

DEVICE MANAGER APP

FINAL SUBMISSION



GROUP 30:

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PROBLEM STATEMENT:

Everyone uses so many IoT devices. People have difficulty to manage all of them. They face issues such as keeping track of battery left on the device. People also forget where they had kept their rarely used devices and have to spend lot of effort and time searching them.

SOLUTION STATEMENT:

This app helps user to manage all their IoT devices. Users can keep remote track of battery of all their devices status and various options related to it such as setting reminder and scheduling your events for app to suggest appropriate charging time. App also lets you track all devices from one place.

FIGMA LINK:

<https://www.figma.com/proto/gmasFwj1ycbSkXLS5L7fTM/Untitled?node-id=120%3A26&scaling=scale-down&page-id=120%3A5>

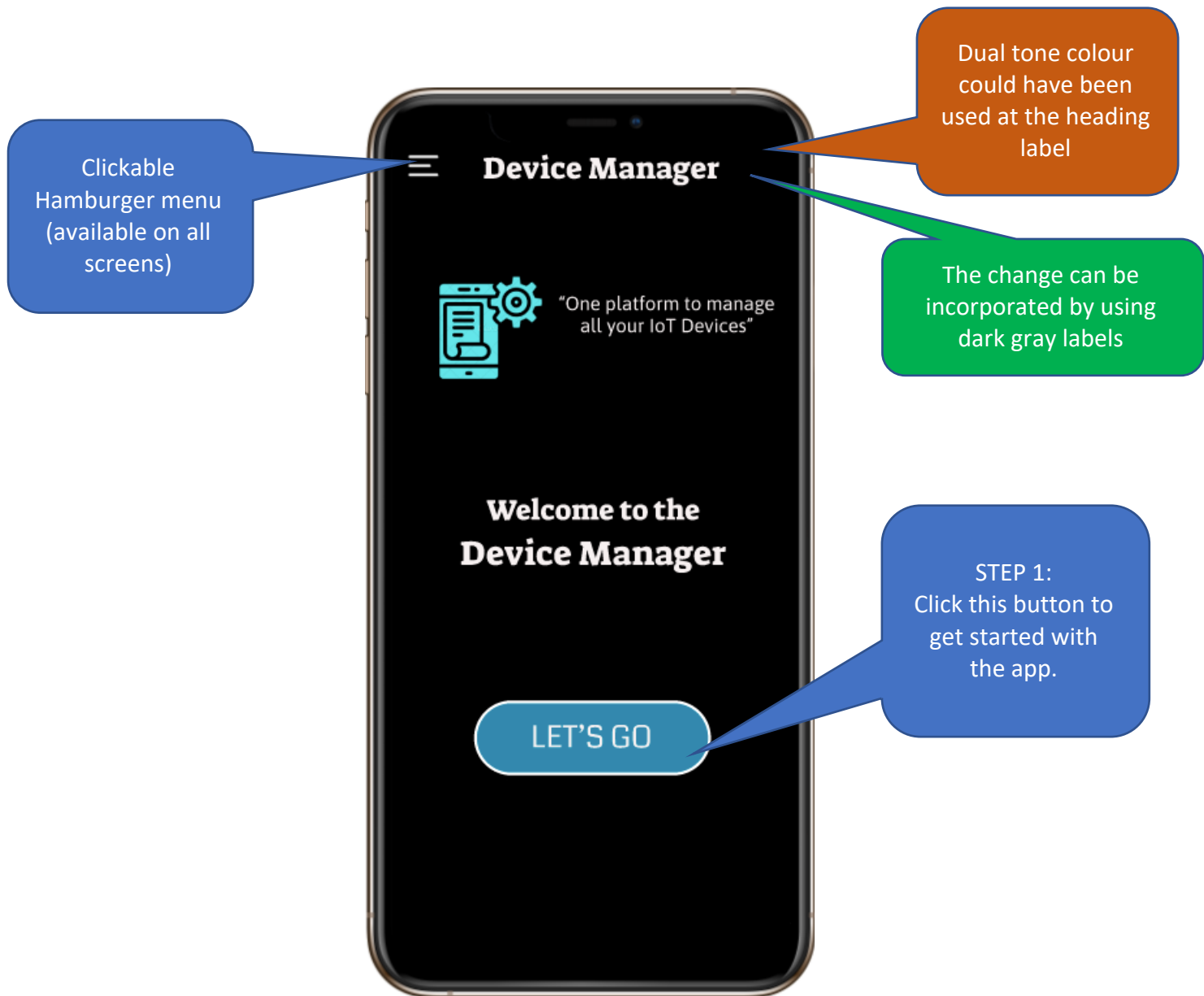
DESIGNER'S NOTES FORMS:

<https://docs.google.com/forms/d/195EW00EEW8EoP5q-XStEdp6wO7m7Pnofx90IFPJaIM/edit?usp=sharing>

COMMON FUNCTIONALITIES ON EACH SCREEN:

1. ⓘ button was added on some screens. Hovering over the button displays a pop up description of that option.
2. Back button is present on each screen to undo an operation.
3. User can access some general options from the hamburger menu available on each screen.

