

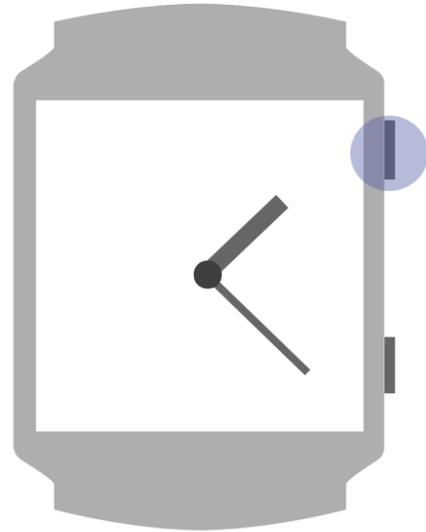
## Running Watch Design

## Table of Contents

- 3 High Level Application Map
- 4 Flow 1: Start/End Run
- 6 Flow 2: Pause/Unpause Run
- 7 Flow 3: Navigating a Run
- 8 Flow 4: Interacting with Stats
- 9 Flow 5: Interacting with Map
- 11 Flow 6: Receiving Notifications
- 13 Flow 7: Accessing Run App
- 14 Flow 8: Viewing a Past Run
- 15 Flow 9: Syncing Runs
- 16 Flow 10: Deleting a Run
- 17 Flow 11: Accessing Run App Settings
- 18 Flow 12: Setting Up a Run
- 20 Flow 13: Accessing Other Apps While in a Run
- 21 Flow 14: Lap Workout - Auto
- 23 Flow 15: Lap Workout - Manual
- 25 Screen Inventory



# Flow 1: Start and End Run (1 of 2)



**Step 1 - Watch Face (1)**

Pressing the top hard key kicks off the process of starting the run. As soon as the hard key is pressed, the gps should begin trying to acquire a signal. Upon pressing the hard key, the Run Settings (14) screen is displayed.



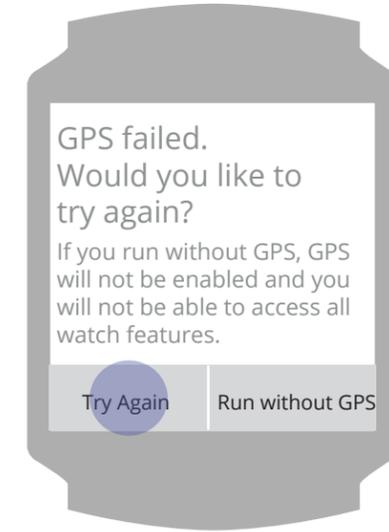
**Step 2 - Run Settings (14)**

This is the run settings screen. The user can scroll vertically to see more settings. The watch is currently trying to get a gps signal. At the top of the screen are two items, a gps icon and a message. The message scrolls to display "Acquiring GPS in 60...Start without GPS". The icon should animate to signal the watch is trying to acquire GPS. The number is a countdown to acquire the signal. At this point, the user can either wait for the GPS signal, or he can start the run without GPS by pressing the top hard key.



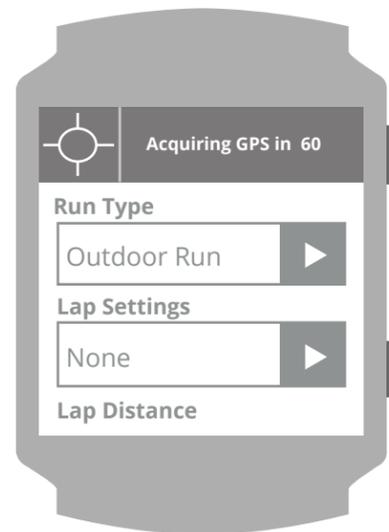
**Step 2 - Run Settings (14)**

The watch will attempt to acquire a signal for 1 minute. If a GPS signal cannot be acquired after 1 minute, the watch should retry getting a signal automatically and reset the countdown with 60 more seconds. If we cannot do that and the gps fails, a message should be displayed informing the user that the gps has failed. In this scenario, the GPS has been trying to acquire a signal for 1 minute.



**Step 4 -GPS Failed (13)**

This screen notifies the user that the gps has failed and provides a warning about what will happen if the user continues without getting a gps signal. On this screen, the user has two options. Tapping the "Run without GPS" button allows the user to do the run without gps (though the watch will continue to try to get a signal) and displays the Run Screen - Stats screen (15). Tapping the "Try Again" button tries to acquire a gps signal again and displays the Run Settings screen (14).



**Step 5 - Run Settings (14)**

The user has tapped the "Retry" button and the watch is attempting to acquire a GPS signal. The user still has the option to run without GPS by pressing the top hard key. In this scenario, the watch acquires a GPS signal.



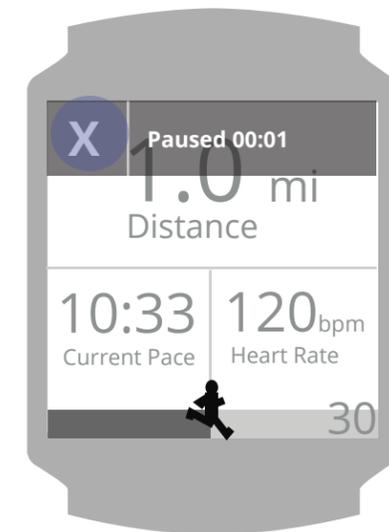
**Step 6 -Run Settings (14)**

A GPS signal has been acquired. The start without GPS text is no longer displayed, as there is now a signal. Displayed is an indication that there is a GPS signal, and "Start" text. Tapping "Start" or pressing the top hard key starts the run and displays the Run Screen - Stats screen (15).



**Step 7 - Run Screen - Stats (15)**

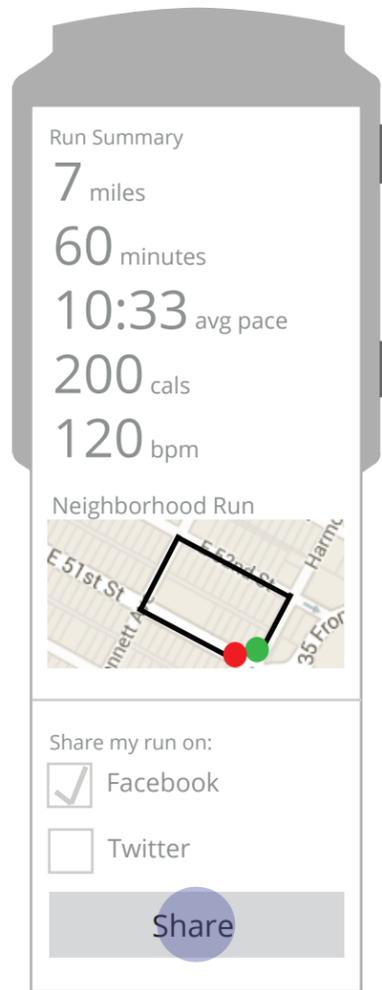
The user is now in his run. The default layout is 1x2, but the user can select a different layout in the Run Settings screen (14). Default stats displayed are distance, current pace, heart rate, progress. (TBD) In order to end the run, the user must first pause it by pressing the top hard key. This immediately pauses the run.



**Step 8 - Run Screen - Run Paused (22)**

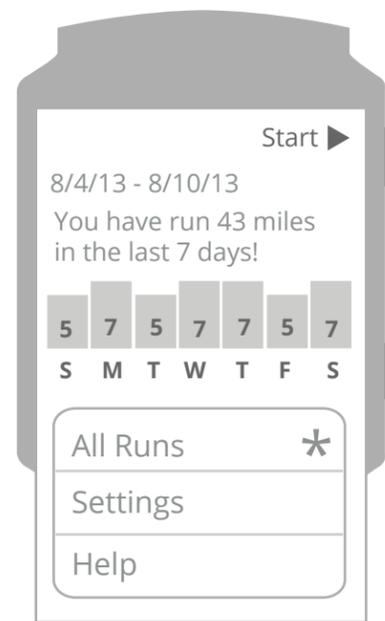
When the run is paused, an banner appears on every run screen to indicate state. The user can still interact with the run app while the run is paused. The pause banner at top displays a button to end the run and a message the run is paused, along with a timer. To end the run, the user taps the end run button.

## Flow 1: Start and End Run (2 of 2)



### Step 9 - Run Summary (23)

The user can scroll vertically to see the full summary. It includes a summary of the run, along with options to share the run to social networks. The run is automatically saved. Tapping the "Share" button posts it to social networks, and displays the run app homescreen. There is no option to not save the run. Tapping the "Share" button shares the run and displays the Running App Home screen (7). The user can also press the bottom hard key (Back) to go to the Watch Face screen ().



### Step 10 - Run App Home (7)

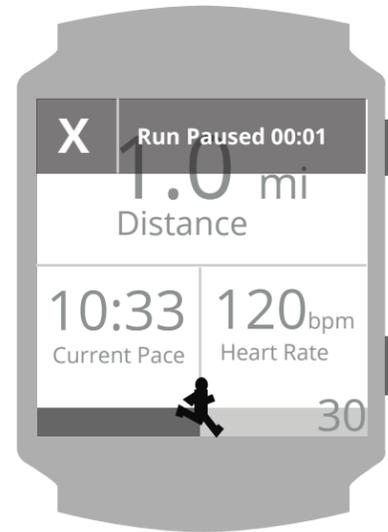
This screen displays an infographic with mileage per day over the last 7 days. Also displayed is navigation to all runs, application settings, and help.

## Flow 2: Pause/Unpause Run



**Step 1 - Run Screen - Stats (15)**

The user is in his run. In order to pause the run, the user presses the top hard key. Pressing the hard key pauses the run from any run screen. This immediately pauses the run.



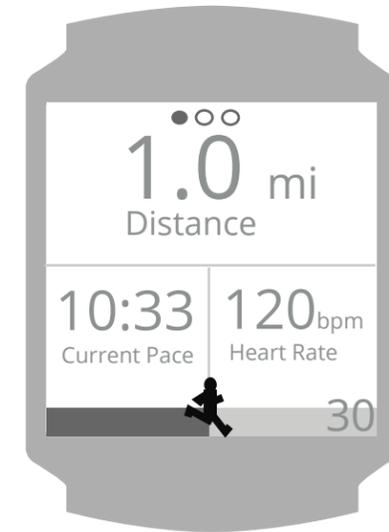
**Step 2A - Run Screen - Run Paused (22)**

When the run is paused, an overlay appears over every run screen to indicate state. (This may be an overlay or it may push down the content.) The user can still interact with the run app while the run is paused. The pause banner at top displays a button to end the run and a message the run is paused, along with a timer. The text in the banner rotates between a run paused message with timer, and a resume message. First text should be displayed for X seconds, and then the second text should appear and be displayed for X seconds.



**Step 2B - Run Screen - Run Paused (22)**

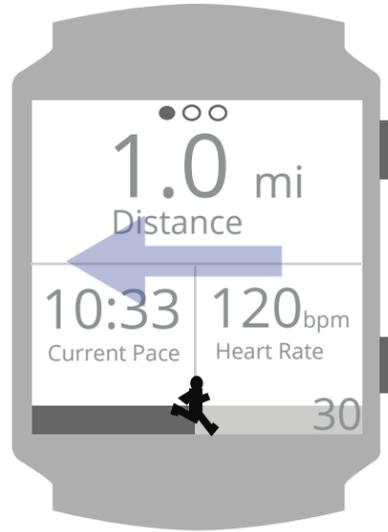
The text on the banner has changed to Resume Run, with an indicator to press the top hard key. To unpause the run, the user presses the top hard key again.



**Step 3 - Run Screen - Stats (15)**

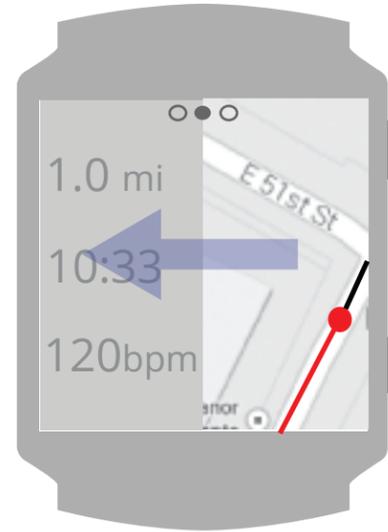
The banner is no longer displayed and the run is again active.

## Flow 3: Navigating a run



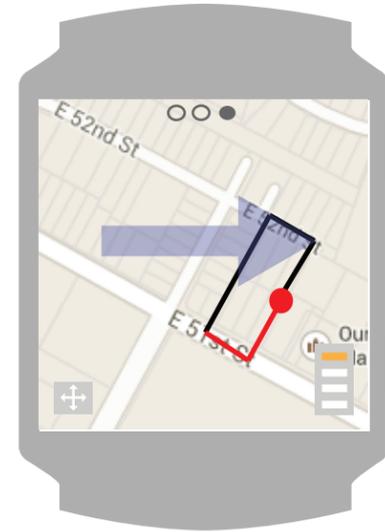
**Step 1 - Run Screen - Stats (15)**

The user is in his run. The default layout is 3-up, but the user can select a different layout in the Run Type/Settings screen (14). Default stats displayed are distance, current pace, heart rate, progress. (TBD) The primary run experience is comprised of 3 screens: stats, half map, and full map. In order to access these screens, the user swipes horizontally left and right. To access the Run Screen - Half Map screen (16), the user swipes left.



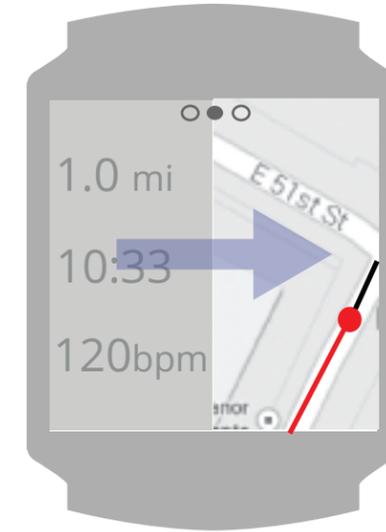
**Step 2 - Run Screen - Half Map (16)**

This displays a half map, which should be oriented north. Displayed on the map are the route, as well as an indicator of where the user currently is. Also on this screen are the stats that are displayed on the stats screen. Swiping horizontally to the left will display the Run Screen - Full Map screen (17). Swiping horizontally to the right will display the Run Screen - Stats screen (15).



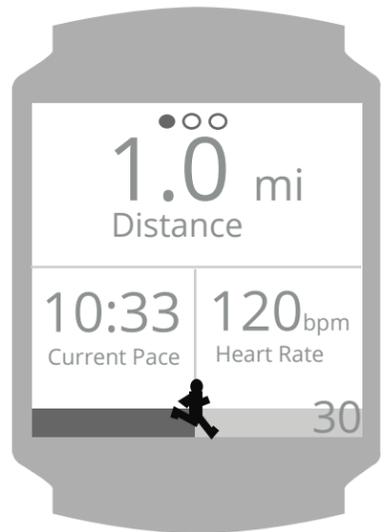
**Step 3 - Run Screen - Full Map (17)**

This screen displays the full map, zoomed out to the highest level. Also displayed on the map is the route, as well as an indicator of where the user currently is. Swiping horizontally to the left would display an indication that there is no further navigation that way. Swiping horizontally to the right displays the Run Screen - Half Map screen (16).



**Step 4 - Run Screen - Half Map (16)**

Swiping horizontally to the left will display the Run Screen - Full Map screen (17). Swiping horizontally to the right will display the Run Screen - Stats screen (15).



**Step 5 - Run Screen - Stats (15)**

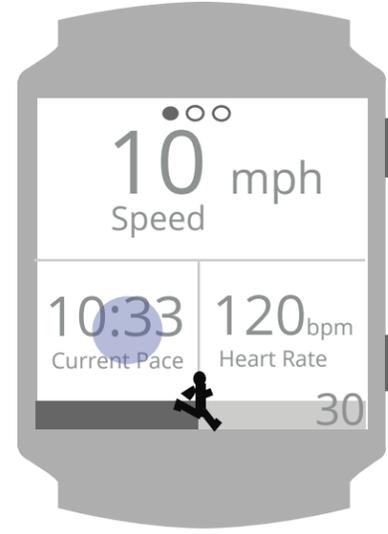
Swiping horizontally to the left displays the Run Screen - Half Map screen (16). Swiping horizontally to the right would display an indication that there is no further navigation that way.

## Flow 4: Interacting with Stats



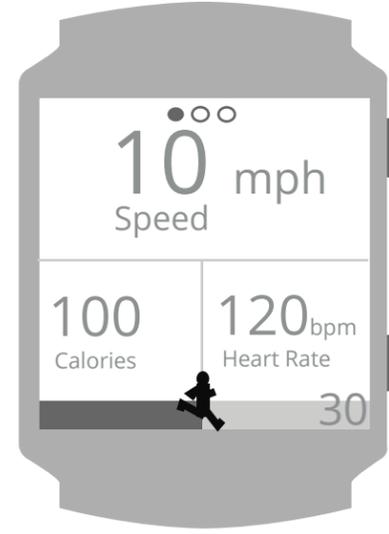
**Step 1 - Run Screen - Stats (15)**

The user is in his run. The default layout is 3-up, but the user can select a different layout in the Run Type/Settings screen (14). Default stats displayed are distance, current pace, heart rate, progress. (TBD) The user has the option to change any of the three stats displayed. All stats are available to be displayed in any of the three spots. Tapping a stat displays the next stat in the list of stats the user has selected in Run Settings.



**Step 2 - Run Screen - Stats (15)**

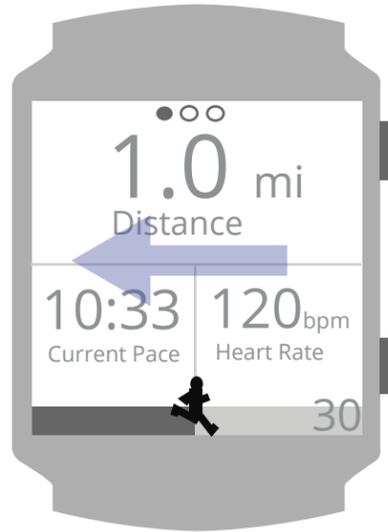
In this case, the user has tapped Distance once, and Speed is displayed. The user can continue tapping the stat to display the next available stat in the list. When the user gets to the last item in the list, tapping again will display the first item in the list. In this case, the user taps Current Pace.



**Step 3 - Run Screen - Stats (15)**

The user has tapped Current Pace, and now Calories is displayed in its place. The user can cycle through any stat displayed. There may be some stats that are not tappable to cycle through the display.

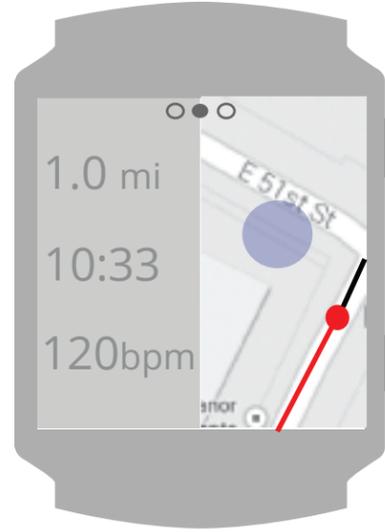
## Flow 5: Interacting with Map (1 of 2)



**Step 1 - Run Screen - Stats (15)**

Swiping horizontally to the left displays the Run Screen - Half Map screen (16).

See Flow 1 for Starting Run. See Flow 3 for Navigating a Run. See Flow 4 for Interacting with Stats.



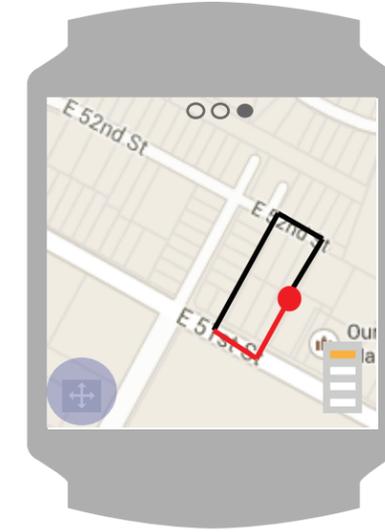
**Step 2 - Run Screen - Half Map (16)**

This screen displays a half map, which should be oriented north. The map should be displayed at most zoomed in level (street level). Displayed on the map are the route, as well as an indicator of where the user currently is. Also on this screen are the stats that are displayed on the stats screen. Tapping the map toggles between a zoomed in, street level view and a full route view. The user taps on the map.



**Step 3 - Run Screen - Half Map (16)**

The map is now displayed in full route view. Tapping the map again will display the zoomed in, street level view. The user swipes horizontally to the left.



**Step 4 - Run Screen - Full Map (17)**

This screen displays the full map, at the highest level. Also displayed on the map is the route, as well as an indicator of where the user currently is. Swiping horizontally to the left would display an indication that there is no further navigation that way. Swiping horizontally to the right displays the Run Screen - Half Map screen (16). There are two controls, one for activating panning and the other for zooming. Tapping the pan control once allows the user to pan up, down, left, and right from this screen.



**Step 5 - Run Screen - Full Screen Map (20)**

The user can now pan in all directions. When panning is turned on, swiping left and right does not navigate the in run experience, it just moves the map left and right. Note that the position indicators at the top of the screen are NOT displayed when in pan mode. The user can also zoom the map by tapping the zoom control on the right or by just tapping the map. (The user can zoom whether or not in pan mode.) There are 4? zoom levels. From this level, tapping the map once would display the next lowest level zoom.



**Step 6 - Run Screen - Full Screen Map (20)**

The zoomed in map is displayed. Tapping once more displays the third level zoom. Tapping twice more displays the fourth level zoom.



Tap the map twice.

