CSC 780 Application Development for Mobile Devices

bolt!

The Fitness Tracker

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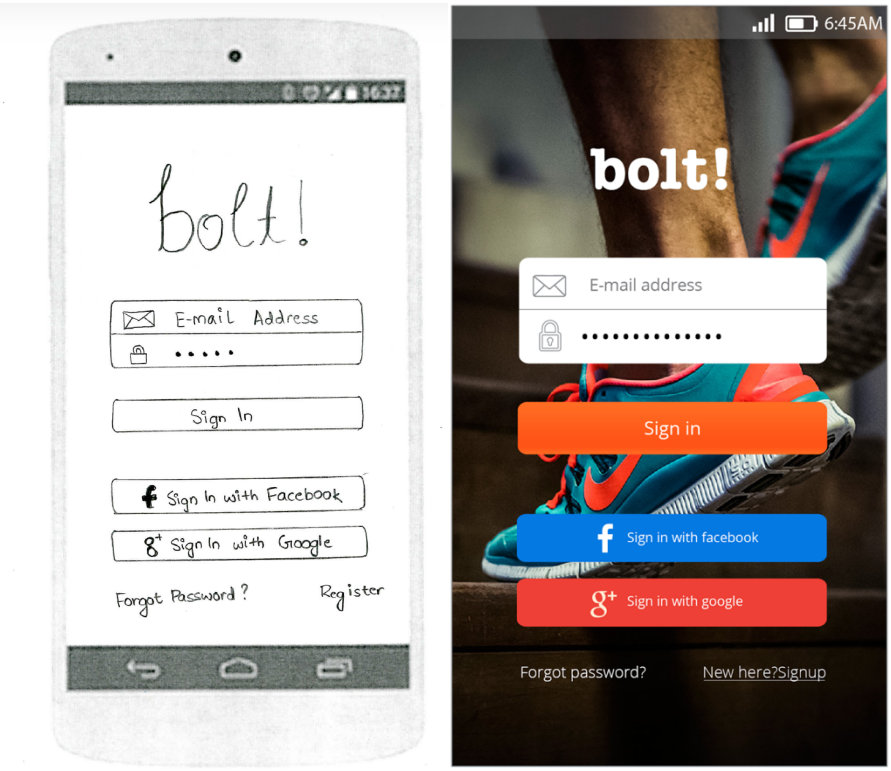
Introduction

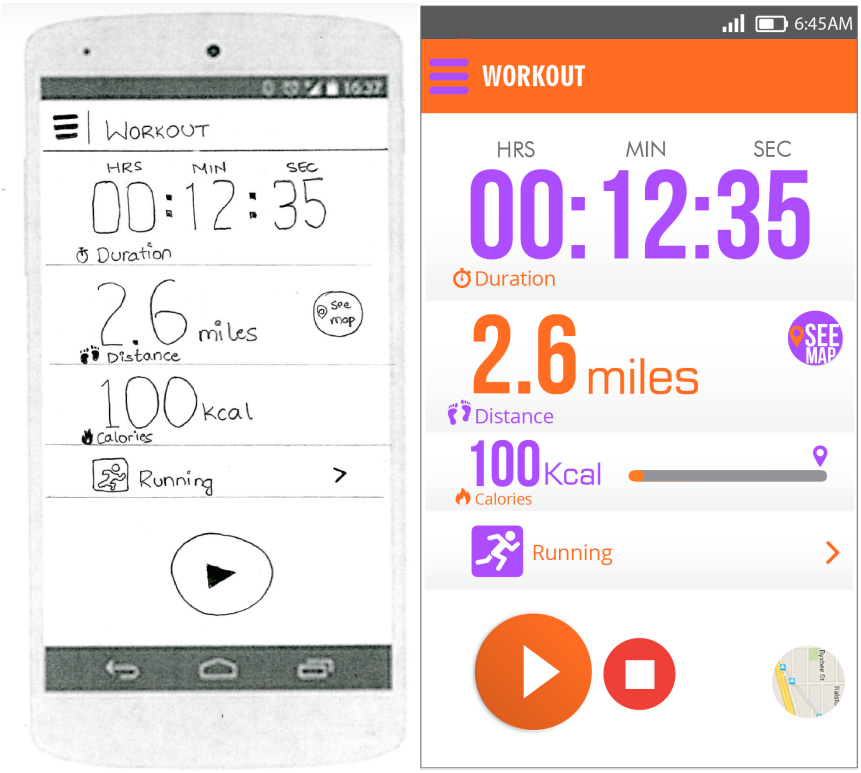
The bolt! app shall track the user's sport and fitness activities such as running, cycling, swimming, rowing, jogging, biking, and walking - utilizing GPS technology to help build healthy lifestyle habits and reach their exercise goals. The app shall allow the user to track the route that they have taken and show the route after completion of run. The app shall provide the user with personalized diet goals based on their individual profile along with the daily calorie intake goals.