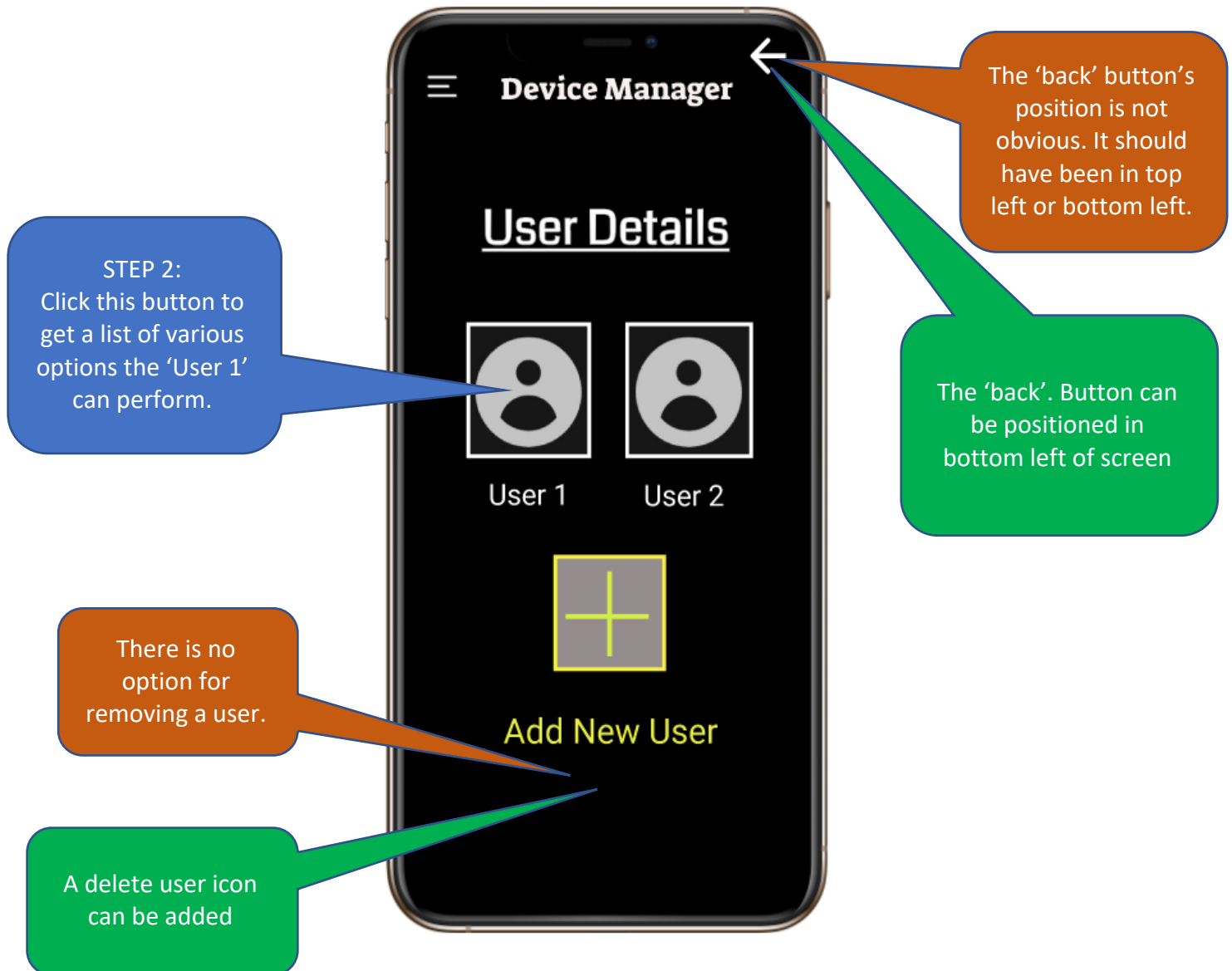
SCREEN 1: Landing page of the app.



DESCRIPTION:

This is the first screen of our app. It provides a welcome note to the user and button to enter into the app.

SCREEN 2: Select the desired user



DESCRIPTION:

Select the desired user from the list of options provided. The screen also displays an option to add a new user.