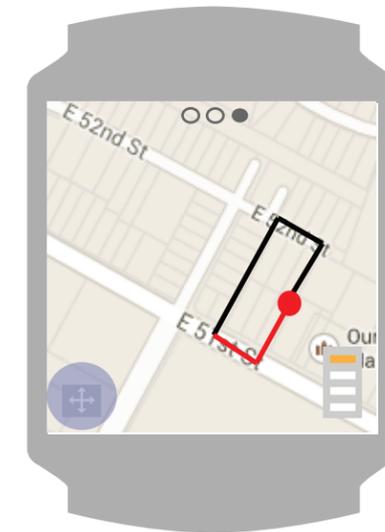


**Step 7 - Run Screen - Full Screen Map (20)**

The map is zoomed to its lowest level. Tapping once more displays the third level zoom. Tapping twice more displays the second level zoom. Tapping three times displays the highest level zoom.



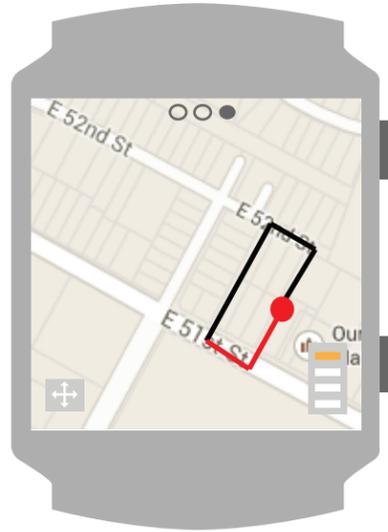
Tap the map three times.



**Step 8 - Run Screen - Full Screen Map (20)**

The map is zoomed to its highest level. The map is still in pan mode. In order to leave pan mode and be able to navigate to the other in run screens, the user taps the pan button.

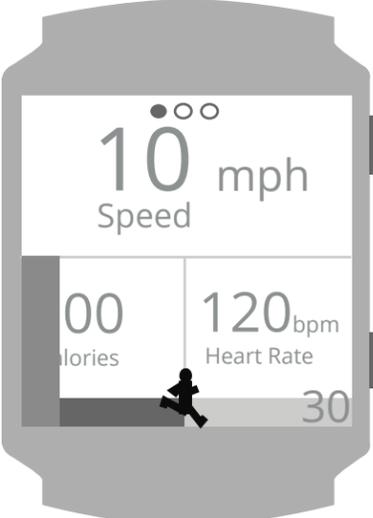
## Flow 5: Interacting with Map (2 of 2)



### Step 9 - Run Screen - Full Screen Map (20)

The map is no longer in pan mode. The user can swipe left and right to access the other in run screens.

# Flow 6: Receiving Notifications (1 of 2)



watch vibrates

**Step 1 - Run Screen - Stats (15)**

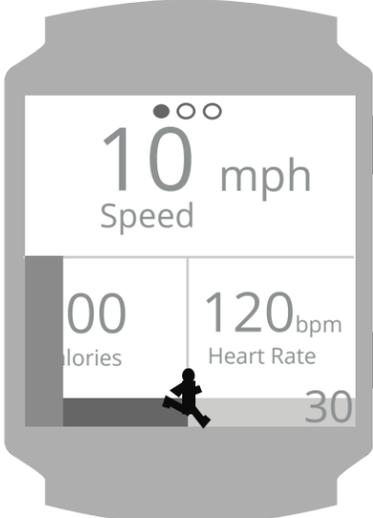
Each notification slides into view from the left. Notifications can be viewed from any screen. The watch vibrates to indicate a notification is being received. Notifications can include things like upcoming markers, battery life, gps signal, etc. Full list of notifications is TBD.

See Flow 1 for Starting Run. See Flow 3 for Navigating a Run. See Flow 4 for Interacting with Stats.



**Step 2 - Run Notification (21)**

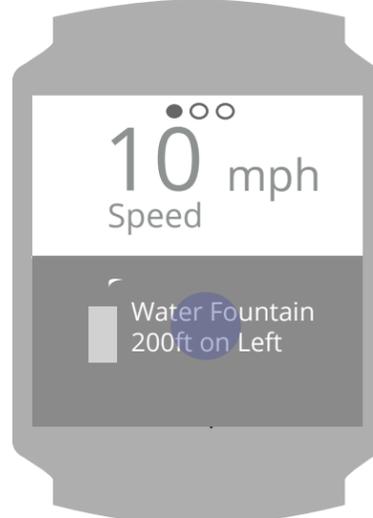
This is the run stats screen with one notification. In this case, it is a battery low notification. The user has two options. He can either tap the notification to see details (not all notifications may have a detail screen TBD), or he can swipe to the left to dismiss the notification. The user swipes to the left on the notification.



watch vibrates

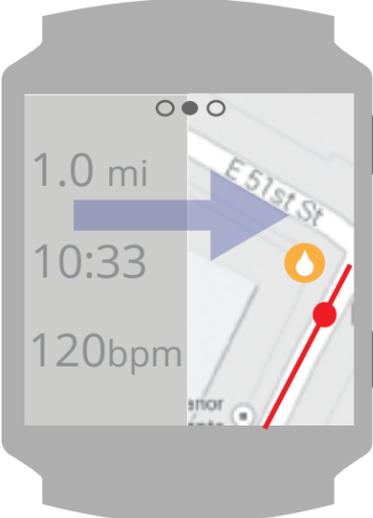
**Step 3 - Run Screen - Stats (15)**

Another notification has appeared on screen. The watch buzzes and the notification slides in from the left.



**Step 4 - Run Notification (21)**

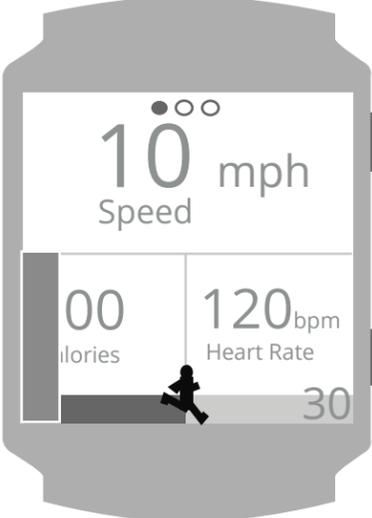
This is the run stats screen with one notification. In this case, the user wants to see more detail about the notification. The user taps on the notification.



watch vibrates

**Step 5 - Run Screen - Half Map (16)**

This is the half map screen. The water fountain marker is indicated on the map. From here the user can swipe to the left to see the full map screen or swipe to the right to display the stats detail screen. The user swipes to the right.



watch vibrates

**Step 6 - Run Notification (21)**

The user returns to the stats screen and the notification has been dismissed. Another notification slides in from the left.



**Step 7 - Run Notification (21)**

The notification about another water fountain is displayed. While this notification is on screen, the user receives another notification.



**Step 8 - Run Notification (21)**

This is the run stats screen with two notifications. When multiple notifications are received, they stack upon each other, with the most recent at the top of the stack, and the oldest notification at the bottom of the stack. If more than one notification is present on screen, a bug will appear indicating the number of notifications displayed. TBD: We need to determine how many notifications this model could accommodate at once. The user swipes to the left on the most recent notification.

## Flow 6: Receiving Notifications (2 of 2)



### Step 9 - Run Notification (21)

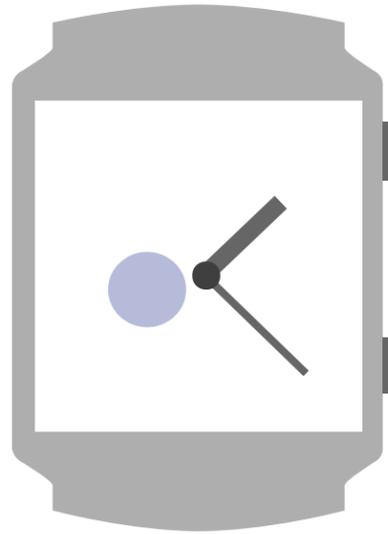
This is the run stats screen with one notification. The restroom notification has been dismissed, and the bug is no longer displayed. The user swipes to the left on the other notification.



### Step 10 - Run Screen - Stats (15)

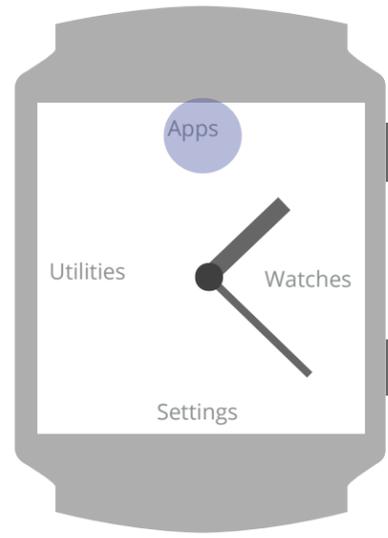
This is the run stats screen. The water fountain notification has been dismissed, displaying the stats screen.

## Flow 7: Accessing Run App



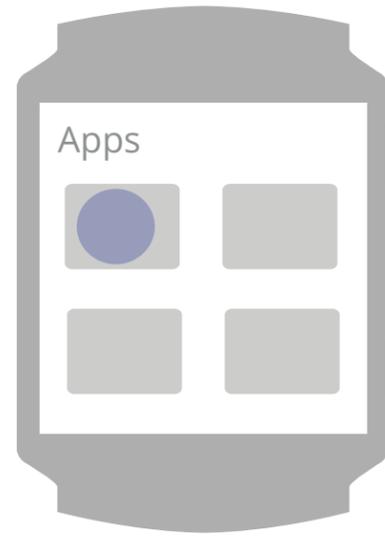
### Step 1 - Watch Face (1)

Tapping anywhere on the watch face displays the native watch menu.



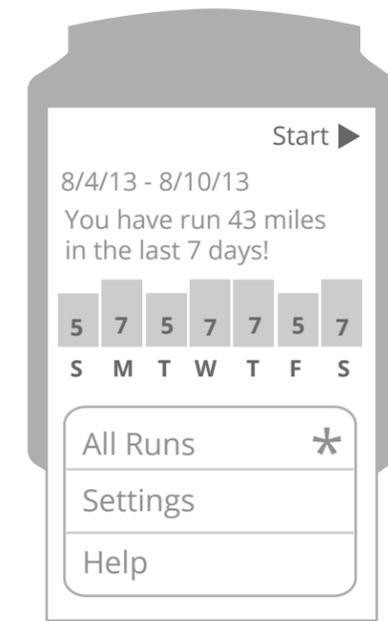
### Step 2 - Watch Menu (2)

The menu options apps, utilities, watches, and settings are displayed. The user taps "Apps".



### Step 3 - List of Apps (3)

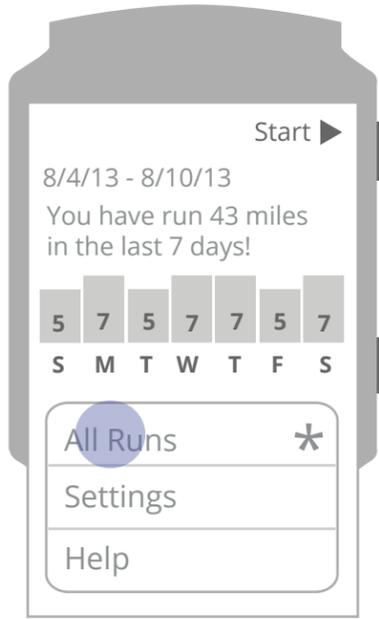
A list of all apps, including the MMF Running App, are displayed. The user taps the MMF Running App icon.



### Step 4 - Run App Home (7)

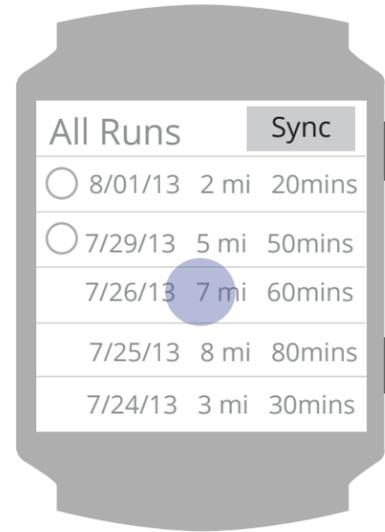
This is the homescreen of the running app. Displayed on this screen are an infographic depicting miles run over the last 7 days. Also displayed are navigation to see all runs, application settings, and help. The icon next to "All Runs" indicates that there are runs that have not been synced. To return to the List of Apps screen (3), the user presses the Back (bottom) hard key. To start a run from this screen, the user presses the top hard key or taps "Start".

# Flow 8: Viewing a Past Run



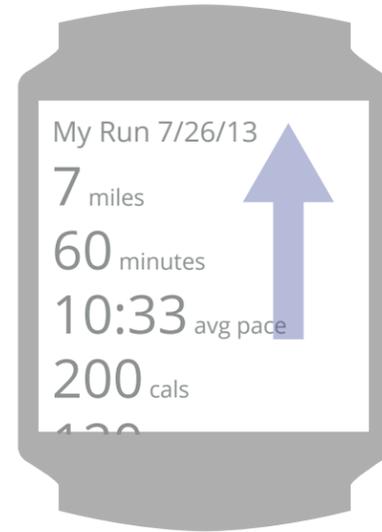
## Step 1- Run App Home (7)

This is the homescreen of the running app. Displayed on this screen are an infographic depicting miles run over the last 7 days. Also displayed are navigation to see all runs, application settings, and help. The icon next to "All Runs" indicates that there are runs that have not been synced. The user taps "All Runs".



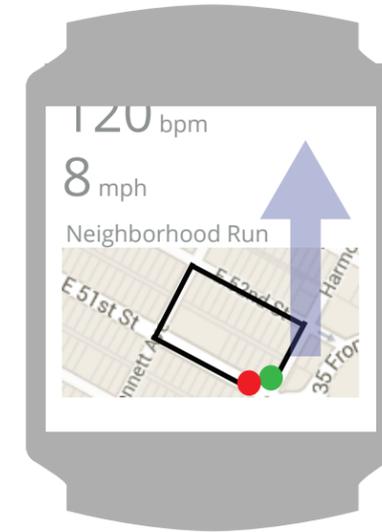
## Step 2 - List of Past Runs (9)

This screen displays a list of all runs the user has done with the watch. Each run displays the date it was run, the number of miles run, and the duration of the run. If a run has not been synced with MMF, an icon is displayed to the left. Also on this screen is a "Sync" button that when tapped, attempts to sync any unsynced runs. In order to return to the Run App Home screen (7), the user would press the Back (bottom) hard key. The user taps a run.



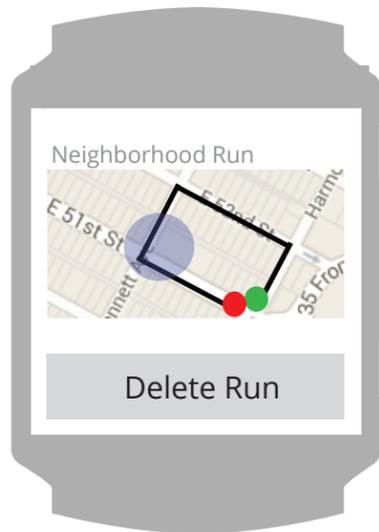
## Step 3 - Run Detail (11)

This screen displays details about the user's run. Displayed are a list of stats for the run, a thumbnail of the route, and a button to delete the run. In order to return to the List of Past Runs screen (9), the user would press the Back (bottom) hard key. The user scrolls vertically.



## Step 4 - Run Detail (11)

The route thumbnail displays the name of the route, the route taken, starting point, and ending point. Tapping the map displays a full screen map. The user scrolls vertically.



## Step 5 - Run Detail (11)

The rest of the screen is displayed. The delete button is at the bottom of the screen. Tapping "Delete Run" deletes the run. The user taps the map thumbnail.



## Step 6 - Run Detail Map ()

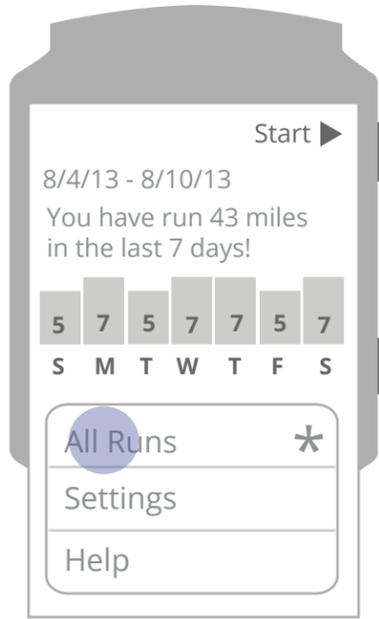
This is a full screen map displaying the route, start point, and end point. The user can pan the map left, right, up, and down. The user can also zoom the map in and out by tapping on the map. In order to return to the Run Detail screen (11), the user presses the Back (bottom) hard key.



## Step 7 - Run Detail (11)

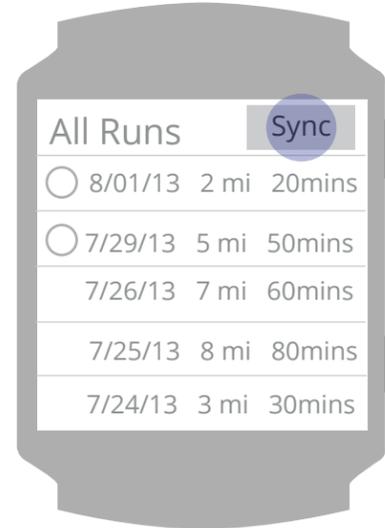
The user has returned to the run detail screen.

# Flow 9: Syncing Runs



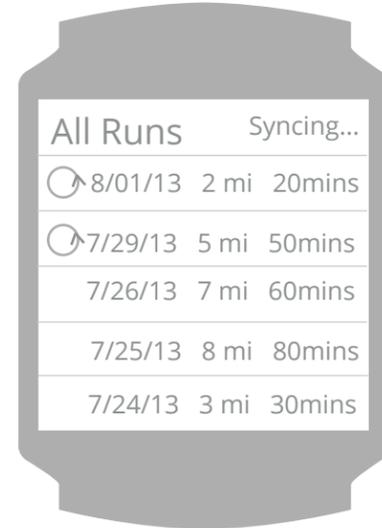
## Step 1 - Run App Home (7)

This is the homescreen of the running app. Displayed on this screen are an infographic depicting miles run over the last 7 days. Also displayed are navigation to see all runs, application settings, and help. The icon next to "All Runs" indicates that there are runs that have not been synced. To start a run from this screen, the user presses the top hard key or taps "Start". The user taps "All Runs".



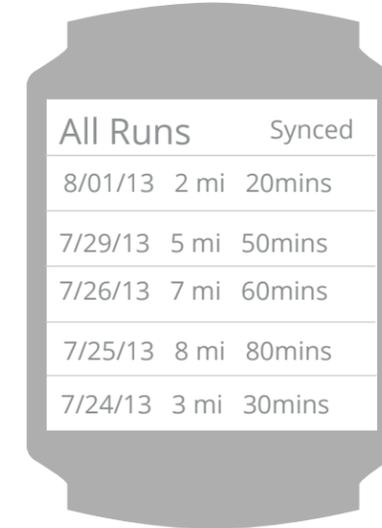
## Step 2 - List of Past Runs (9)

This screen displays a list of all runs the user has done with the watch. Each run displays the date it was run, the number of miles run, and the duration of the run. If a run has not been synced with MMF, an icon is displayed to the left. Also on this screen is a "Sync" button that when tapped, attempts to sync any unsynced runs. In order to return to the Run App Home screen (7), the user would press the Back (bottom) hard key. The user taps the "Sync" button.



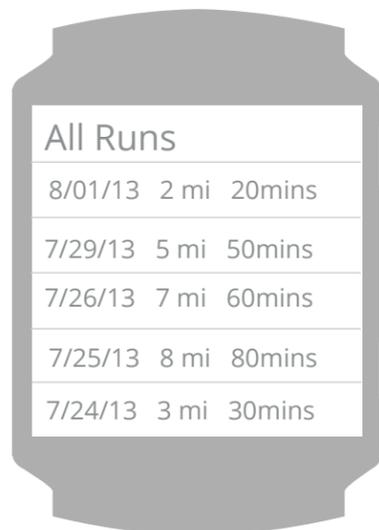
## Step 3 - List of Past Runs (9)

The watch has begun syncing. In this flow, it is assumed that the watch is connected to a wifi network. If there is no connection, tapping "Sync" will attempt to acquire a connection. When in the process of syncing, the "Sync" button changes to an indicator to let the user know the watch is syncing. The icons next to the items to be synced should be animated or change to let the user know those items are syncing. As soon as an item has synced, the icon should disappear.



## Step 4 - List of Past Runs (9)

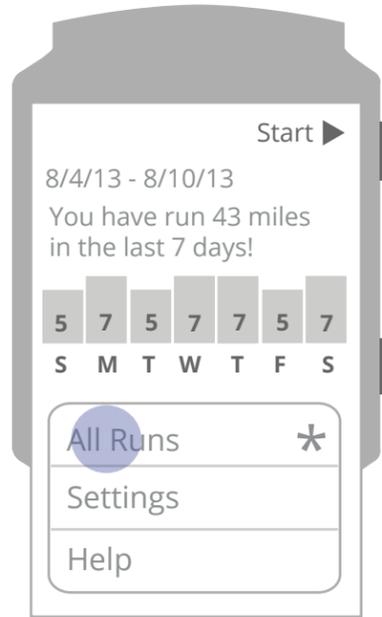
The runs have been synced. The icons next to the unsynced runs no longer appears, as they are now synced. The "Synced" button at top has been replaced with a message to let users know that no items need to be synced. This message should persist for 15 seconds and then disappear.