The app shall give the user the ability to track calories burned based on distance, duration and speed. The number of calories burned shall depend on the particular activity that the user performs. The app shall also allow the user to check their daily activity and view charts of your progress over time.

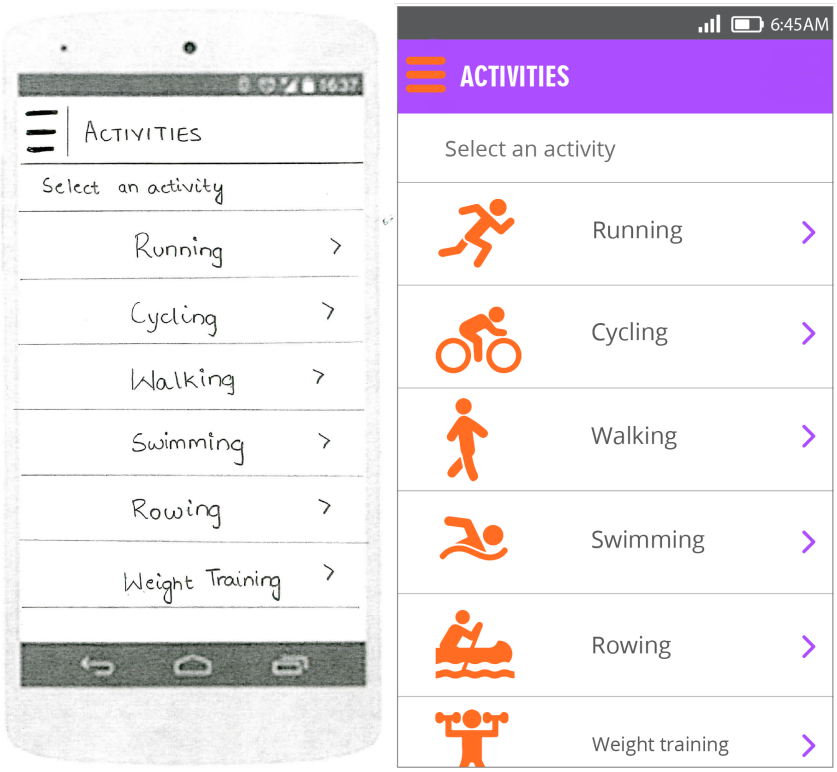
Design



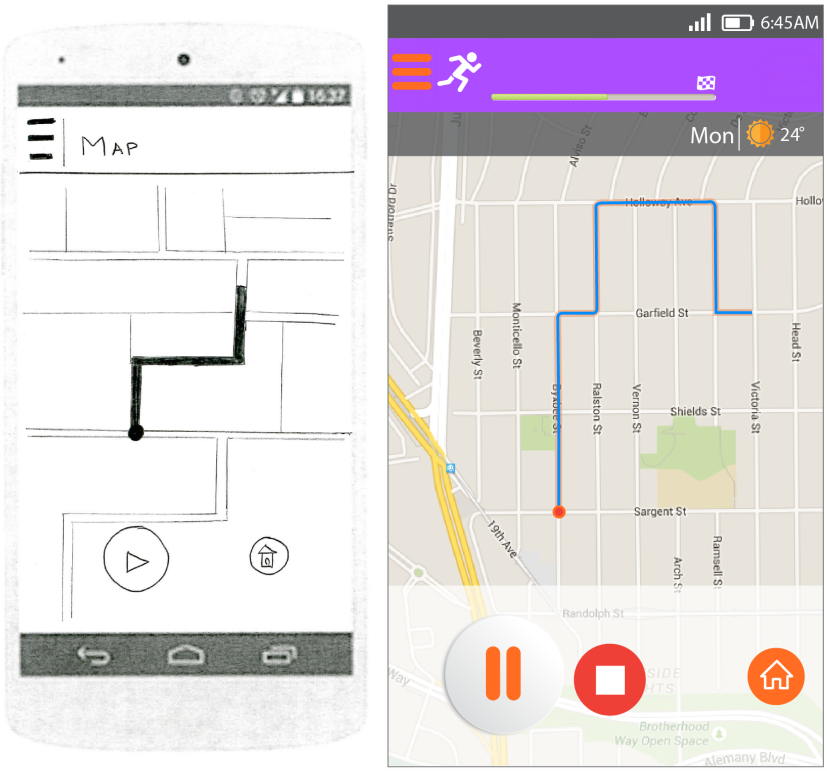
Welcome Screen



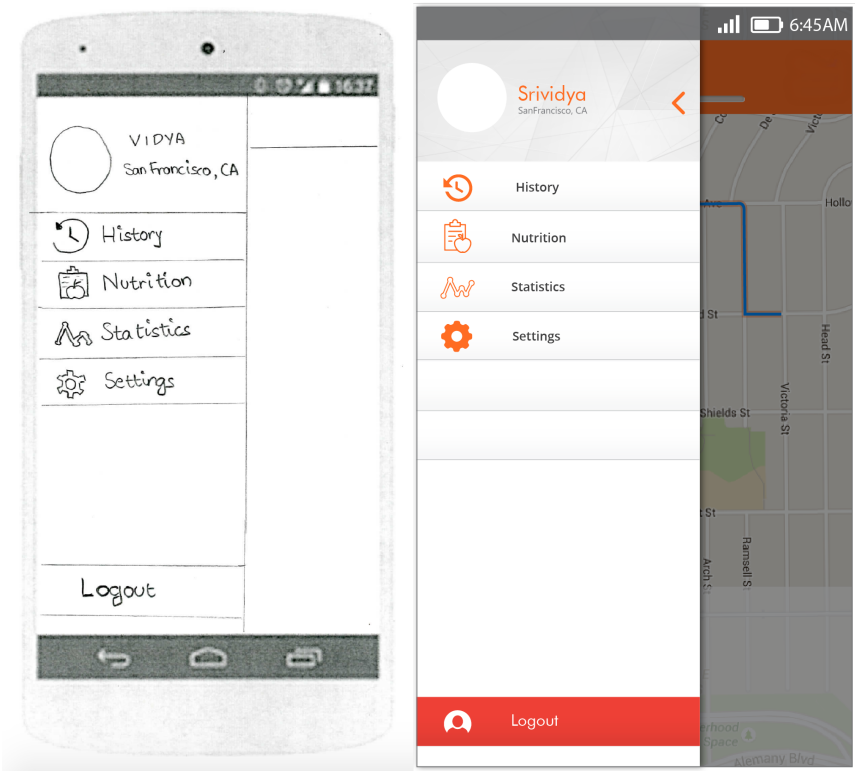