SCREEN 3: Screen displays the available functions



DESCRIPTION:

This screen allows the user to select an option between scheduling/planning his events and remotely managing all his IoT devices

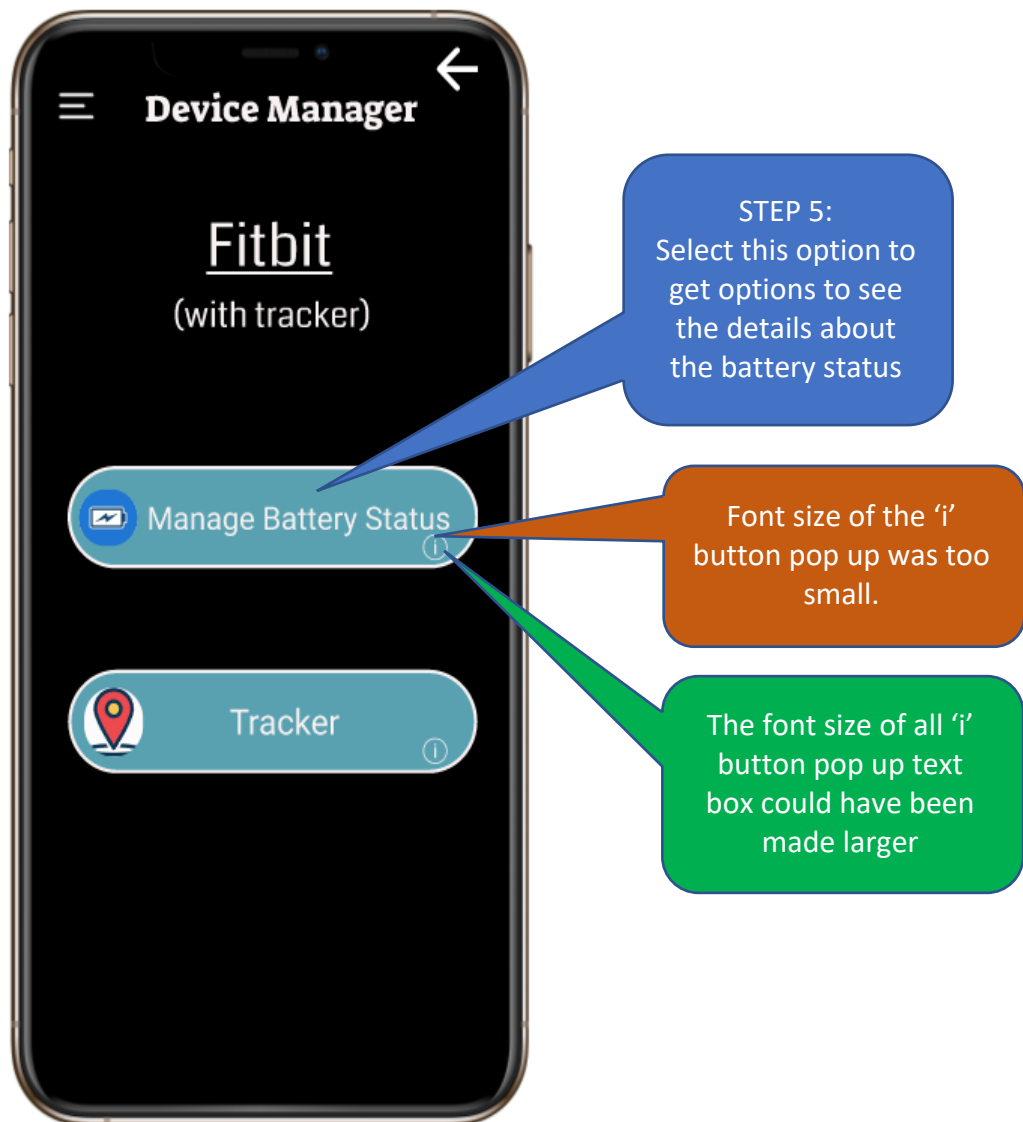
SCREEN 4: Displays various devices which the user has added



DESCRIPTION:

The screen displays various devices of the user and also gives an option to add a new device. The user can select the desired device whose information he wants to access.