## Step 5 - List of Past Runs (9)

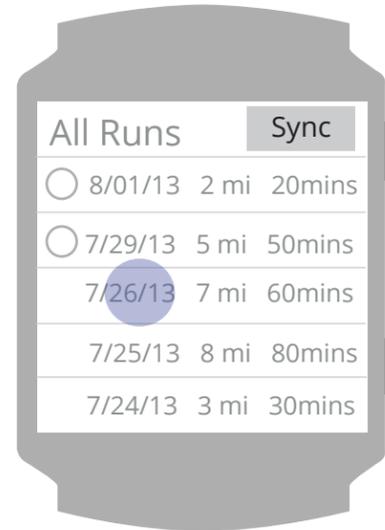
All runs have been synced.

# Flow 10: Deleting a Run



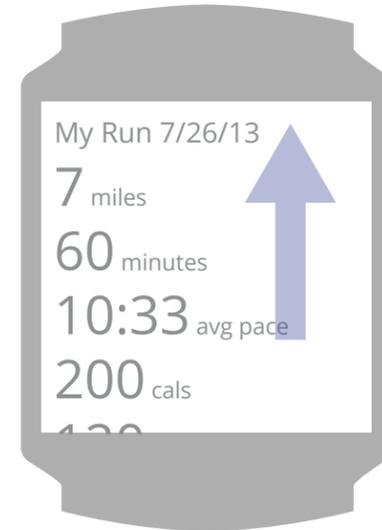
**Step 1 - Run App Home (7)**

This is the homescreen of the running app. Displayed on this screen are an infographic depicting miles run over the last 7 days. Also displayed are navigation to see all runs, application settings, and help. The icon next to "All Runs" indicates that there are runs that have not been synced. To start a run from this screen, the user presses the top hard key or taps "Start". The user taps "All Runs".



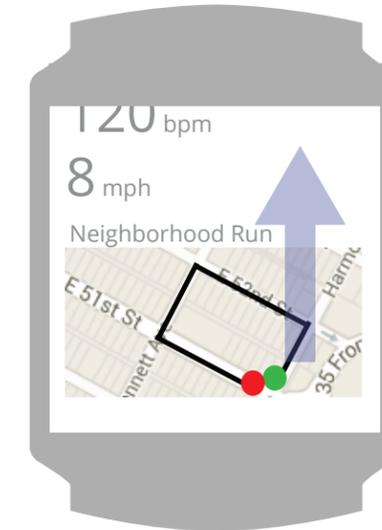
**Step 2 - List of Past Runs (9)**

This screen displays a list of all runs the user has done with the watch. Each run displays the date it was run, the number of miles run, and the duration of the run. If a run has not been synced with MMF, an icon is displayed to the left. Also on this screen is a "Sync" button that when tapped, attempts to sync any unsynced runs. In order to return to the Run App Home screen (7), the user would press the Back (bottom) hard key. The user taps a run.



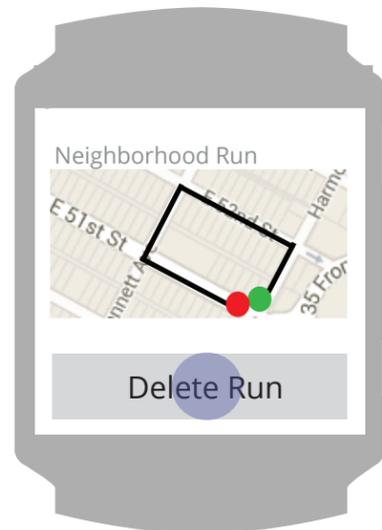
**Step 3 - Run Detail (11)**

This screen displays details about the user's run. Displayed are a list of stats for the run, a thumbnail of the route, and a button to delete the run. In order to return to the List of Past Runs screen (9), the user would press the Back (bottom) hard key. The user scrolls vertically.



**Step 4 - Run Detail (11)**

The route thumbnail displays the name of the route, the route taken, starting point, and ending point. Tapping the map displays a full screen map. The user scrolls vertically.



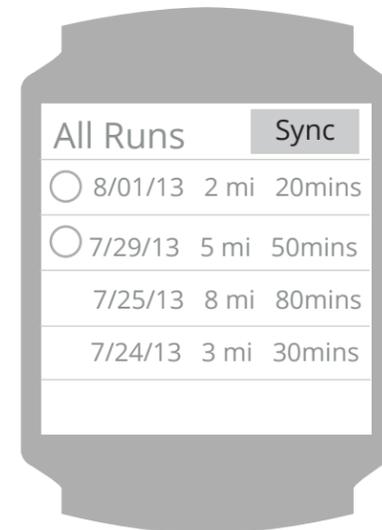
**Step 5 - Run Detail (11)**

The rest of the screen is displayed. The delete button is at the bottom of the screen. Tapping "Delete Run" deletes the run. The user taps "Delete Run".



**Step 6 - Delete Run Dialog (6)**

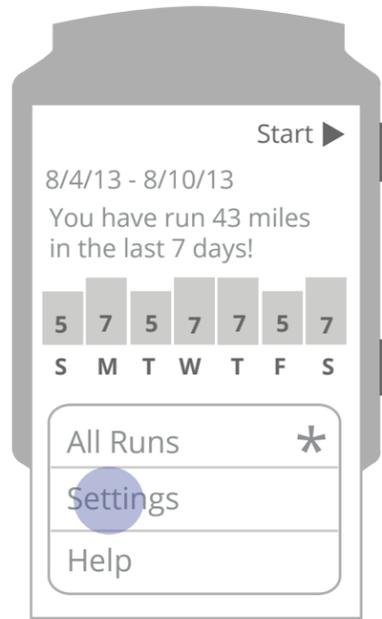
Upon tapping "Delete Run", a dialog is displayed asking users to confirm they would like to delete the run. Tapping the "No" button does not delete the run and displays the Run Detail screen (11). Tapping the "Yes" button deletes the run and displays the List of Past Runs screen (9). The user taps "Yes".



**Step 7 - List of Past Runs (9)**

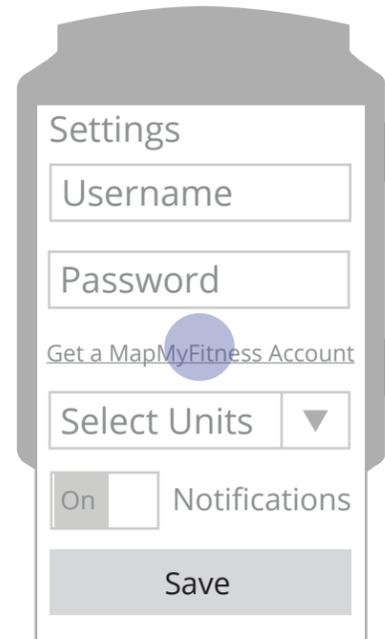
The list of runs is displayed without the deleted run.

# Flow 11: Accessing Run App Settings



## Step 1 - Run App Home (7)

This is the homescreen of the running app. Displayed on this screen are an infographic depicting miles run over the last 7 days. Also displayed are navigation to see all runs, application settings, and help. The icon next to "All Runs" indicates that there are runs that have not been synced. To start a run from this screen, the user presses the top hard key or taps "Start". The user taps "Settings".



## Step 2 - App Settings (8)

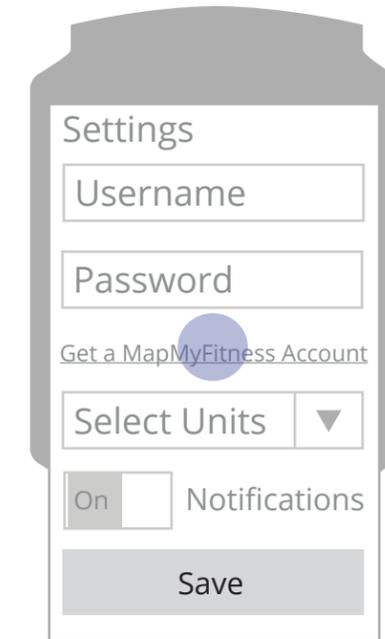
These are the general app settings. On this screen are settings for: MMF username, MMF password, units, and enabling/disabling notifications. Tapping "Save" saves the settings. Also on this screen is a link to information about how to get a MapMyFitness account. The user taps "Get a MapMyFitness Account".

Note: We removed auto-share to social networks because this must be done explicitly.



## Step 3 - Get An Account (26)

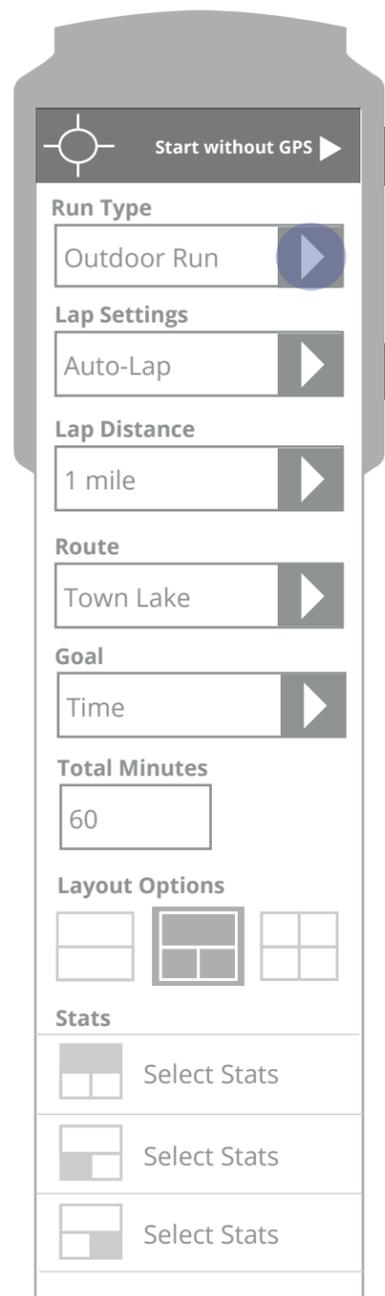
This screen displays instructions about how to get a MapMyFitness account if the user does not yet have one. The user presses the Back (bottom) hard key.



## Step 4 - App Settings (8)

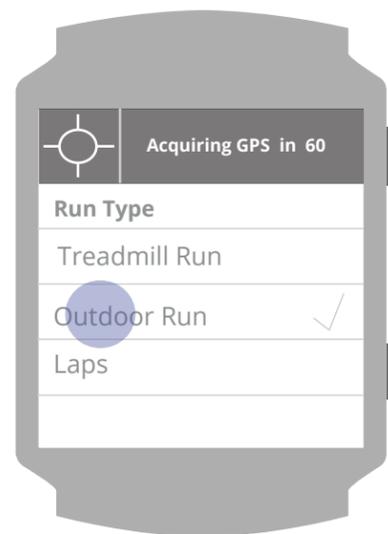
The user has returned to the settings screen.

# Flow 12: Setting Up a Run (1 of 2)



**Step 1 - Run Settings (14)**

This is the run settings screen. The user can scroll vertically to see all settings. The options available are dependent upon run type selected if the options for each run type are different. (TBD) Run Settings options are: run type, lap settings, lap distance, route, goal, total minutes/distance, layout options, and stats options. The user taps Run Type.



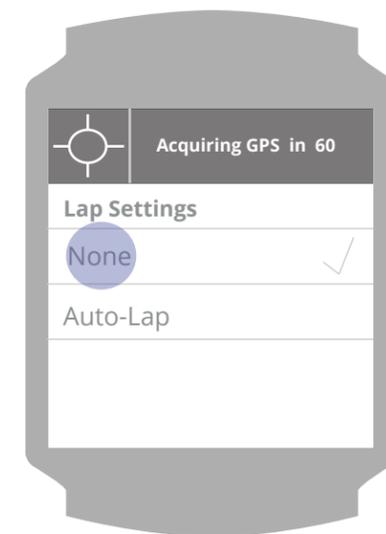
**Step 2 - Run Type ()**

The list of all available run types are displayed. If the user selects Outdoor Run, the GPS will continue to try to acquire a signal. If the user selects Treadmill Run or Laps, the GPS will stop trying to acquire a signal and display the start button. The user taps Outdoor Run.



**Step 3 - Run Settings (14)**

The user is returned to the Run Settings screen. Lap Settings allows the user to automatically track laps at a specified distance. The user taps Lap Settings.



**Step 4 - Lap Settings ()**

The list of lap settings is displayed. Selecting None does not track laps. Selecting Auto-Lap tracks laps automatically at the specified interval. The user taps None.



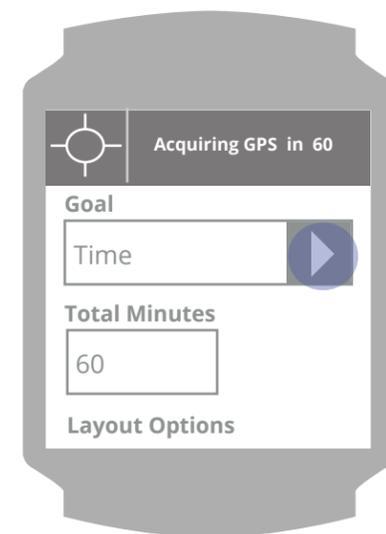
**Step 5 - Run Settings (14)**

The user is returned to the Run Settings screen. Lap Distance allows the user to set the distance for an auto-lap. Distances available are 1 mile, 2 miles, 3 miles (TBD). The user taps Route.



**Step 6 - Route ()**

The list of bookmarked routes is displayed. For each route, a thumbnail map of the route, mileage, and route are displayed. We could also display nearby routes, but a GPS signal would be needed in order to display those. The user taps on a route to select it.



**Step 7 - Run Settings (14)**

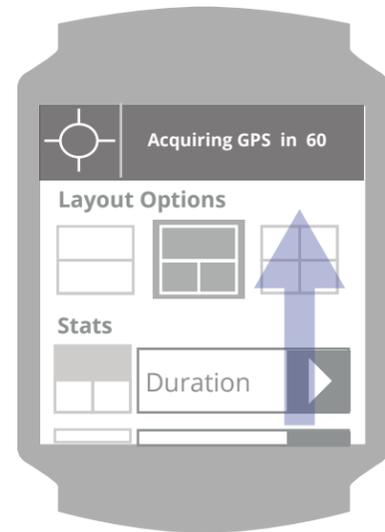
The user is returned to the Run Settings screen. Goal allows the user to set a target in either time or distance. If the user selects time, the field below displays Total Minutes. If the user selects Distance, the field below displays Total Miles. The user taps Goal.

## Flow 12: Setting Up a Run (2 of 2)



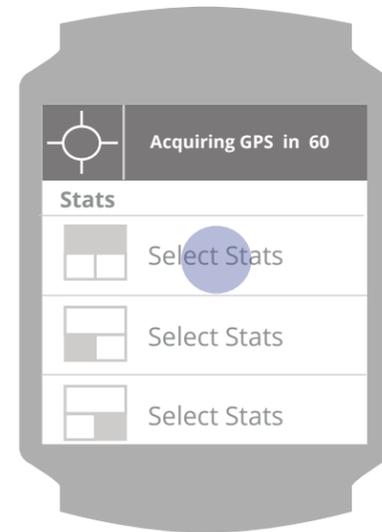
### Step 8 - Goal Type ()

Displayed are a list of available goal types. Still need to determine other goal types. The user taps Time.



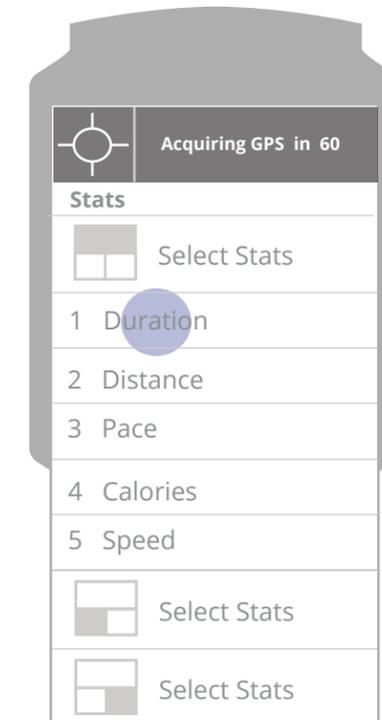
### Step 9 - Run Settings (14)

The user has returned to the Run Settings screen. The last two settings are Layout Options and Stats. The user has a choice of three layout options. Tapping a layout option selects it. The user scrolls.



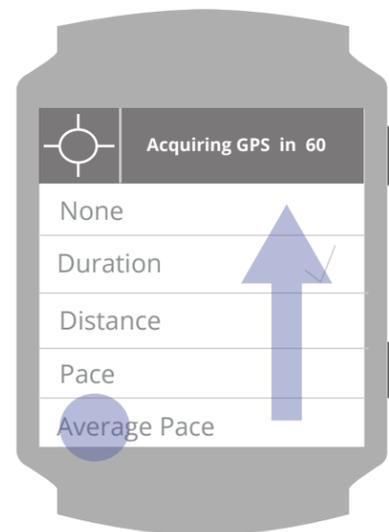
### Step 10 - Run Settings (14)

The Stats options allow the user to select which stats are available for each position. The icon indicates the position for which the user is selecting the stats. All stats should be available for each position. The user taps the top position.



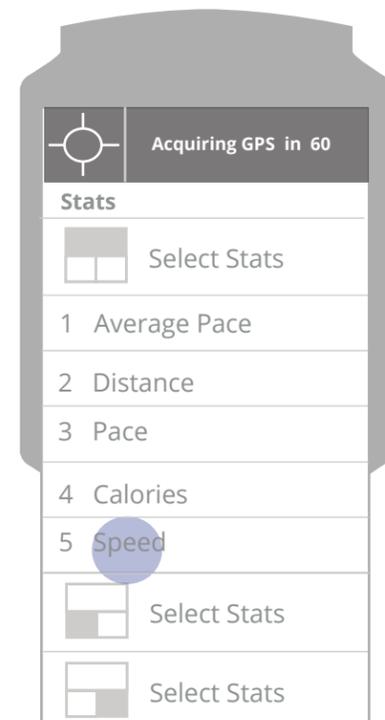
### Step 11 - Run Settings (14)

The user can assign up to 5 stats for each position. Each position displays the order in the list and the name of the stat. For each position, 5 stats will be selected by default. To select a stat, the user taps on it.



### Step 12 - Run Stats Picker ()

This is the list of all available stats. The user can scroll to see the entire list. Tapping a stat selects that stat and displays the Run Settings (14) screen. The user taps Average Pace.



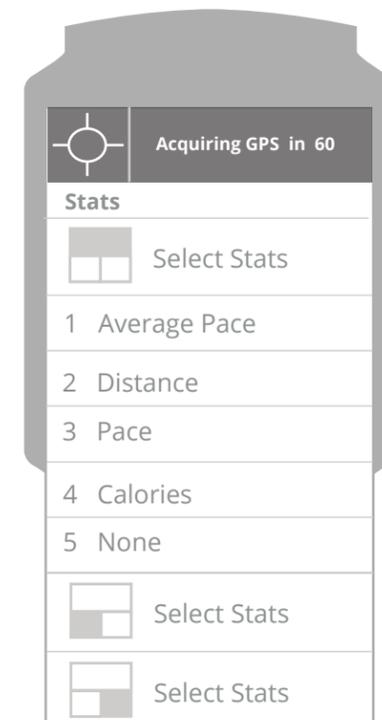
### Step 13 - Run Settings (14)

In this scenario, the user has replaced Duration with Average Pace. The user also has the option to assign nothing to a slot. The user taps Speed.



### Step 14 - Run Stats Picker ()

In this case, the user doesn't want a fifth stat, so he taps None.



### Step 15 - Run Settings (14)

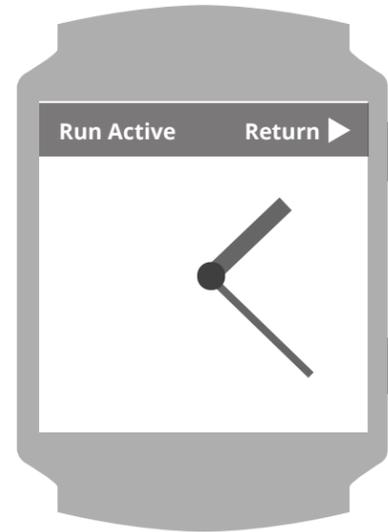
Speed has been replaced with None. The user will be able to cycle through four stats during the run. If the user selects another stat position, this one will close and that section will open.

## Flow 13: Access Other Apps While in a Run



**Step 1 - Run Screen - Stats (15)**

The user is in a run. While in a run, whether in paused or active state, the user can access all other functionality of the watch. To leave the in run experience from the Run Screens, the user presses the bottom hard key (Back).



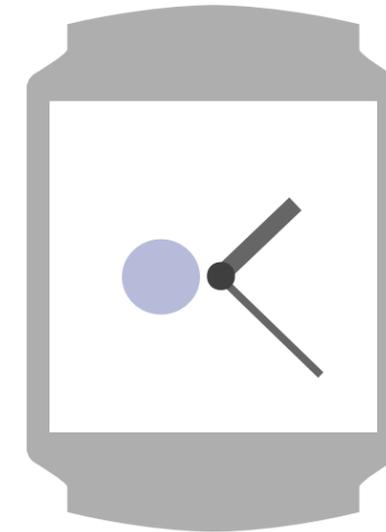
**Step 2 - Watch Face (1)**

Pressing the bottom hard key has returned the user to the Watch Face screen (1). A message will appear at the top of this screen informing the user that the run is active and indication to press top hard key to return to the run experience. The assumption is that we will not be able to display this banner on Casio screens and/or apps. If we can, this banner should persist at the top of all screens. Or maybe we can display the banner just on the Watch Face?