Home Screen



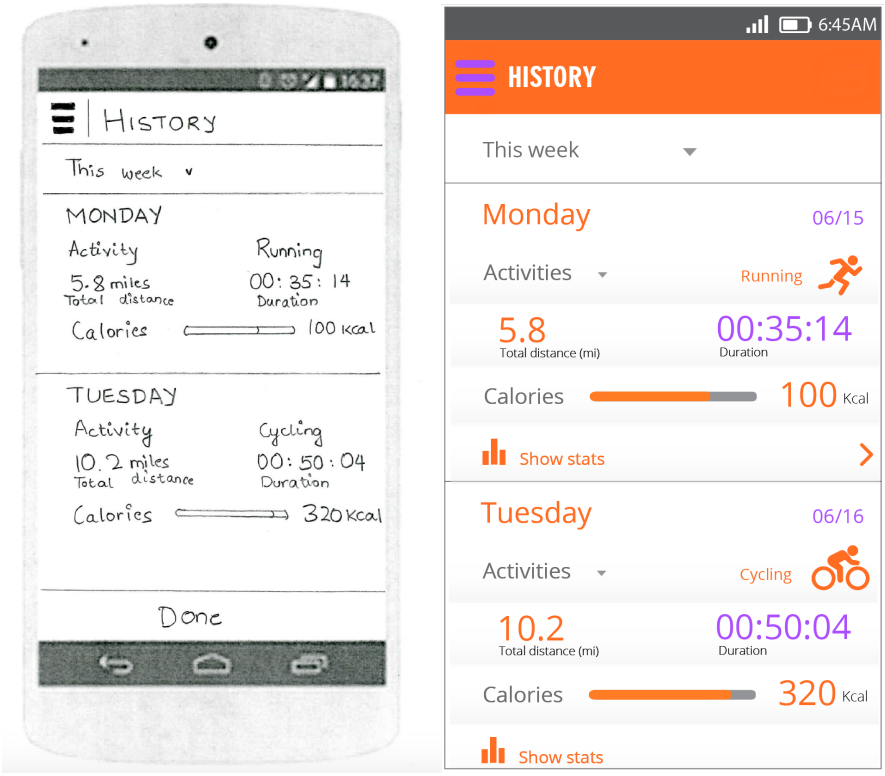
Activities Screen



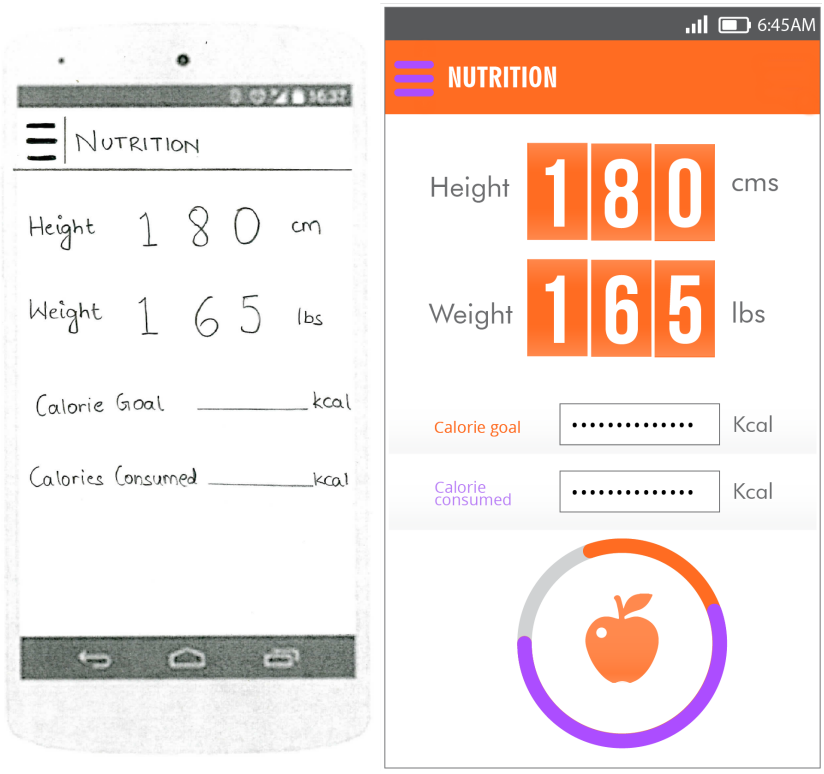
Maps



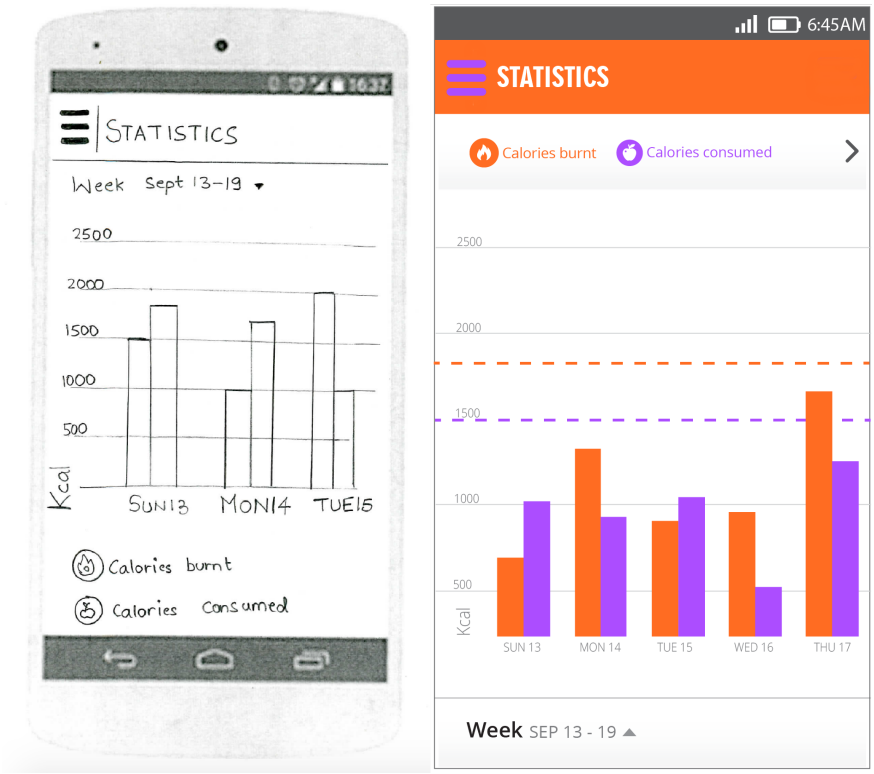
Navigation Drawer



History Screen