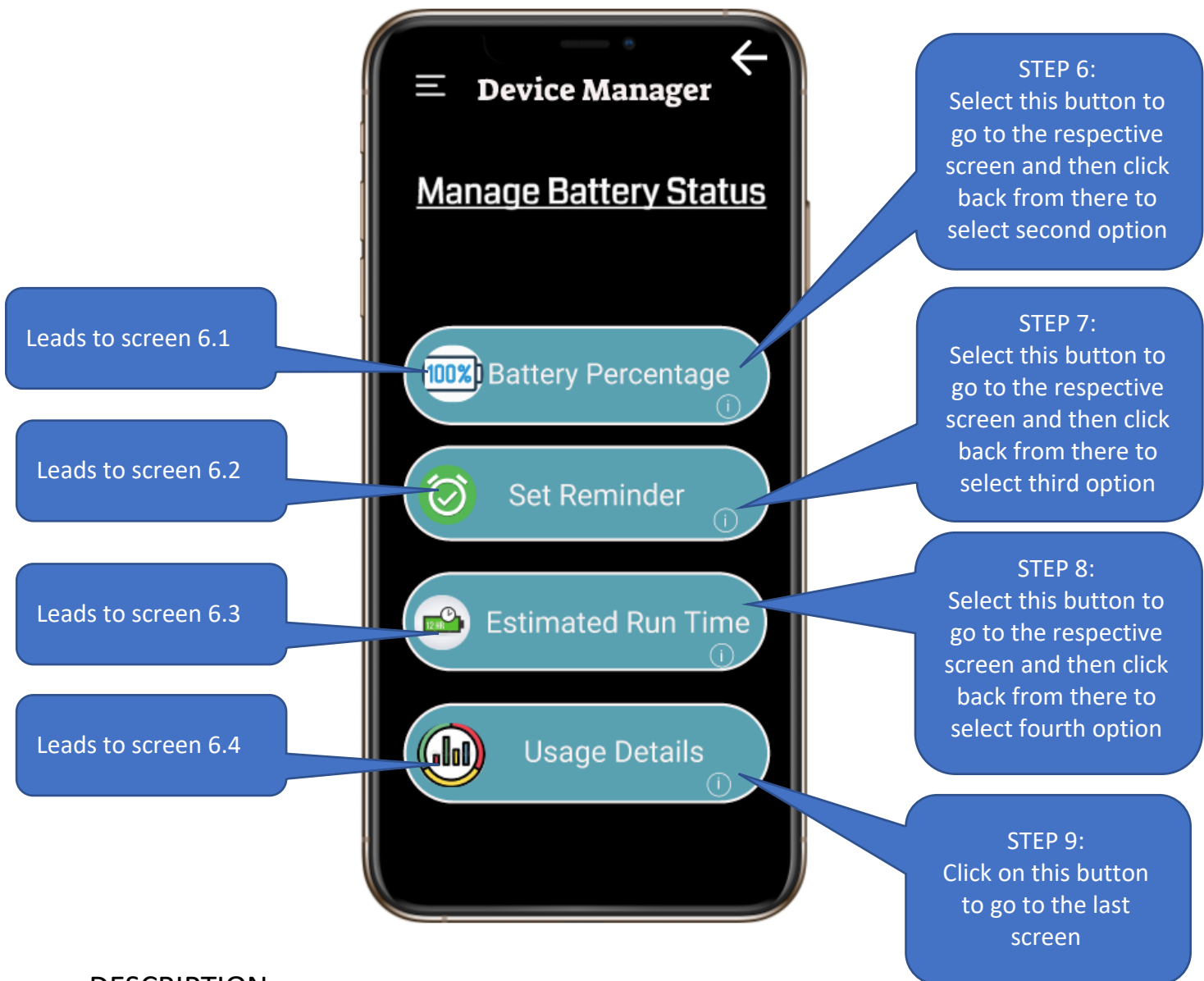
SCREEN 5: Displays the options which you can perform



DESCRIPTION:

The screen displays the options to either track your device or go to a page to see the various options to manage battery.