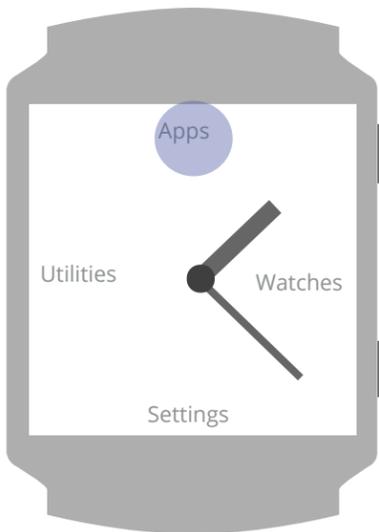
**Step 3 - Watch Face (1)**

The banner persists on this screen for 1 minute before disappearing. If possible, maybe the banner could persist on the Watch Face.



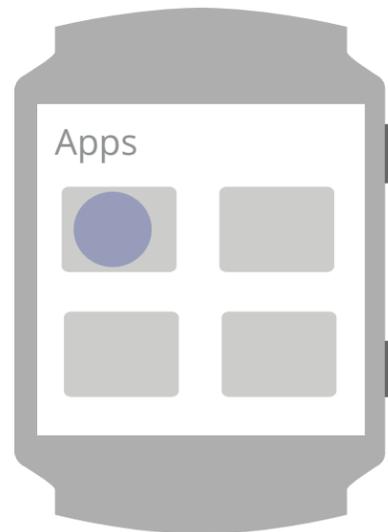
**Step 4 - Watch Face (1)**

The banner has disappeared. The user taps the Watch Face.



**Step 5 - Watch Menu (2)**

The watch menu is displayed. The user taps "Apps".



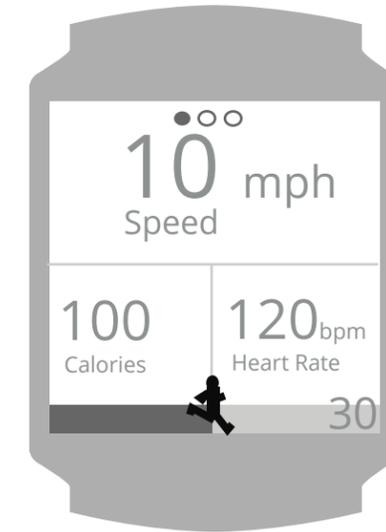
**Step 6 -List of Apps (3)**

The list of apps is displayed. The user taps Facebook.



**Step 7 -Application ()**

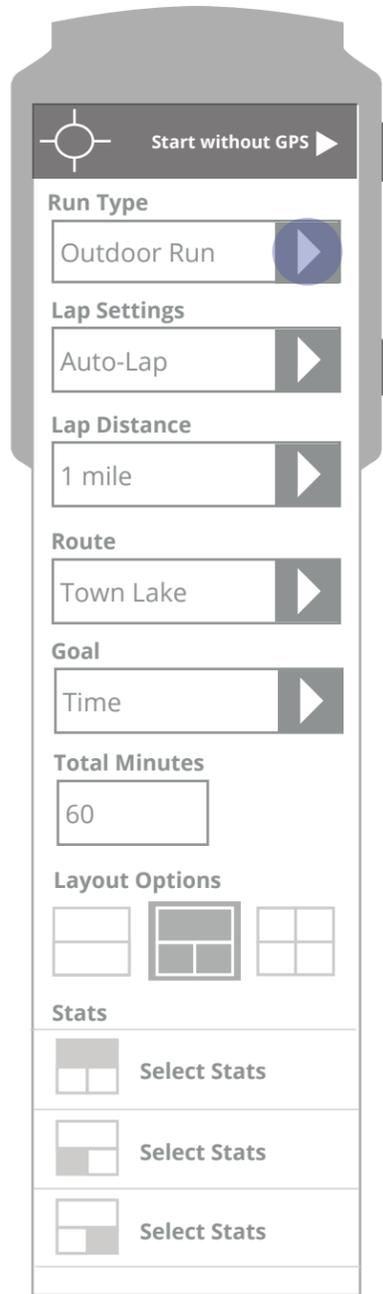
The user has opened Facebook. At this point, the run is still active. To return to the run experience, the user presses the top hard key. If we can display the banner at the top of the screen, the user could tap that as well to return.



**Step 8 -Run Screen - Stats (15)**

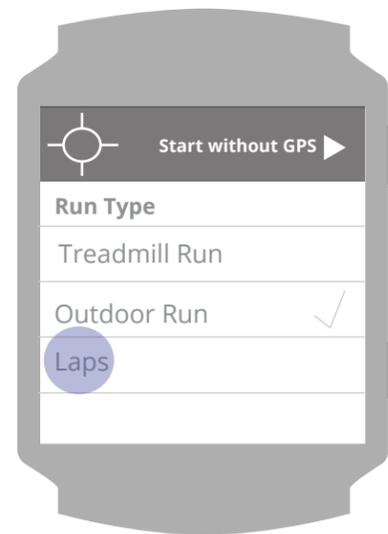
The user has been returned to the run experience with the run still active.

# Flow 14: Lap Workout - Auto (1 of 2)



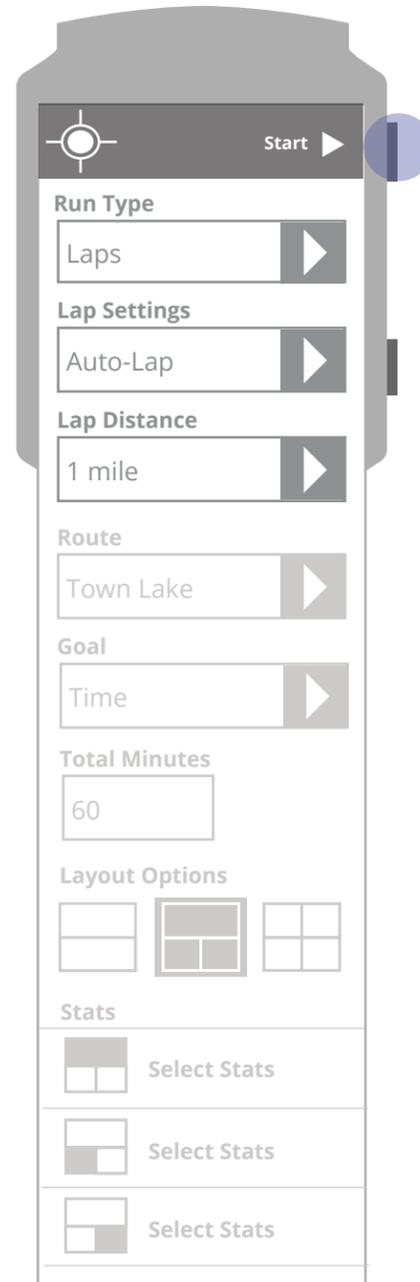
**Step 1 - Run Settings (14)**

The user taps Run Type to select a run type.



**Step 2 - Run Settings (14)**

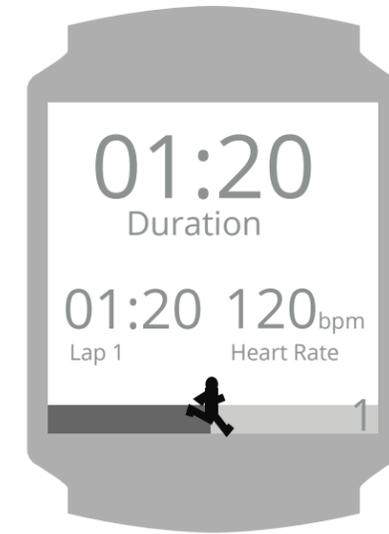
The user taps Laps.



**Step 3 - Run Settings (14)**

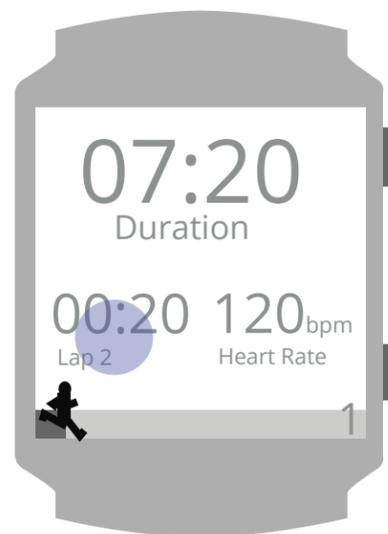
The user is returned to the Run Settings screen. The user has the option of selecting from manual or auto lap. In this case, the user has chosen auto-lap. Lap Distance allows the user to choose from a predetermined list of distances: 1mi, 2mi. As the user has chosen Laps as the run type, the route, goal, total minutes, layout options and stats fields are disabled. In lap mode, the user does not have access to maps or other stats. The user presses the top hard key.

Question: Do we need to have a setting for number of laps?



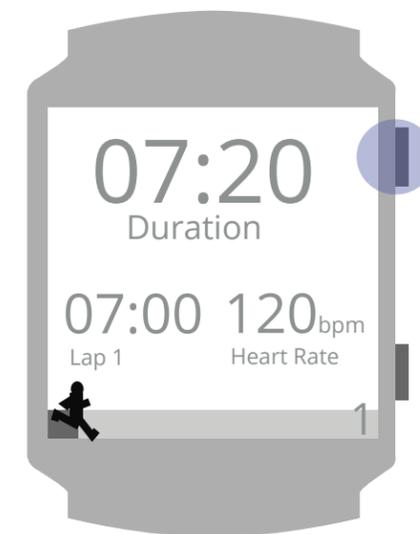
**Step 4 - Lap ()**

Upon pressing the hard key, the counter begins. Displayed are total duration of the run, the lap number and the duration of the lap, heart rate (need to determine what goes here if no hrm), and a progress indicator of where the user is in the lap. The number at the end of the progress indicator is the lap distance selected in the Settings screen. After the user completes a lap, the screen displays stats for the next lap.



**Step 5 - Lap ()**

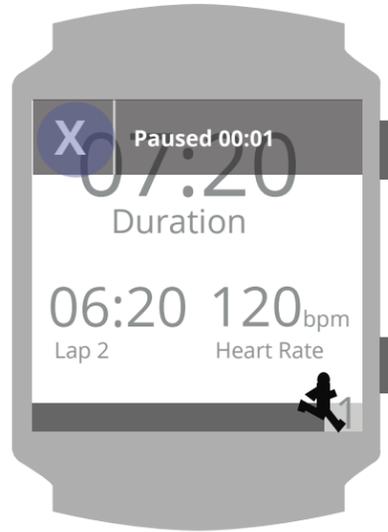
The user has completed the first lap, so the stats for lap 2 are displayed. The Duration is the total duration of the run. The duration for the lap has been reset to 00:00, and now displays "Lap 2". The progress indicator has also been reset for the next lap. The user can access previous lap times by tapping the lap square.



**Step 6 - Lap ()**

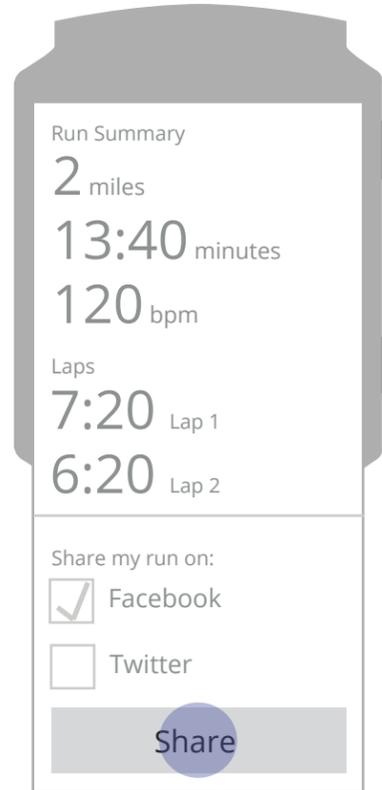
The lap square has changed to display the duration of lap 1. Tapping again would display the duration of lap 2. To end the run, the user first presses the top hard key.

## Flow 14: Lap Workout - Auto (2 of 2)



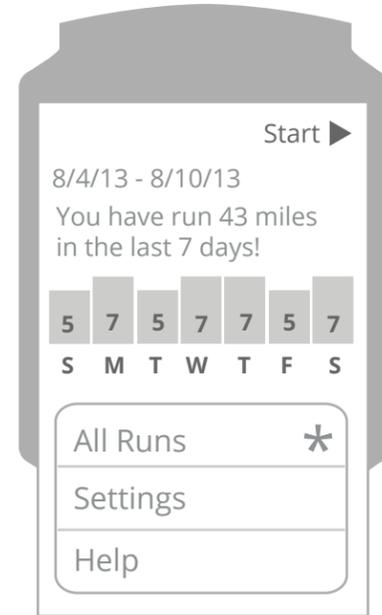
### Step 7 - Lap - Lap Paused ()

The run is paused and displays the pause banner at the top of the screen. The user taps the End Run button.



### Step 8 - Lap Summary ()

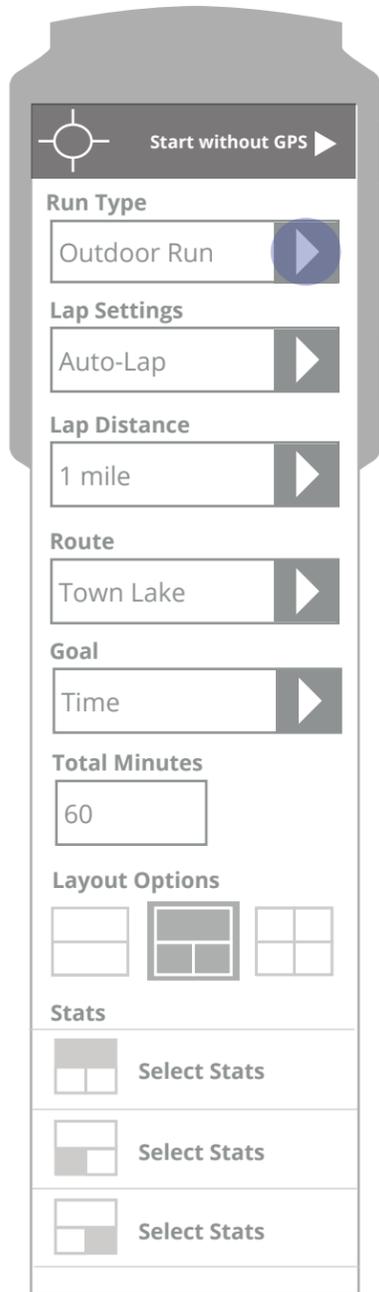
The user can scroll vertically to see the full summary. It includes a summary of the run, along with options to share the run to social networks. The run is automatically saved. Tapping the "Share" button posts it to social networks, and displays the run app homescreen. There is no option to not save the run. Tapping the "Share" button shares the run and displays the Running App Home screen (7). The user can also press the bottom hard key (Back) to go to the Watch Face screen ().



### Step 9 - Run App Home (7)

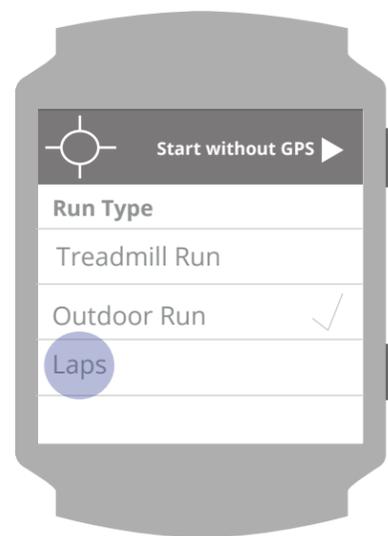
This is the homescreen of the running app. Displayed on this screen are an infographic depicting miles run over the last 7 days. Also displayed are navigation to see all runs, application settings, and help. The icon next to "All Runs" indicates that there are runs that have not been synced. To start a run from this screen, the user presses the top hard key or taps "Start".

## Flow 14: Lap Workout - Manual (1 of 2)



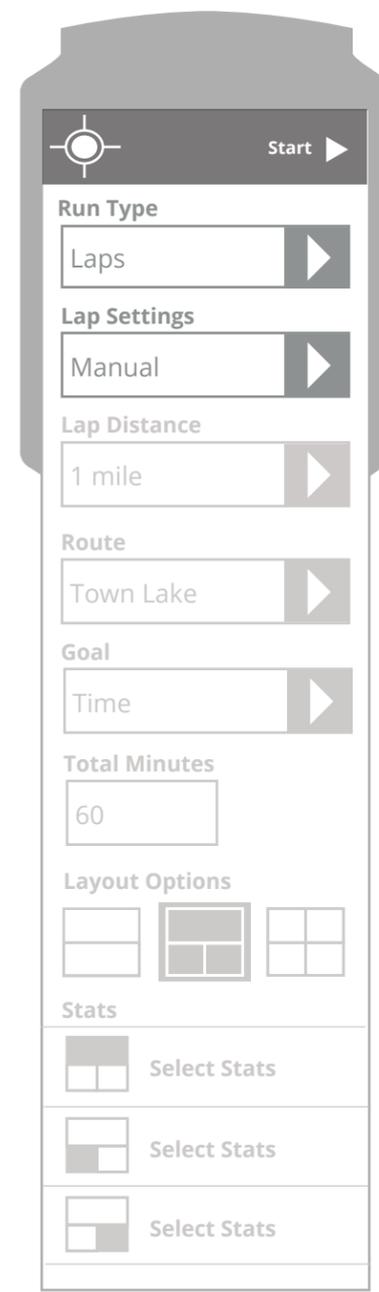
### Step 1 - Run Settings (14)

The user taps Run Type to select a run type. Note at this point that Lap Settings and Lap Distance are disabled.



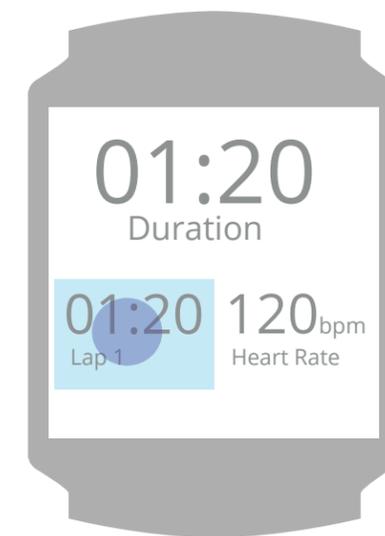
### Step 2 - Run Settings (14)

The user taps Laps.



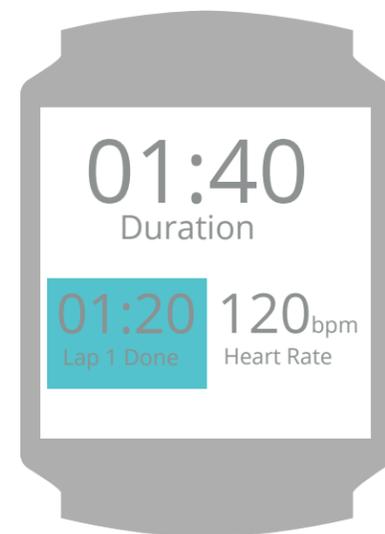
### Step 3 - Run Settings (14)

The user is returned to the Run Settings screen. The user has the option of selecting from manual or auto lap. In this case, the user has chosen manual. Lap Distance is disabled. As the user has chosen Laps as the run type, the route, goal, total minutes, layout options and stats fields are disabled. In lap mode, the user does not have access to maps or other stats. The user presses the top hard key.



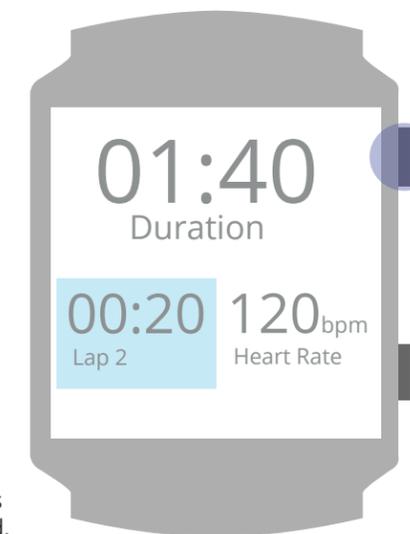
### Step 4 - Lap ()

Upon pressing the hard key, the counter begins. Displayed are total duration of the run, the lap number and the duration of the lap, and heart rate (need to determine what goes here if no hrm). In order to mark a lap, the user taps the Lap button on the left.



### Step 5 - Lap ()

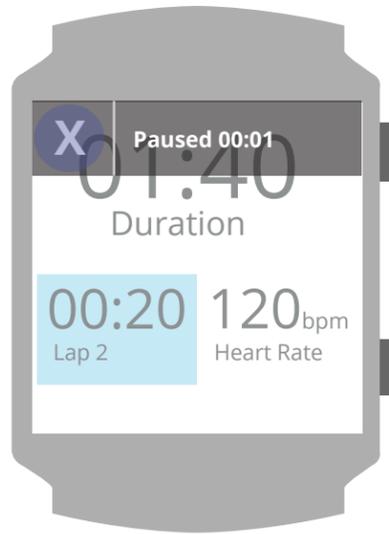
The user has pressed the Lap button to mark the end of the lap. The lap button has changed colors to indicate a lap has been completed. The previous lap time persists here for 10 seconds, and then resets to display the duration of the current lap.



### Step 6 - Lap ()

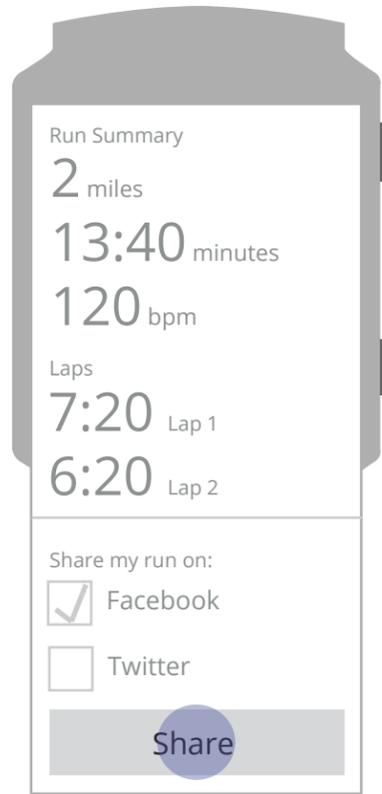
Ten seconds have elapsed, so the button now displays "Lap 2" and the duration of the current lap. To mark lap 2, the user taps the button. To pause the run, the user presses the top hard key.

## Flow 14: Lap Workout - Manual (2 of 2)



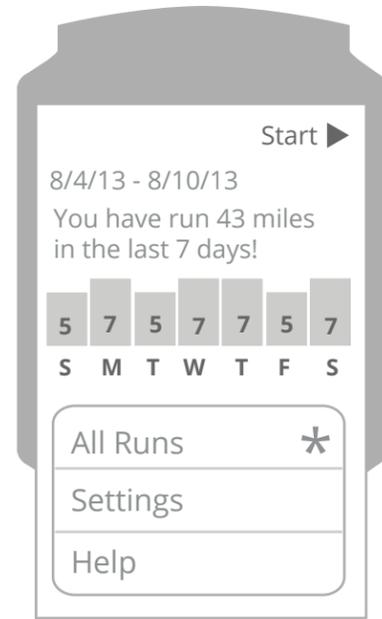
### Step 7 - Lap - Lap Paused ()

The run is paused and displays the pause banner at the top of the screen. The user taps the End Run button.



### Step 8 - Lap Summary ()

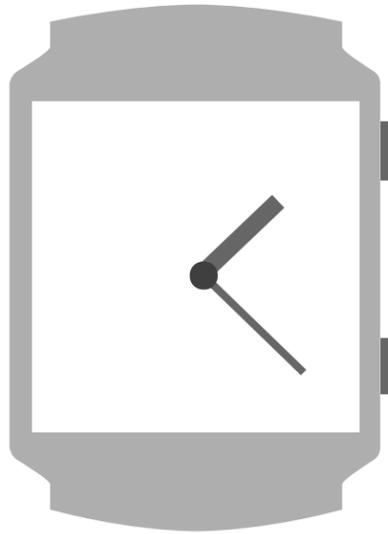
The user can scroll vertically to see the full summary. It includes a summary of the run, along with options to share the run to social networks. The run is automatically saved. Tapping the "Share" button posts it to social networks, and displays the run app homescreen. There is no option to not save the run. Tapping the "Share" button shares the run and displays the Running App Home screen (7). The user can also press the bottom hard key (Back) to go to the Watch Face screen ().



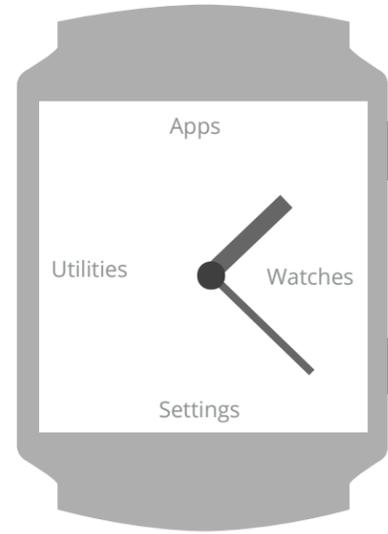
### Step 9 - Run App Home (7)

This is the homescreen of the running app. Displayed on this screen are an infographic depicting miles run over the last 7 days. Also displayed are navigation to see all runs, application settings, and help. The icon next to "All Runs" indicates that there are runs that have not been synced. To start a run from this screen, the user presses the top hard key or taps "Start".

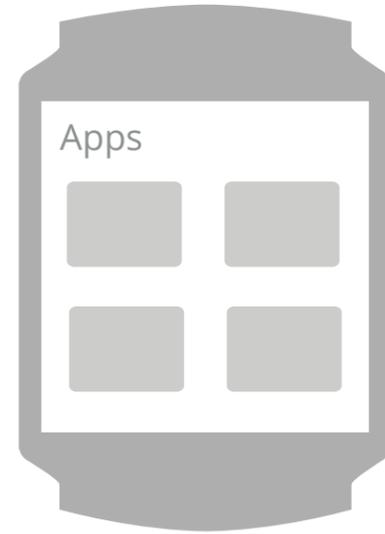
# Screen Inventory (1 of 5)



Screen #1: Watch Face



Screen #2: Watch Menu



Screen #3: List of Apps



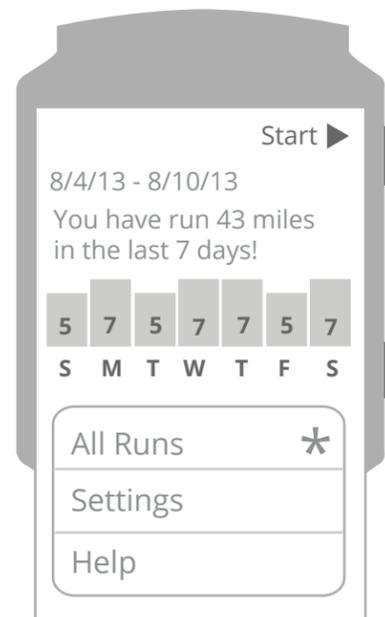
Screen #4: Watches



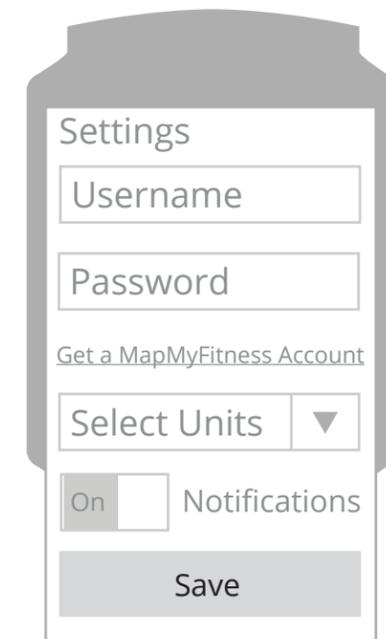
Screen #5: Utilities



Screen #6: Settings

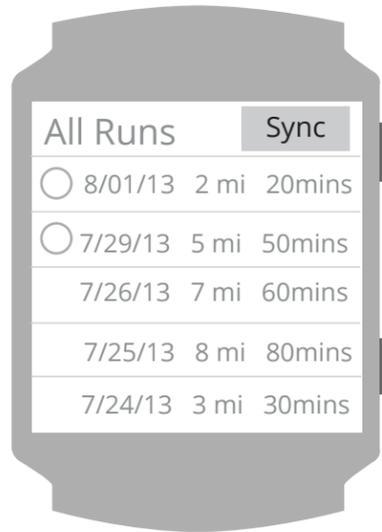


Screen #7 - Run App Home



Screen #8 - App Settings

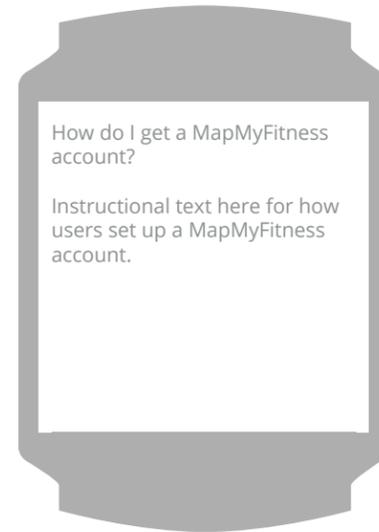
# Screen Inventory (2 of 5)



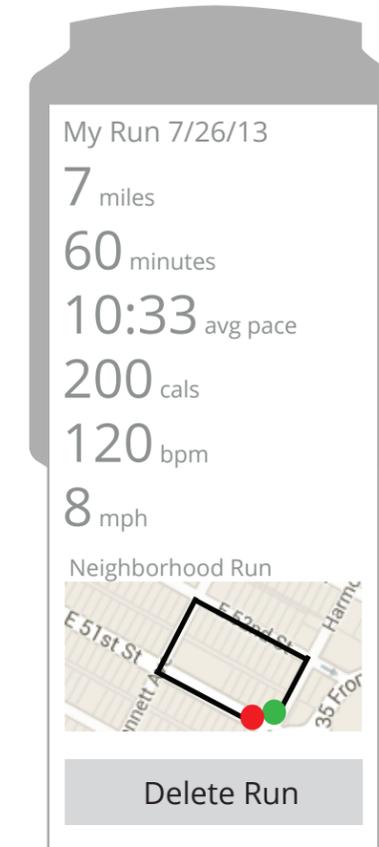
Screen #9 : List of Past Runs



Screen #26 : Help



Screen #26 : Get An Account



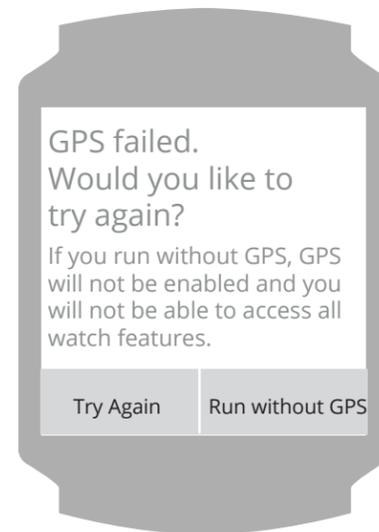
Screen #11: Run Detail



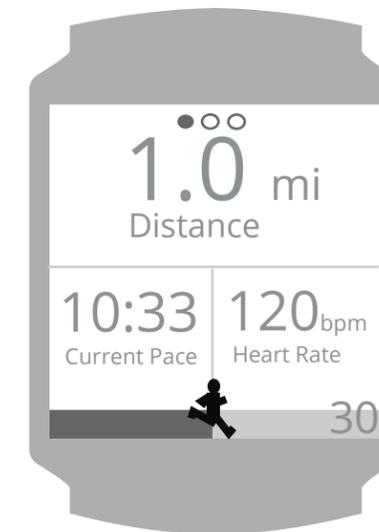
Screen #24 : Run Detail Map



Screen #25: Delete Run Dialog

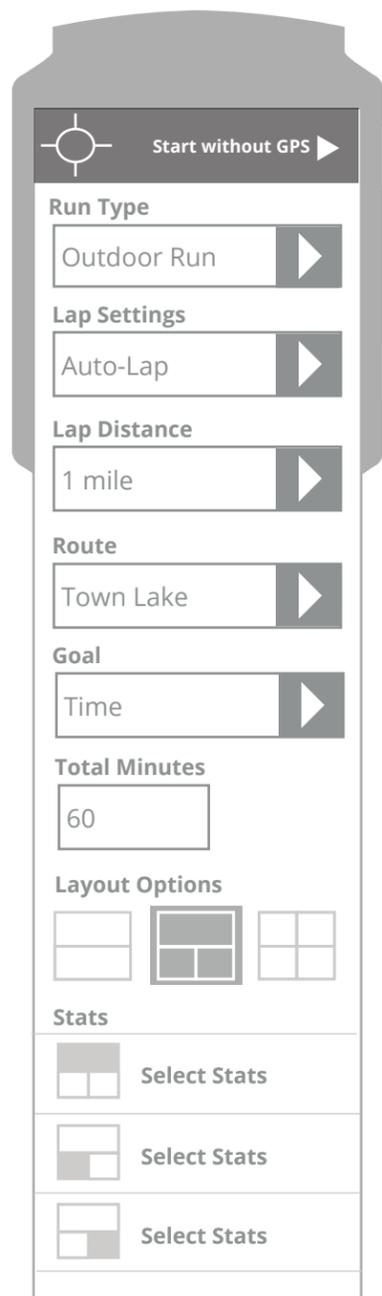


Screen #13: GPS Failed

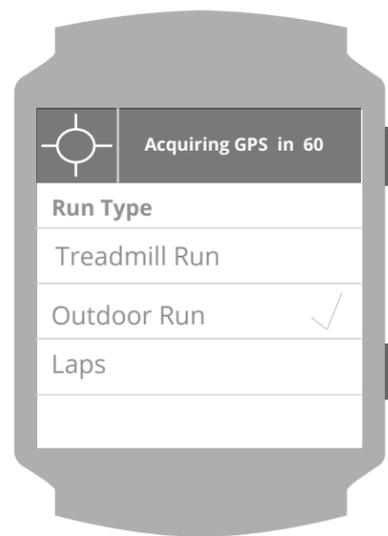


Screen #15: Run Screen - Stats

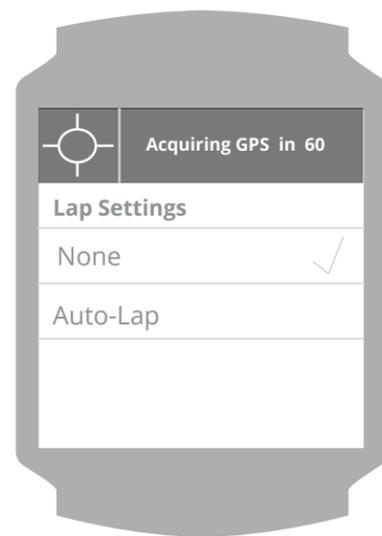
# Screen Inventory (3 of 5)



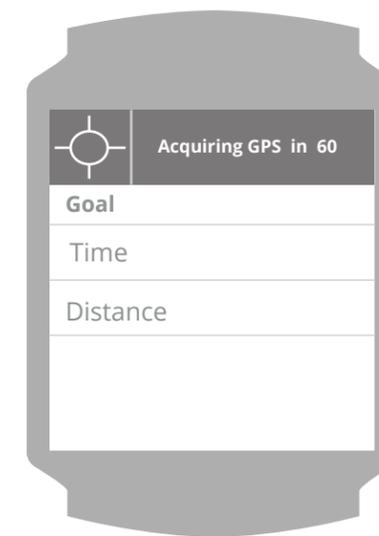
Screen #14: Run Settings



Screen #27: Run Type



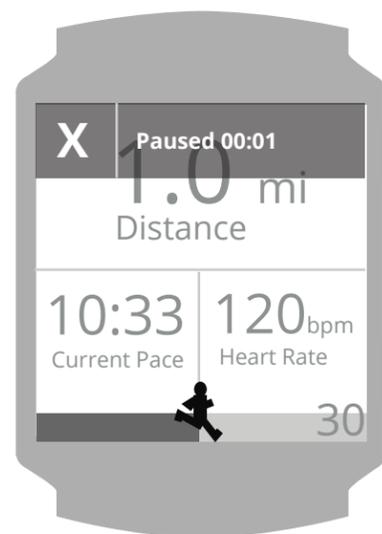
Screen #28: - Lap Settings



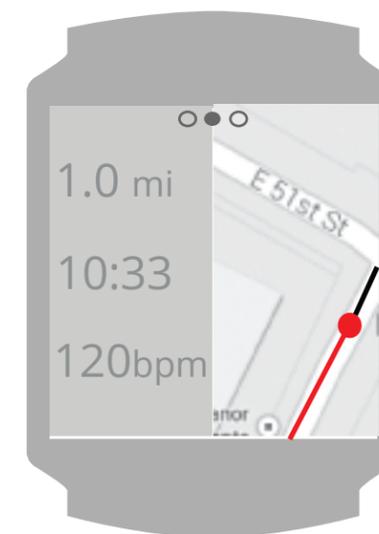
Screen #29: Goal Type



Screen #30: Route

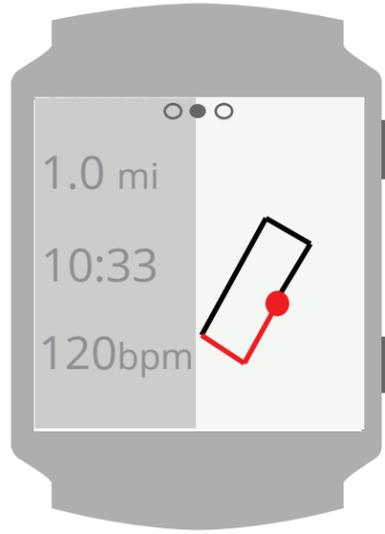


Screen #22: Run Screen - Run Paused

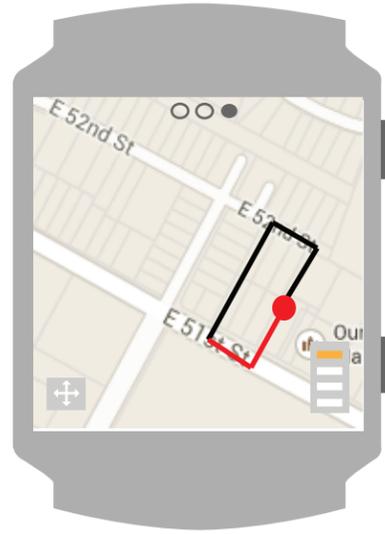


Screen #16: Run Screen - Half Map Current Location

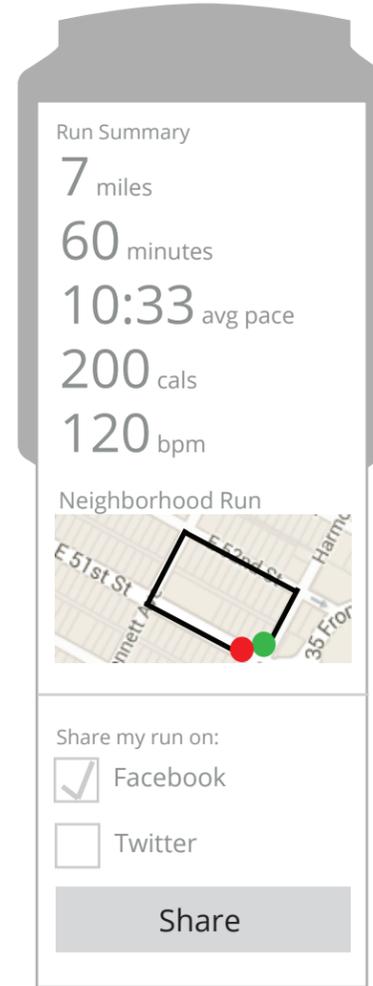
# Screen Inventory (4 of 5)



Screen #31: Run Screen - Half Map Full Route



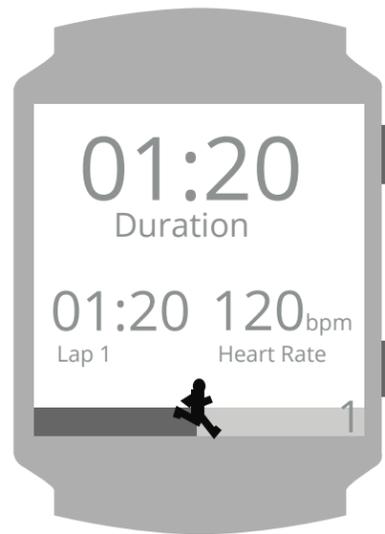
Screen #20: Run Screen - Full Screen Map



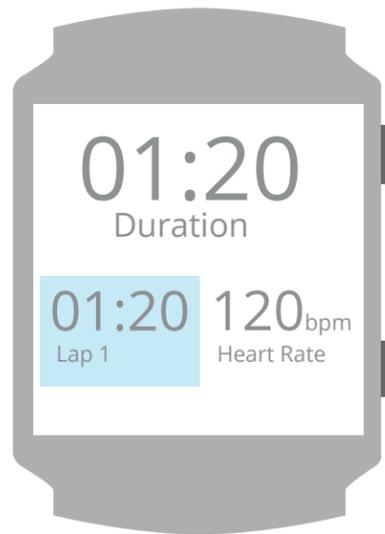
Screen #23: Run Summary



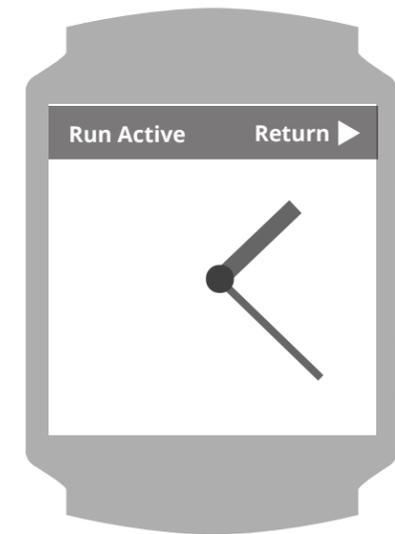
Screen #21: Run Notification



Screen #32: Run Screen - Auto-Lap

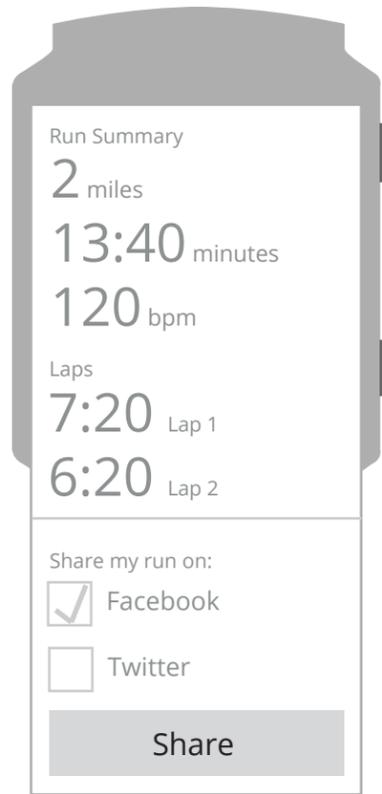


Screen #33: Run Screen - Manual Lap



Screen #35: Run Active

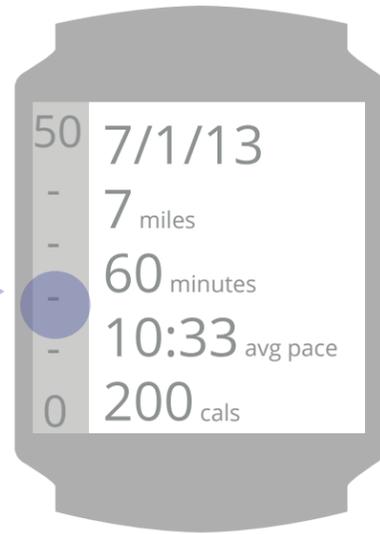
## Screen Inventory (5 of 5)



**Screen #34: Lap Summary**

# Running App Screens & Flow - Exploration 2

General Settings screen.  
Fb and Twitter settings are displayed in separate screens.