SCREEN 6: Displays various options to manage your device's battery

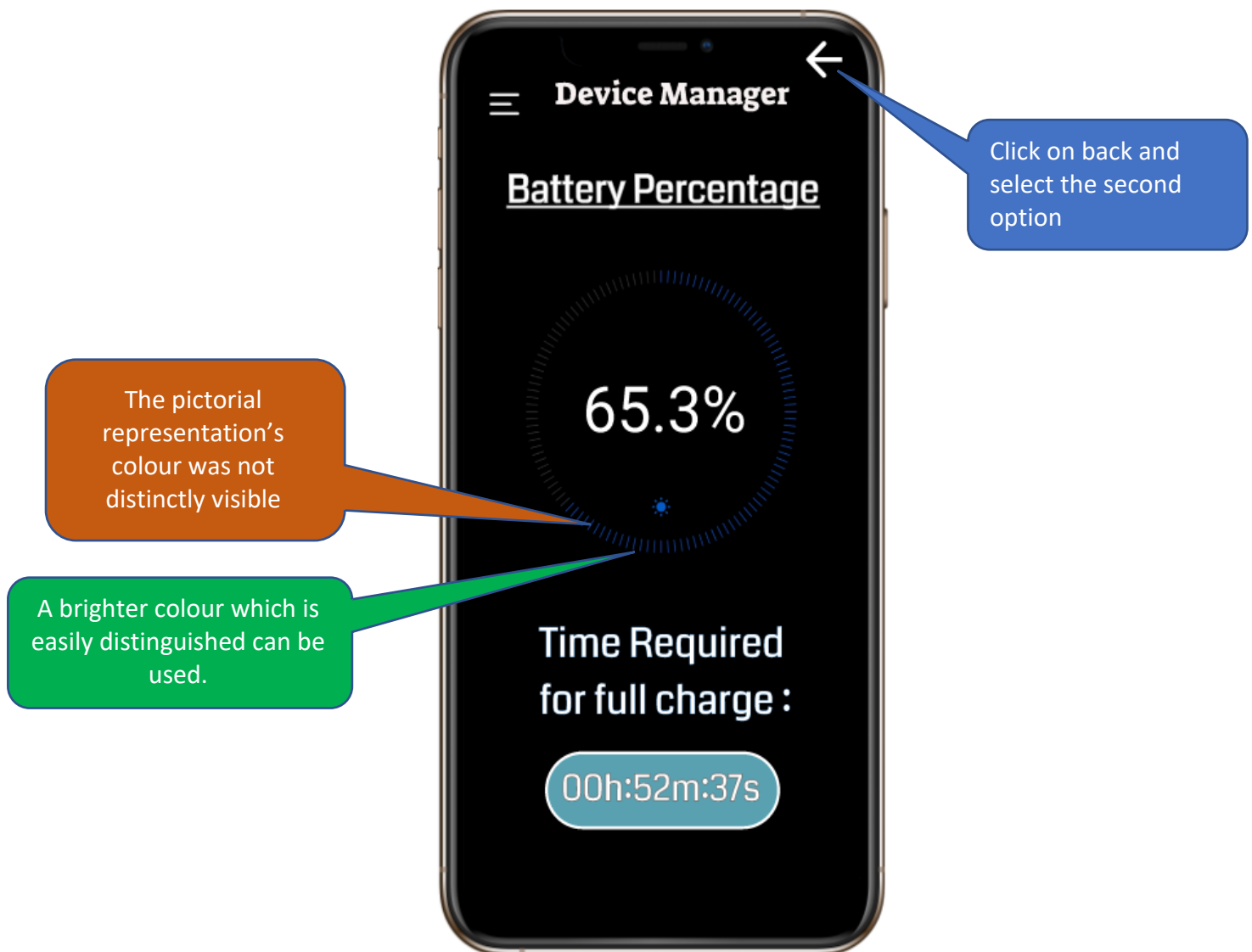


DESCRIPTION:

This screen displays the various functionalities which the app can perform to manage the selected device's battery status.

All the four options are clickable and you can select any of these.

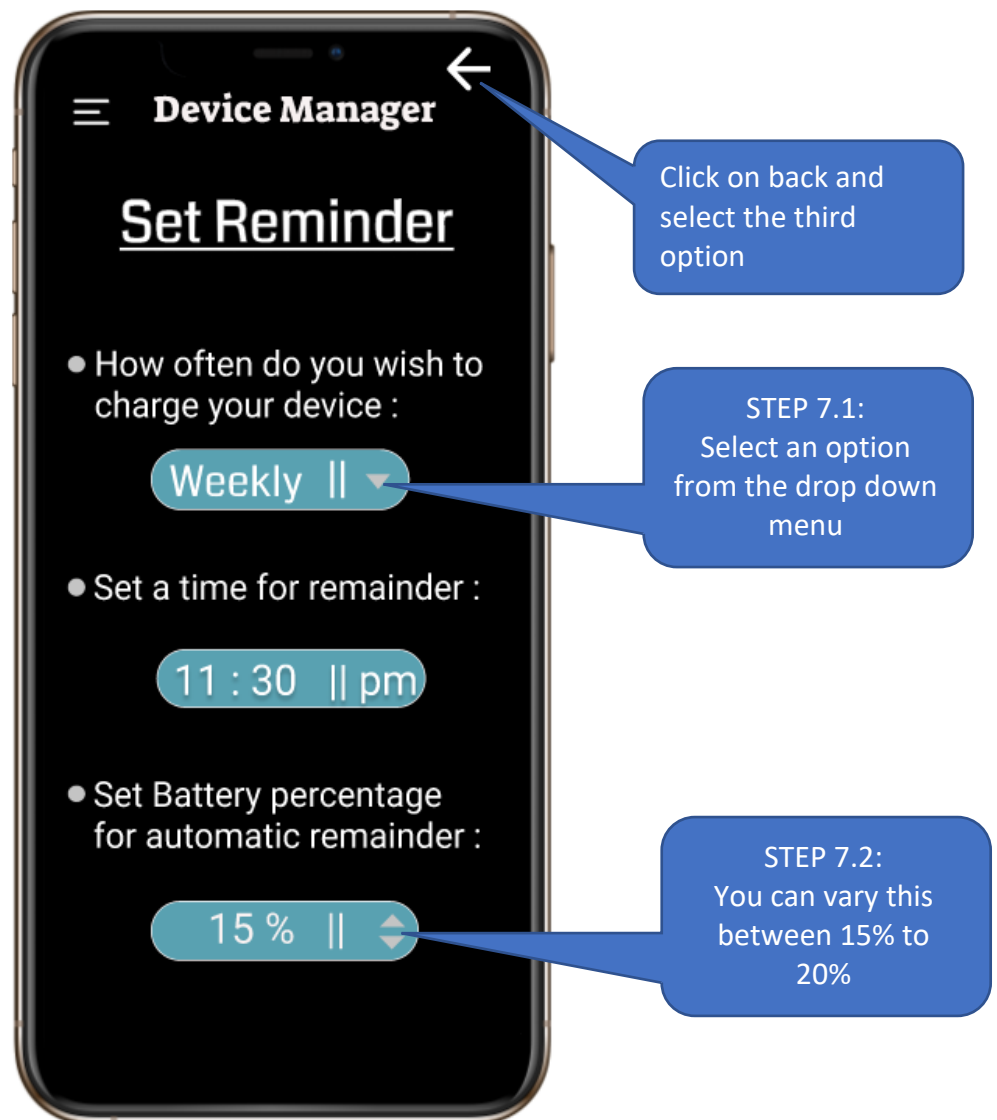
SCREEN 6.1: Pictorial depiction of current battery percentage