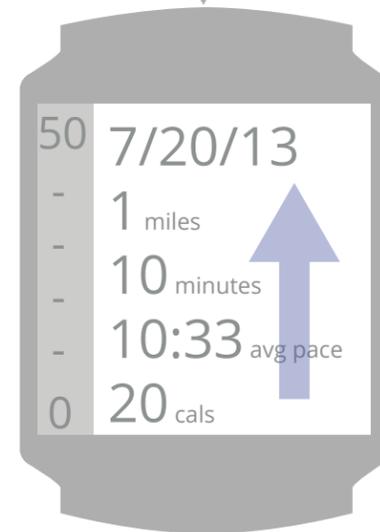
All Runs screen.  
The total mileage is listed on left.  
Sliding up and down this control changes which run is displayed.



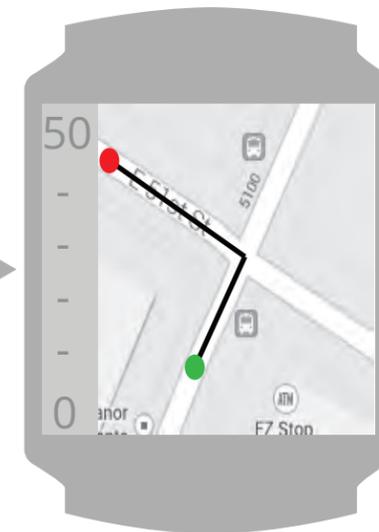
Sync/Upload screen  
Sync watch with app. Manually upload runs.



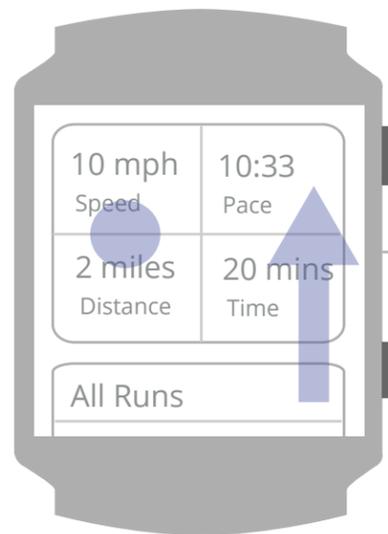
Facebook & Twitter Settings screens



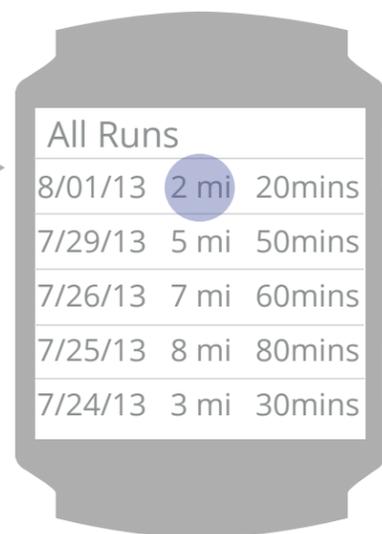
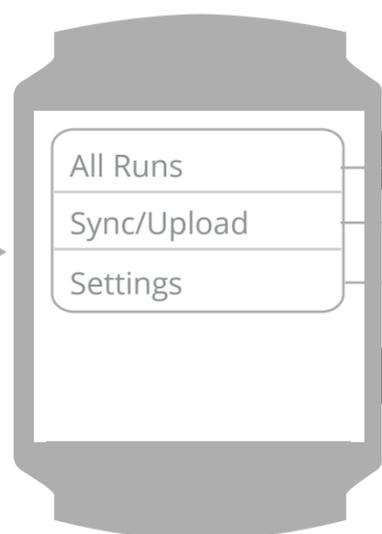
Run Detail screen.  
The stats for the run are displayed. Scrolling up displays route on map.



# Running App Screens & Flow - Exploration 3



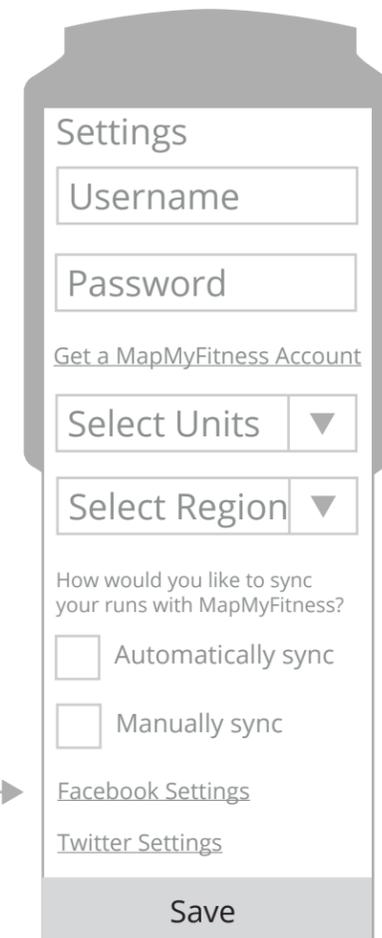
App Homescreen.  
Displays some stats about most recent run, and navigation to all runs, sync, and settings. Tap stats to see run detail.



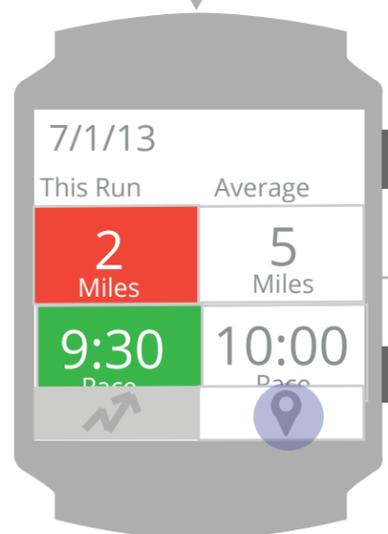
All Runs screens.  
List of all runs. Tapping one displays run details.



Sync/Upload screen  
Sync watch with app. Manually upload runs.



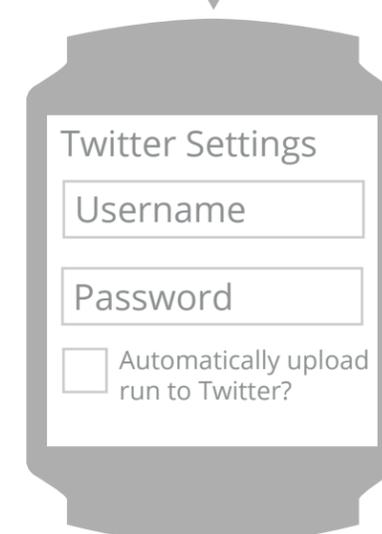
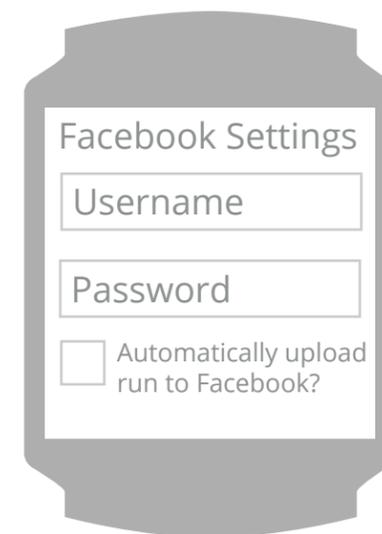
General Settings screen.  
Fb and Twitter settings are displayed in separate screens.



Run Detail screen - stats.  
Current run stats compared with averages. Tap map button.

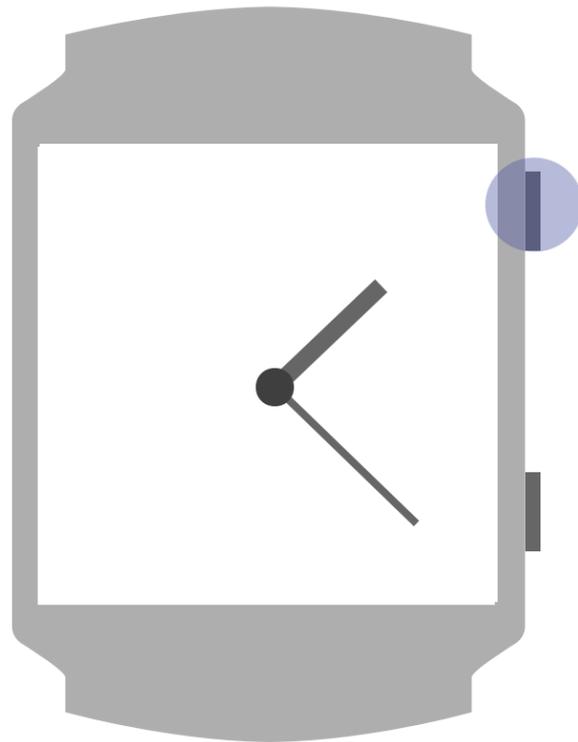


Run Detail screen - map  
Route taken with starting and stopping points.

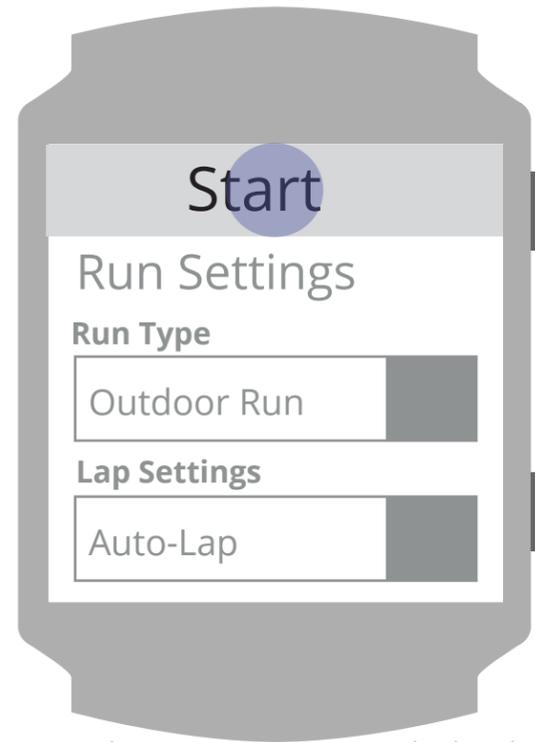


Facebook & Twitter Settings screens

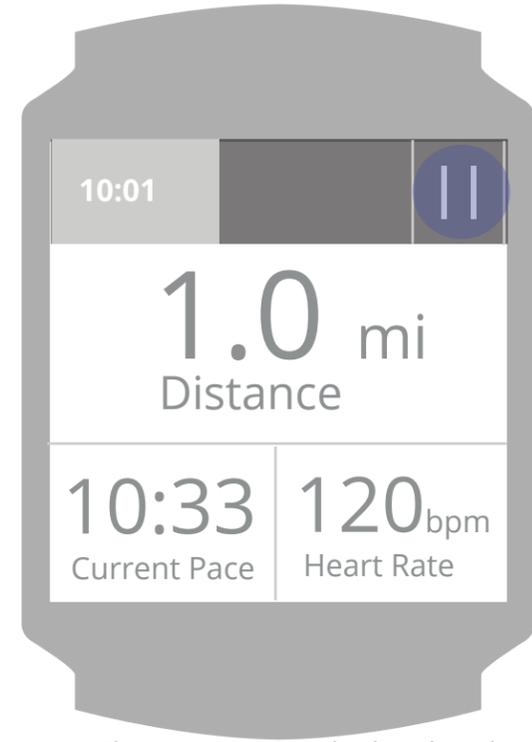
# Start/End/Pause (hard key start/end, touch to pause)



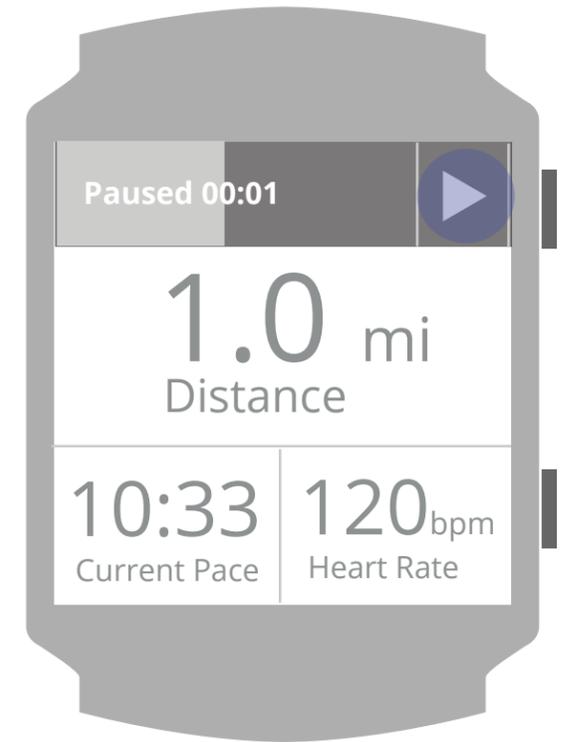
1 Press the top hard key to start a run.



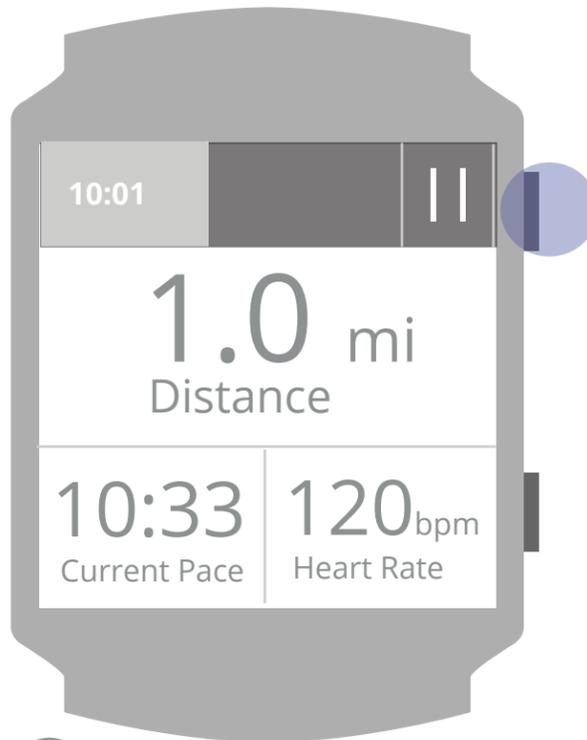
2 The run settings screen is displayed. Tap the start button.



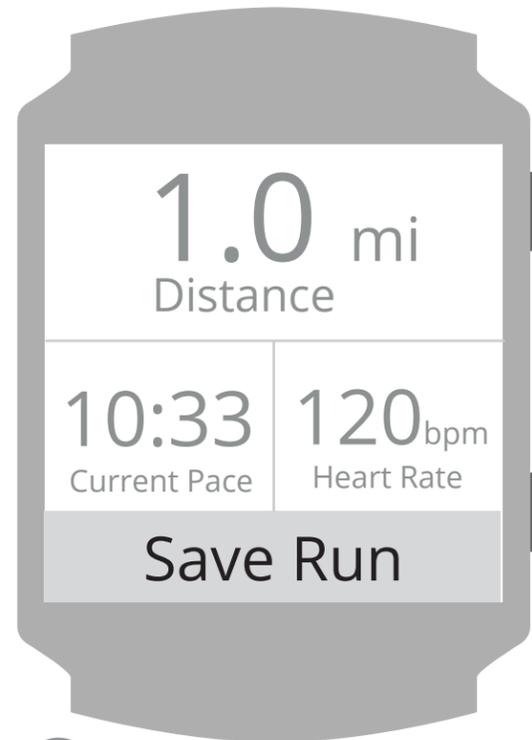
3 The stats screen is displayed. At the top of the screen is an elapsed time and progress indicator, along with the option to pause the run. The user taps pause.



4 The run is paused. There is an elapsed time indicator, as well as the option to resume run. The user taps resume run.

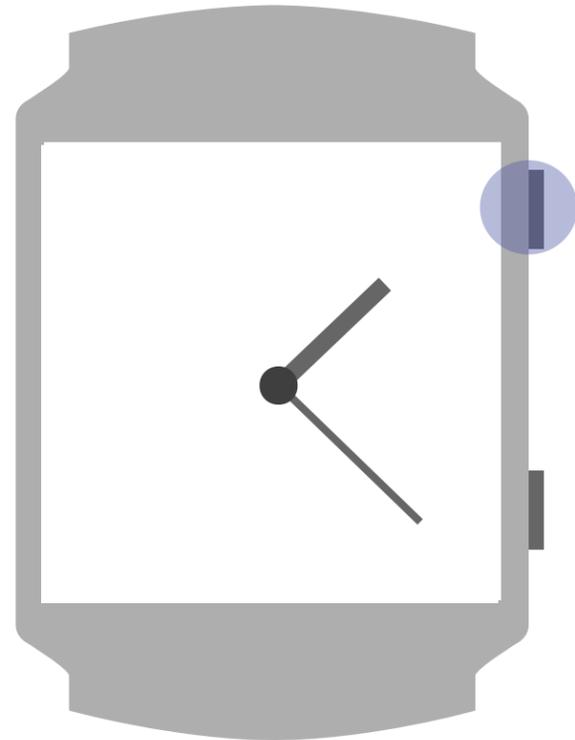


5 The user presses the top hard key.

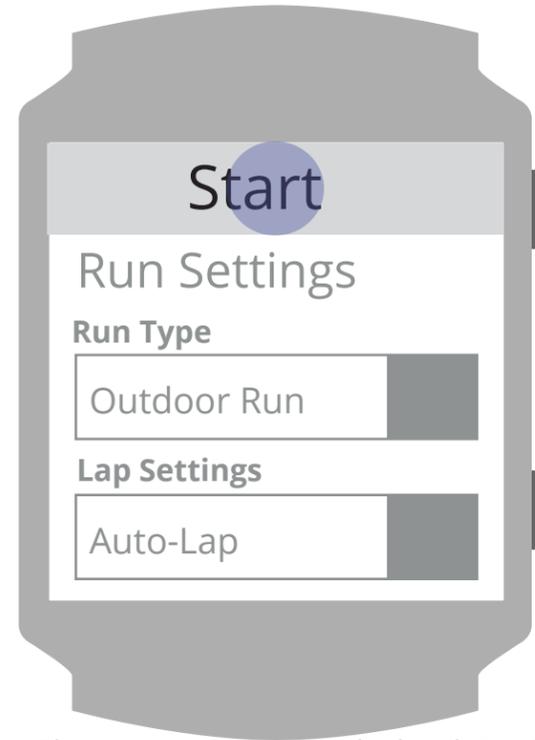


6 The run summary screen is displayed.

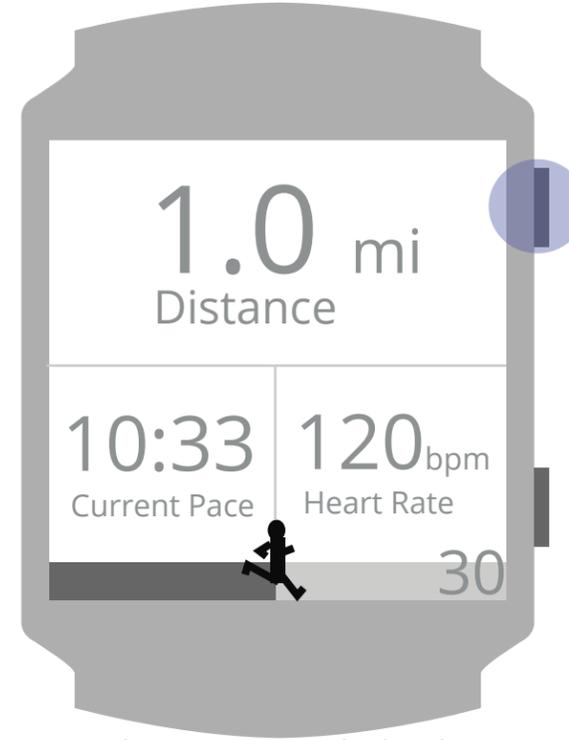
# Start/End/Pause (single press to stop, double press to pause)



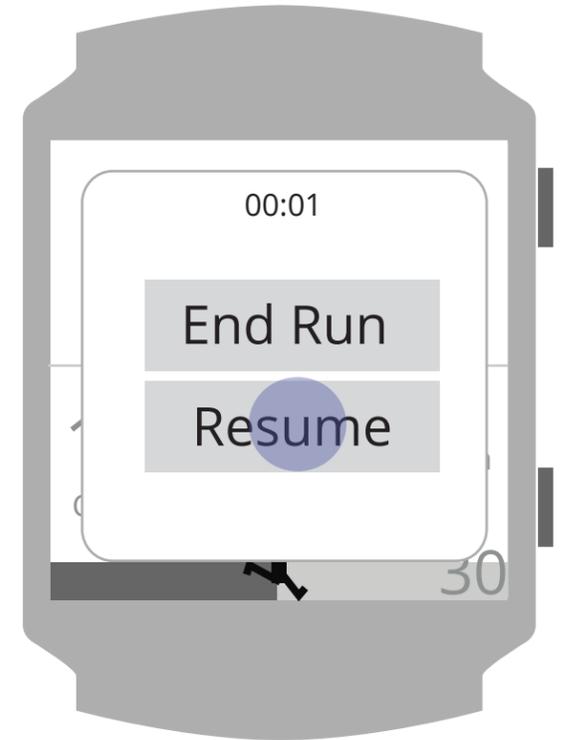
1 Press the top hard key to start a run.