DESCRIPTION:

This screen displays the current battery percentage and the time required for full charge.

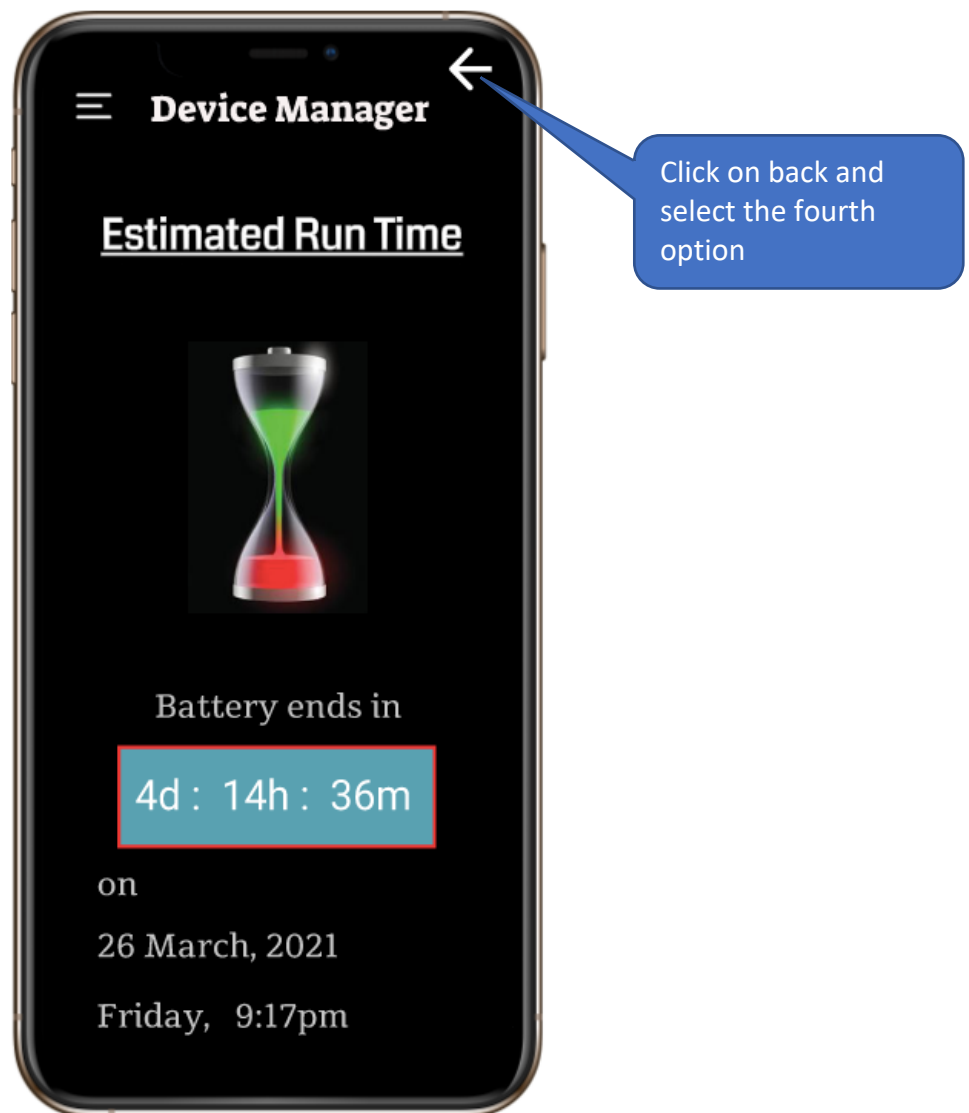
SCREEN 6.2: Options to set reminder to charge battery.



DESCRIPTION:

This screen displays various options to set reminders based on different conditions which can be specified.

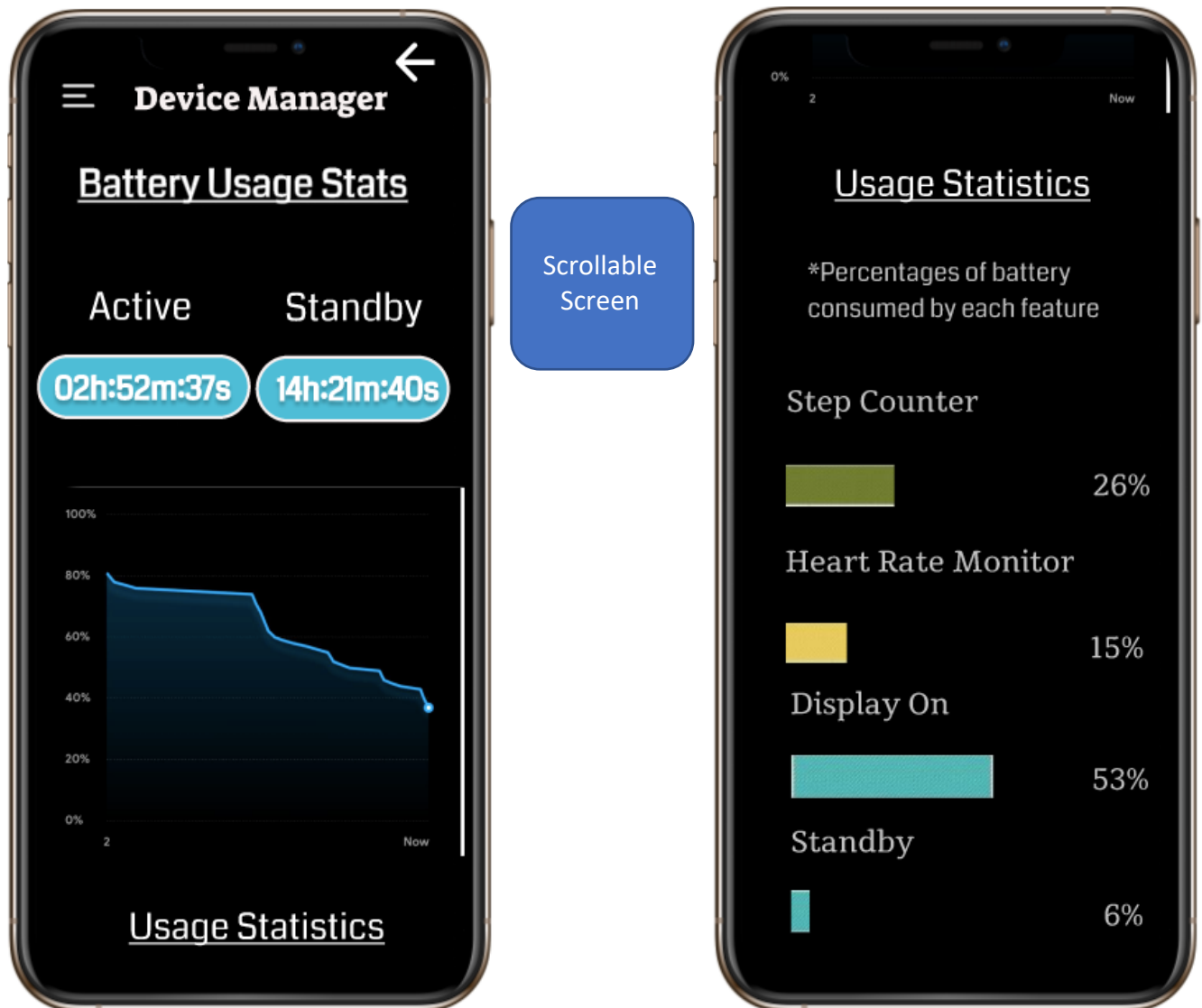
SCREEN 6.3: Screen to show estimated run time



DESCRIPTION:

This screen tells the time till which the battery in the device would last. It also mentions predicted date and time when it will be discharged.