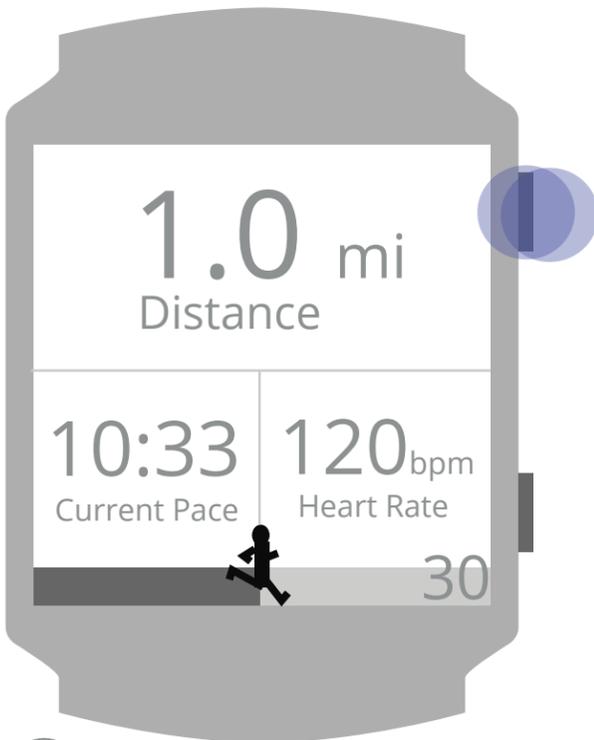
2 The run settings screen is displayed. Tap the start button or press the top hard key again.



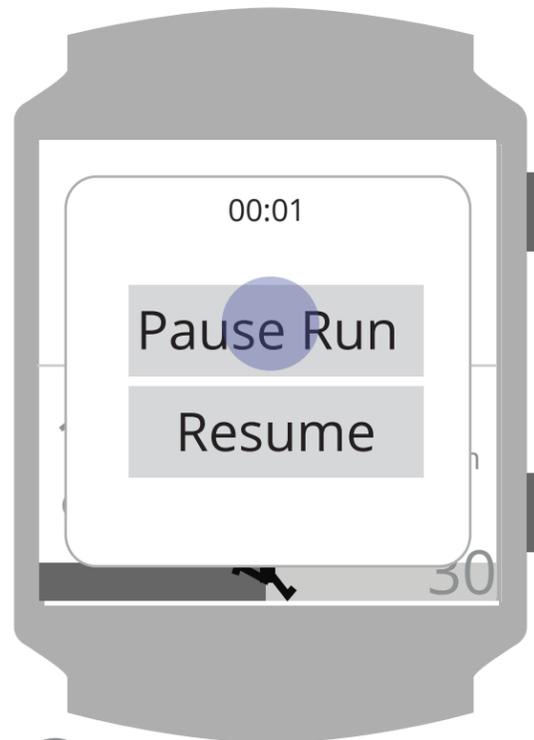
3 The stats screen is displayed. Pressing the top hard key pauses the run and displays an interstitial.



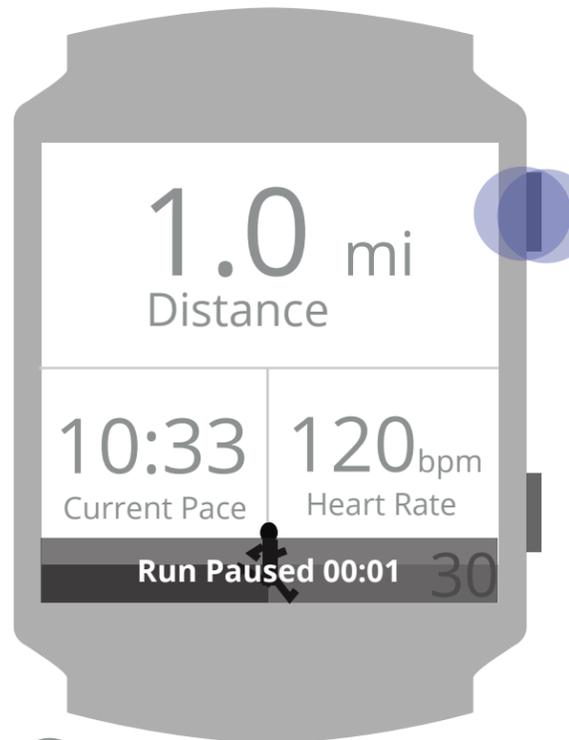
4 The run is paused. There is an elapsed time indicator, as well as options to end run and resume run. The user taps resume.



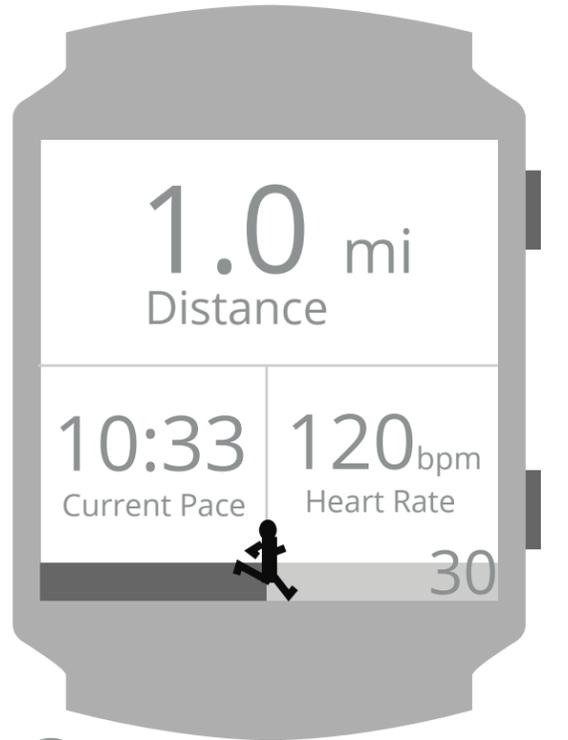
5 The run has been resumed. Double press the top hard key.



6 The run is paused. There is an elapsed time indicator, as well as options to pause run and resume run. The user taps pause run.

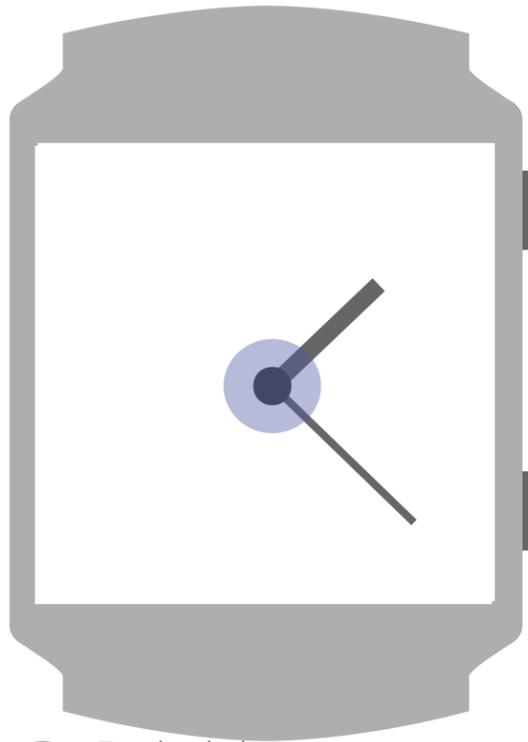


7 The run is paused. The run screens display a banner displaying elapsed time. The user double presses the top hard key again.

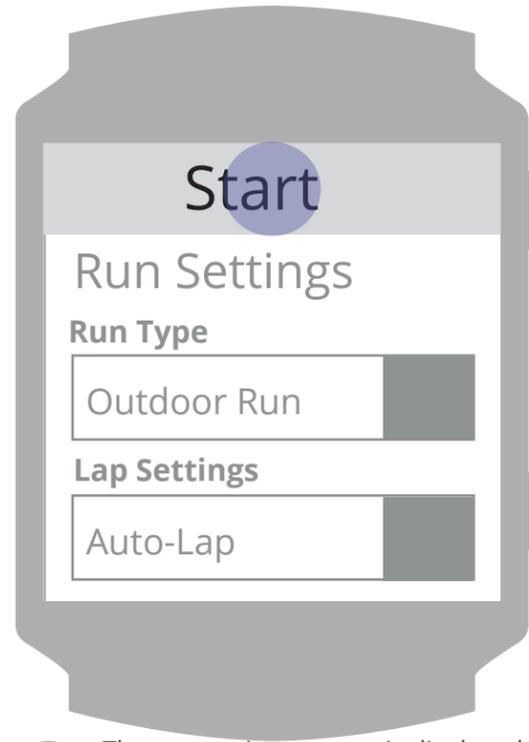


8 The run resumes.

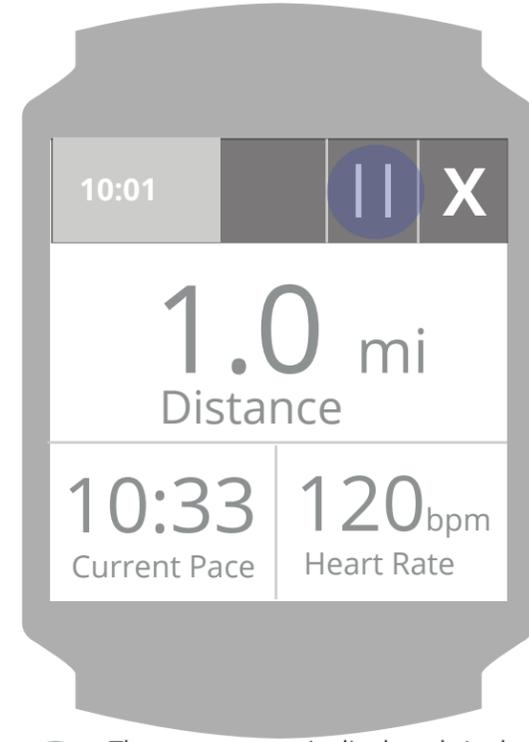
# Start/End/Pause (touch)



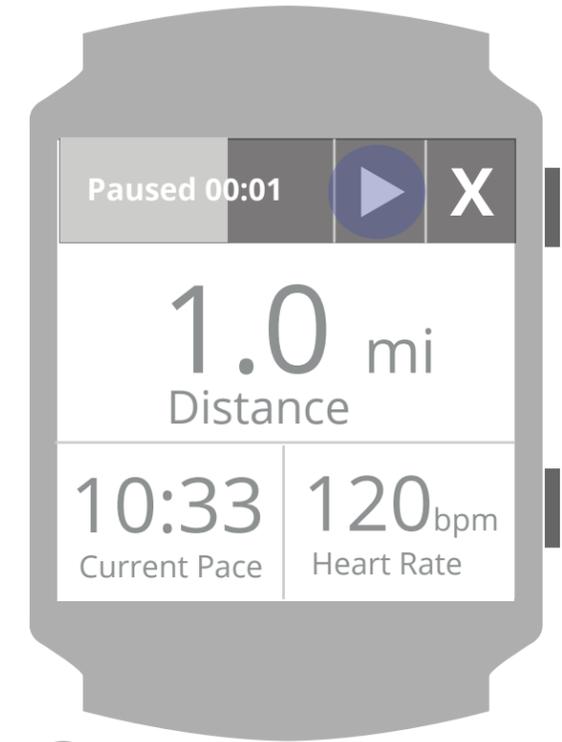
1 Tap the clock to start a run.



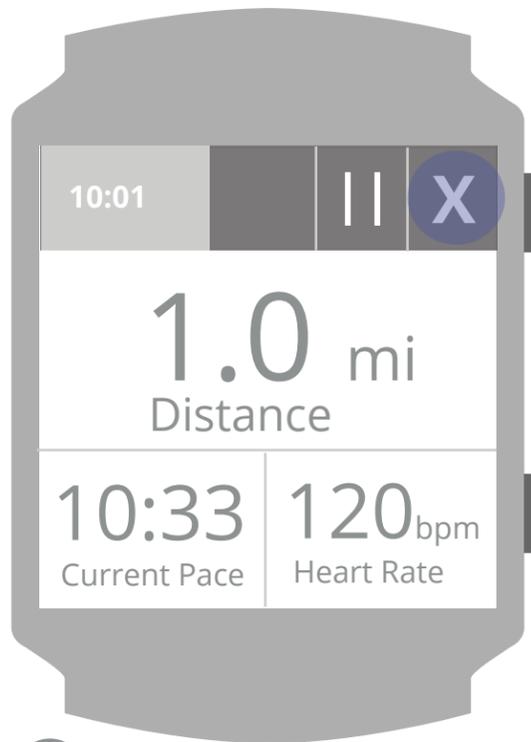
2 The run settings screen is displayed. Tap the start button.



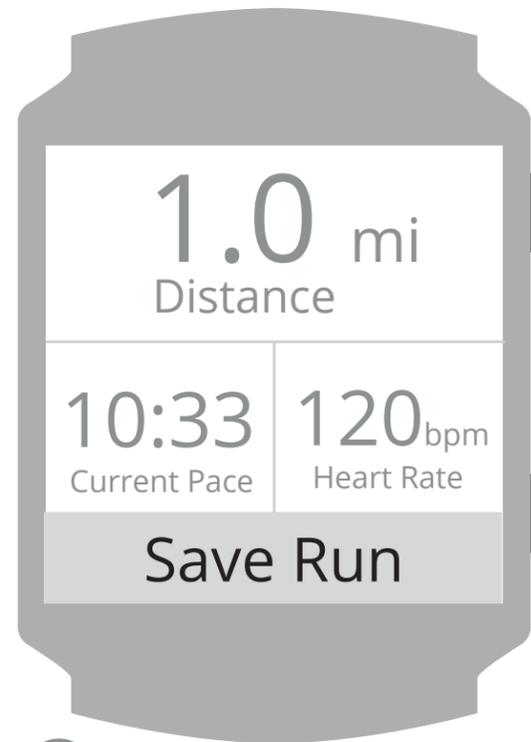
3 The stats screen is displayed. At the top of the screen is an elapsed time and progress indicator, along with options to pause run and end run. The user taps pause run.



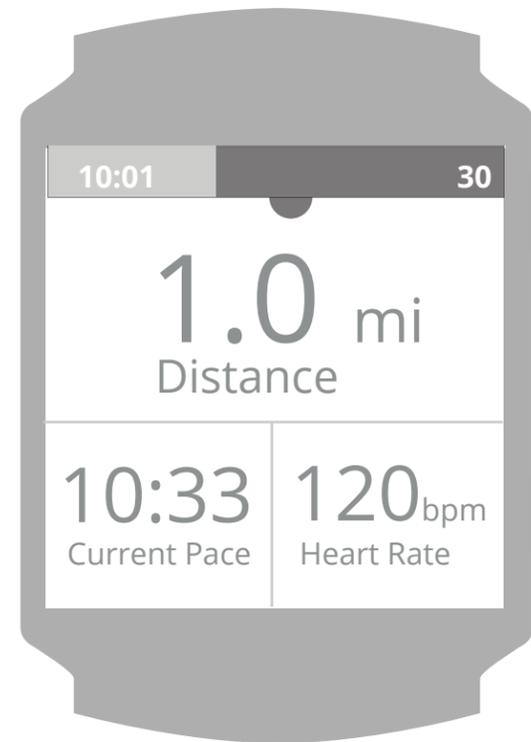
4 The run is paused. There is an elapsed time indicator, as well as options to end run and resume run. The user taps resume run.



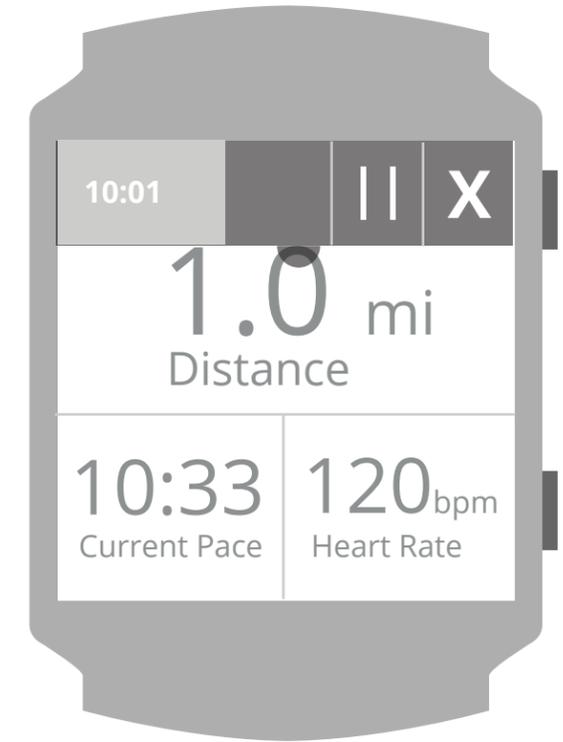
5 The run has been resumed. The user taps end run.



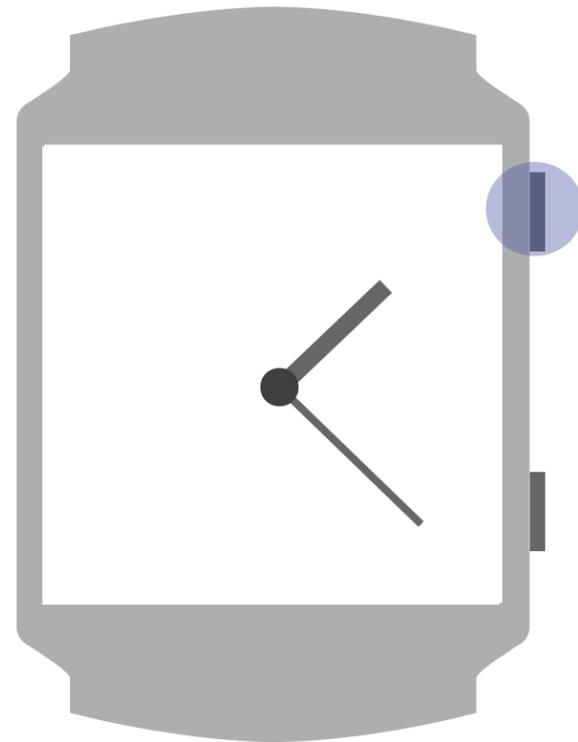
6 The run summary screen is displayed.



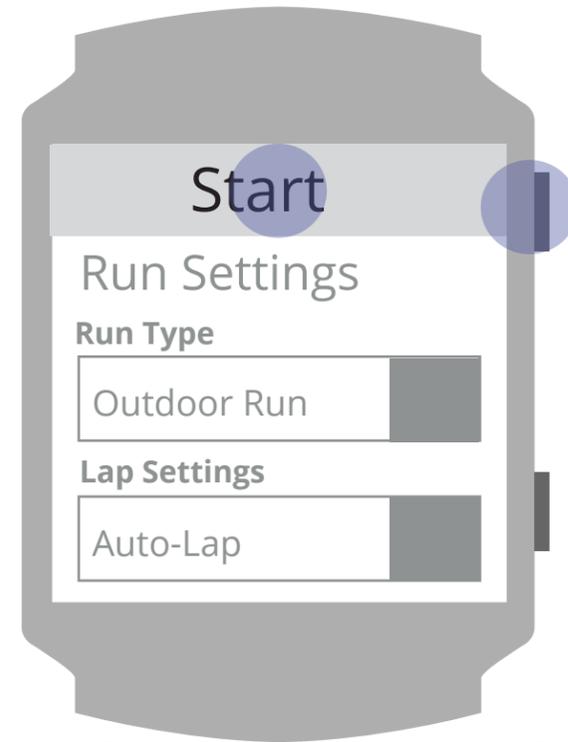
Another option is to hide the controls in a collapsed bar. Swiping down on the bar reveals the controls. Swiping up on the bar hides the controls.



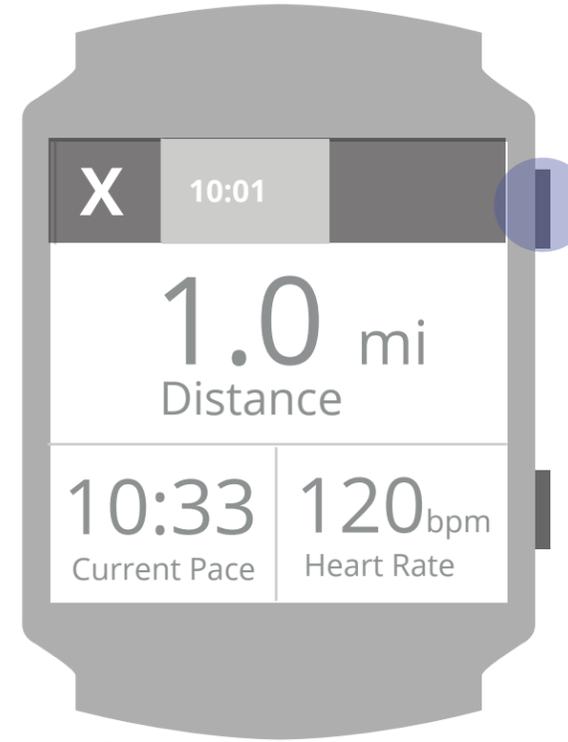
# Start/End/Pause (hard key starts and pauses, touch to end)



1 Press the top hard key to start a run.



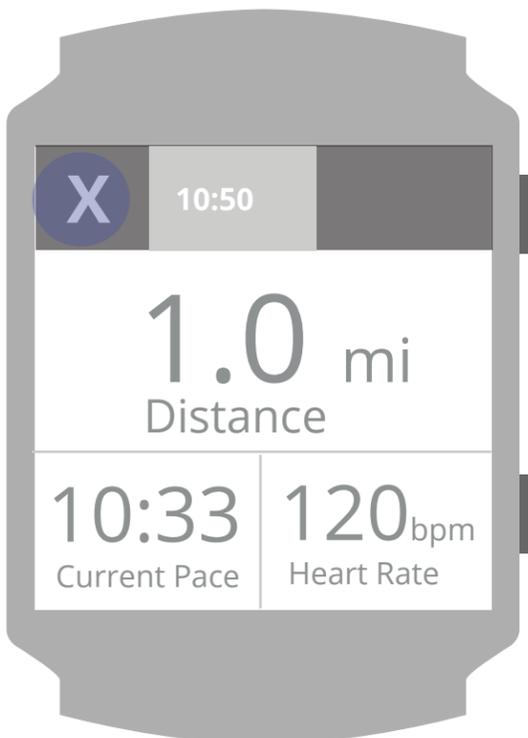
2 The run settings screen is displayed. Tap the start button or press the top hard key again.



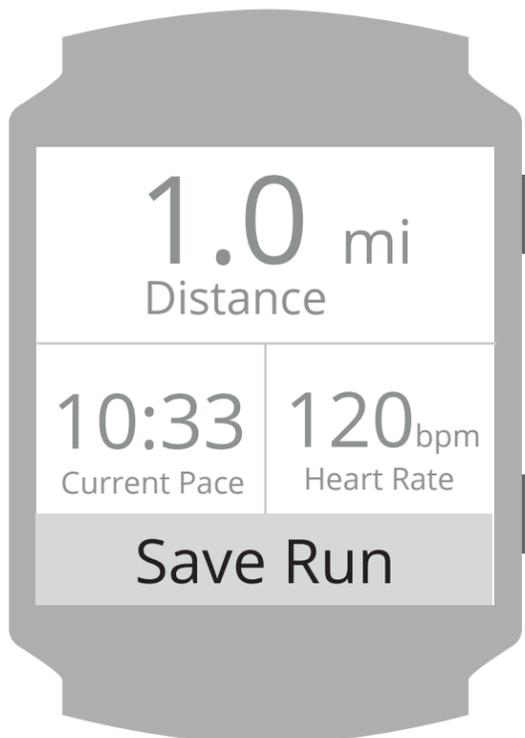
3 The stats screen is displayed. At top there is a button to stop the run, as well as elapsed time and a progress indicator. Press the top hard key to pause the run.



4 The run is paused. The user can either stop the run while it is paused, or he can press the top hard key again to un-pause the run. The user presses the top hard key.

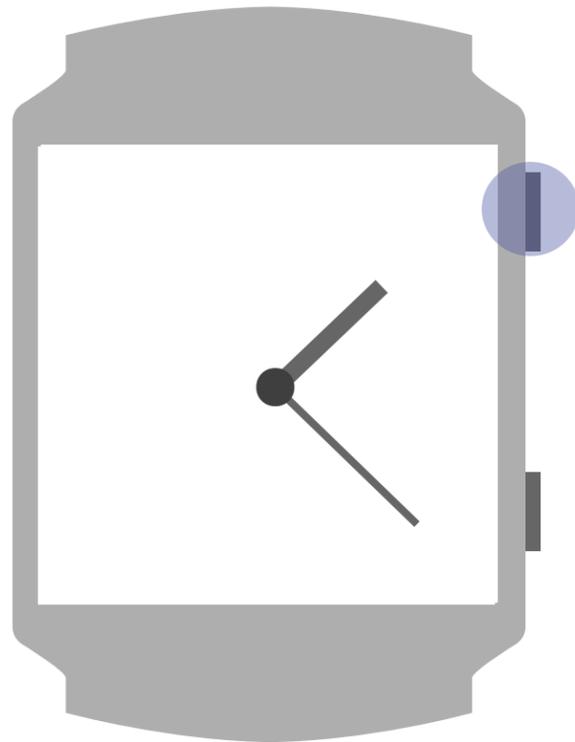


5 The run has been resumed. The user taps the end run button.

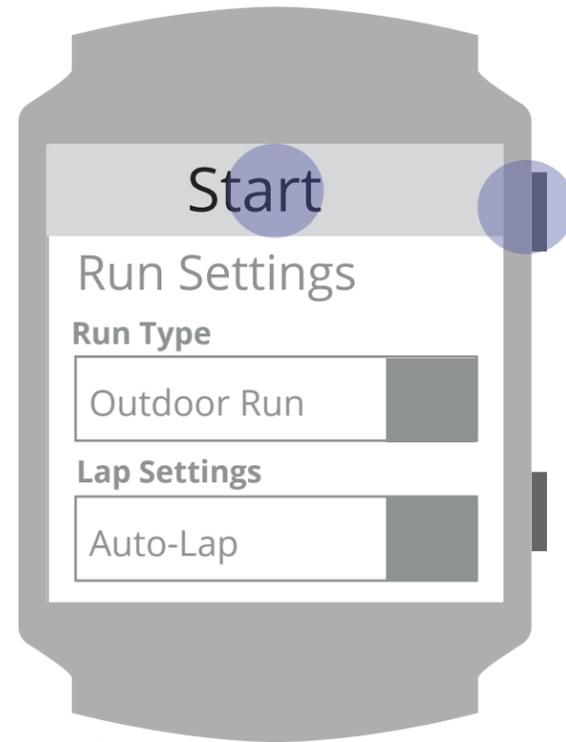


6 The run summary screen is displayed.

# Start/End/Pause (pause menu)



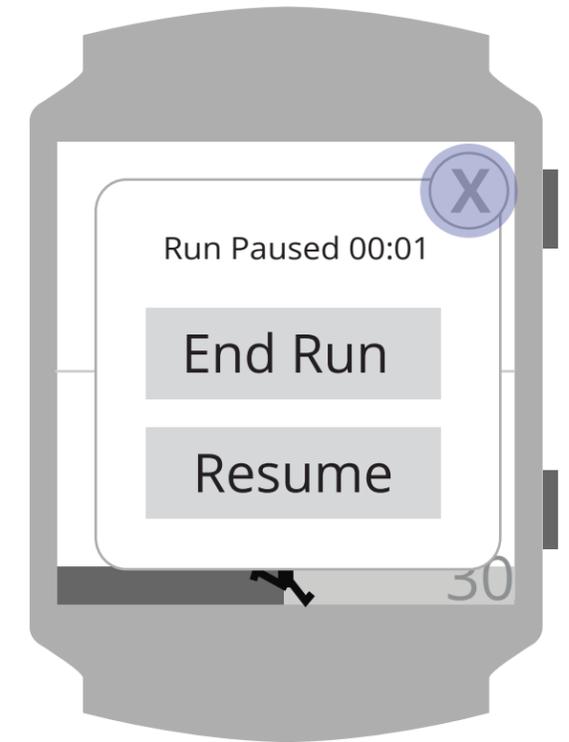
1 Press the top hard key to start a run.



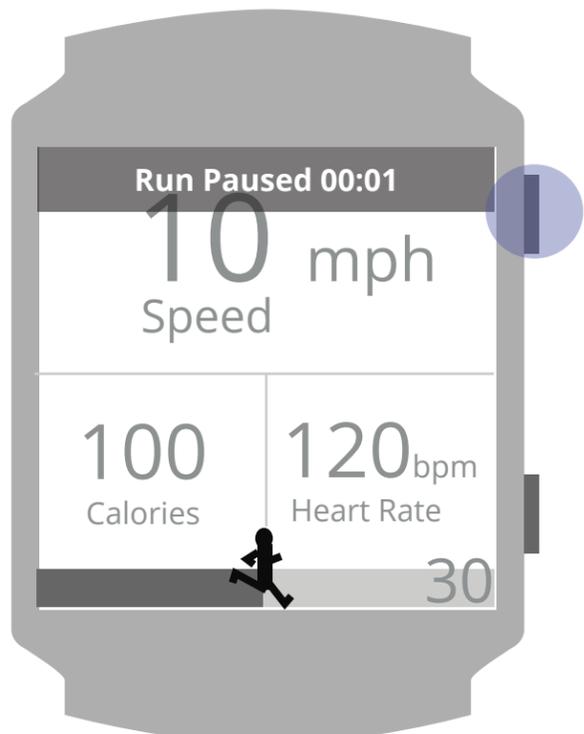
2 The run settings screen is displayed. Tap the start button or press the top hard key again.



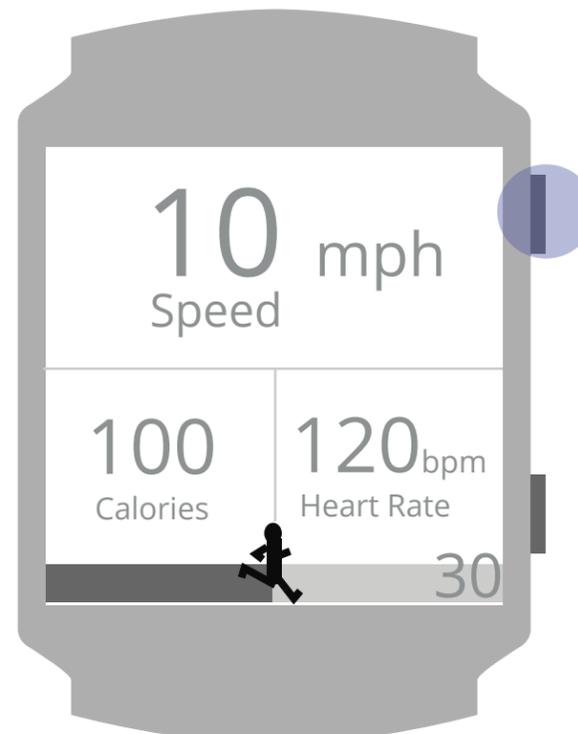
3 The stats screen is displayed. Pressing the top hard key pauses the run and displays an interstitial.



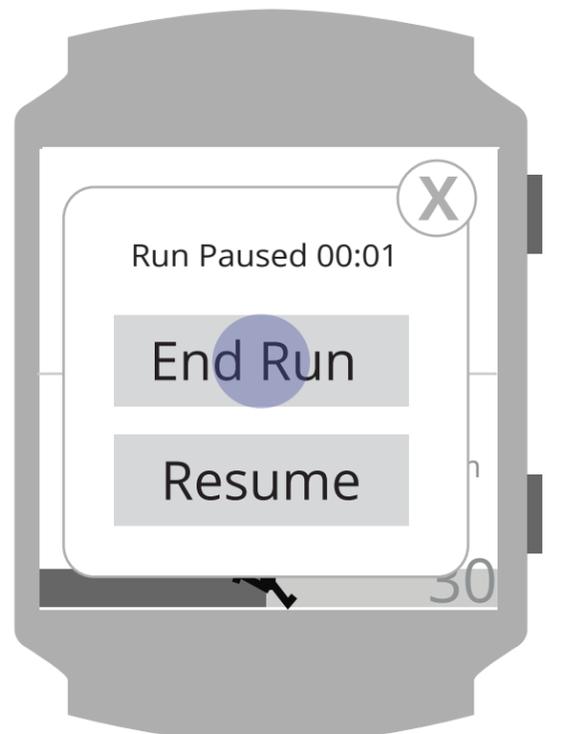
4 The run is paused. There is an elapsed time indicator, as well as options to end run and resume run. Tapping the close button dismisses the screen (The run is still paused.)



5 The stat screen is displayed with a banner indicating that the run is in paused state. Pressing the top hard key again un-pauses the run.



6 The run is in active state. Pressing the button again pauses the run and displays the interstitial.

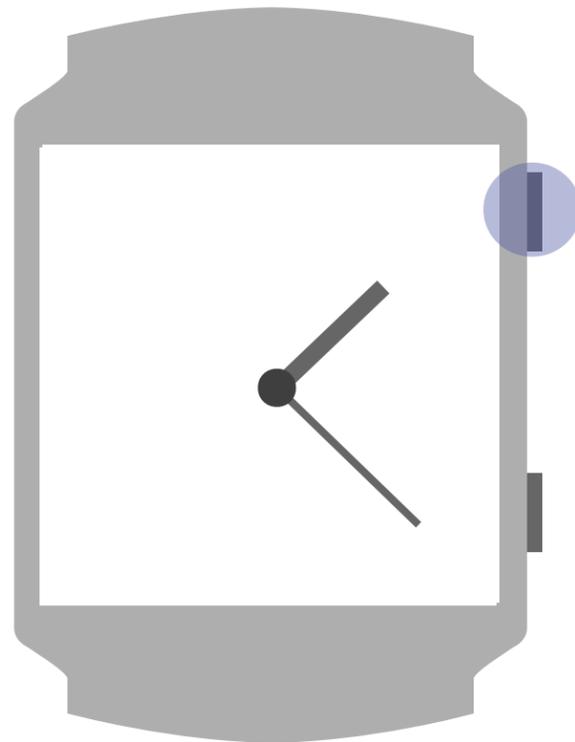


7 The user taps end run.

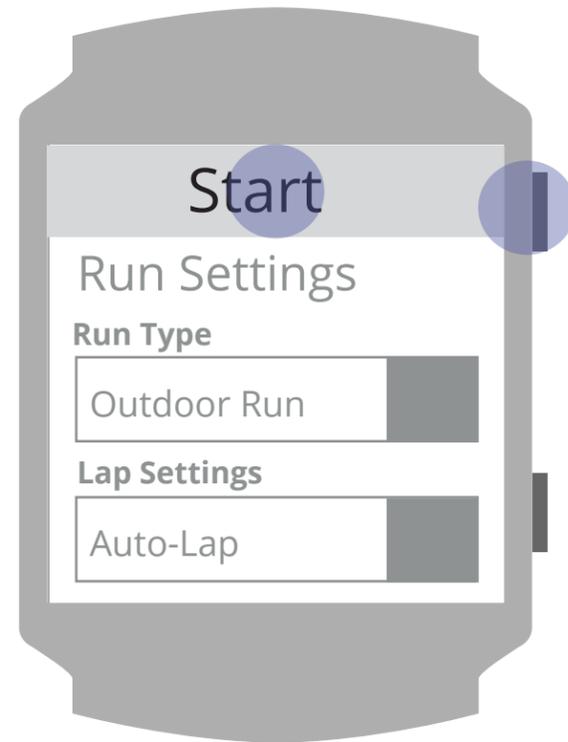


8 The run summary screen is displayed.

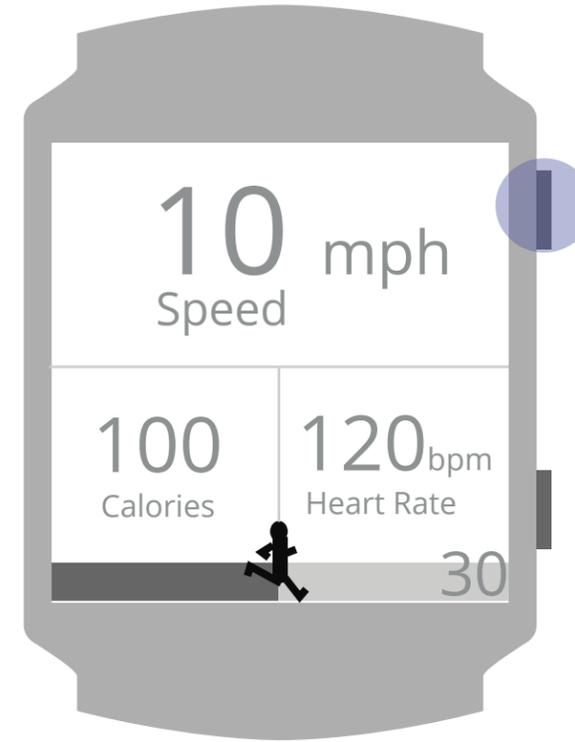
# Start/End/Pause (pause menu)



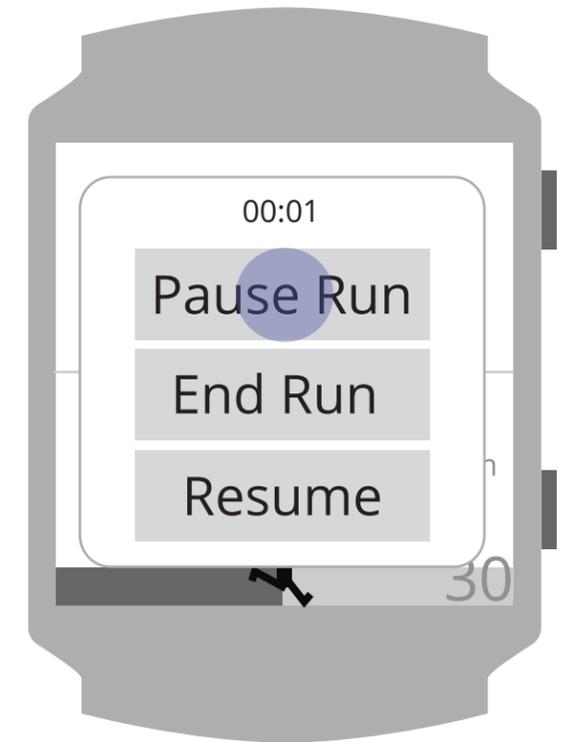
1 Press the top hard key to start a run.



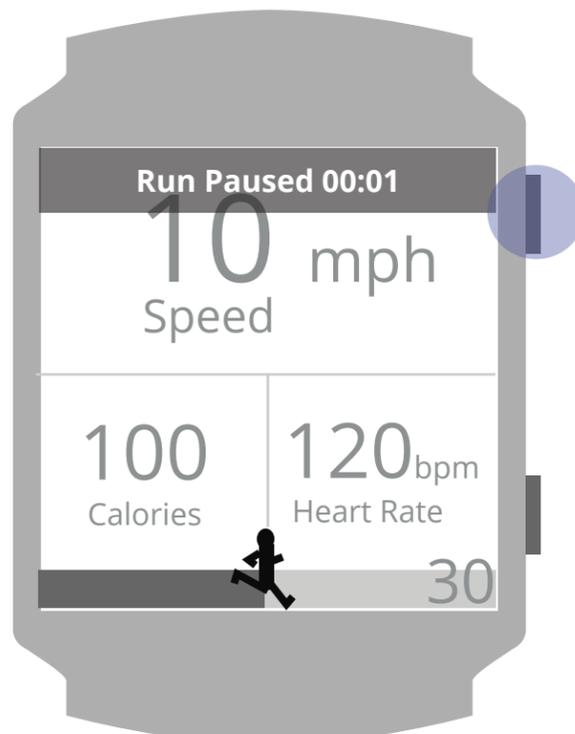
2 The run settings screen is displayed. Tap the start button or press the top hard key again.



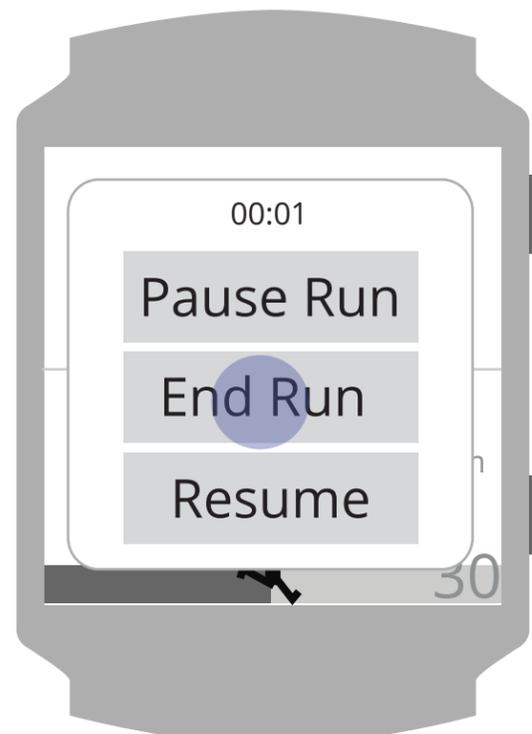
3 The stats screen is displayed. Pressing the top hard key pauses the run and displays an interstitial.



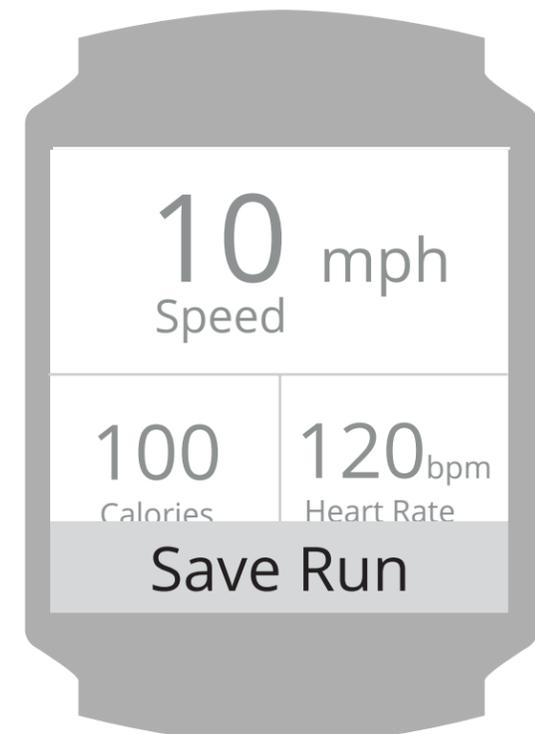
4 The run is paused. There is an elapsed time indicator, as well as options to pause run, end run and resume run. The user taps pause run.



5 The stat screen is displayed with a banner indicating that the run is in paused state. Pressing the top hard key again displays the interstitial



6 The user taps end run.



7 The run summary screen is displayed.