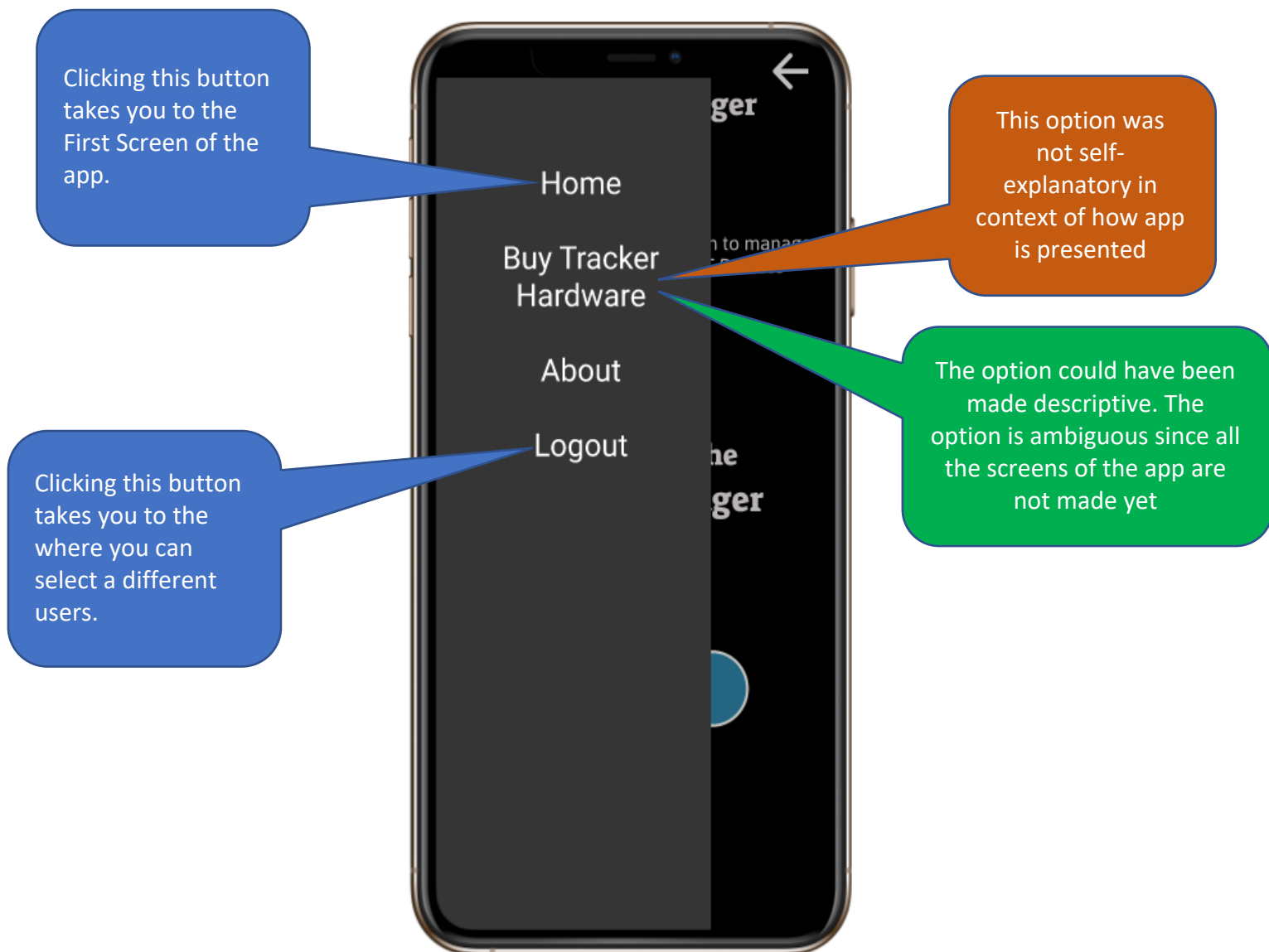
SCREEN 6.4: Battery Usage Stats



DESCRIPTION:

This screen displays a graphical representation of the battery usage statistics, active and standby time of the selected device. It also gives the statistics of the percentage of battery consumed by each feature of the 'fitbit' device.

SCREEN: Hamburger Menu



DESCRIPTION:

This screen displays the hamburger menu. There are various options in the menu.

If you click any of the options by mistake, there is a back button on each screen to undo what you did.