Nutrition Screen



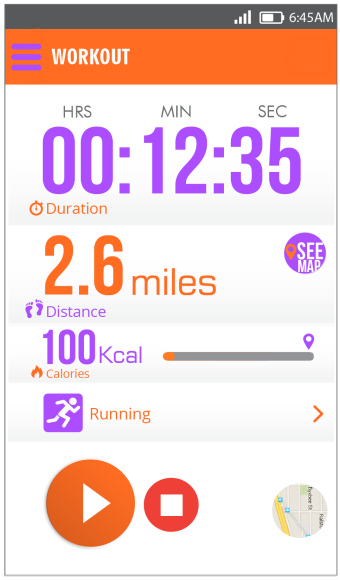
Statistics Screen

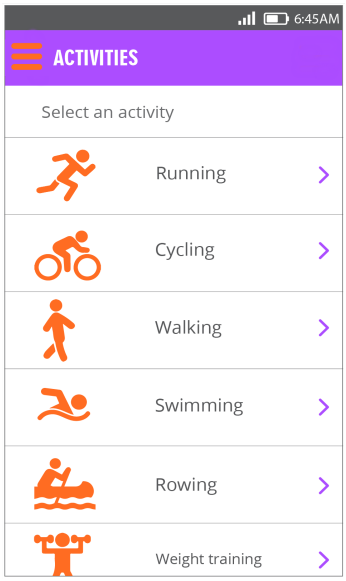
(The screens are created using Adobe Illustrator)

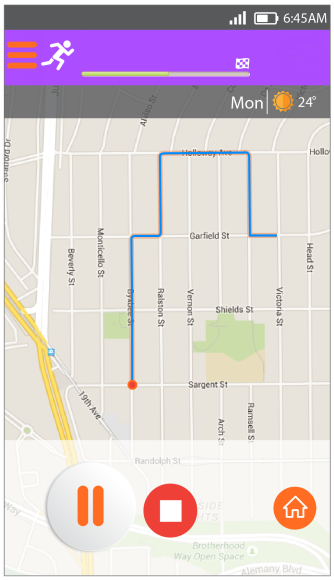
Use Cases

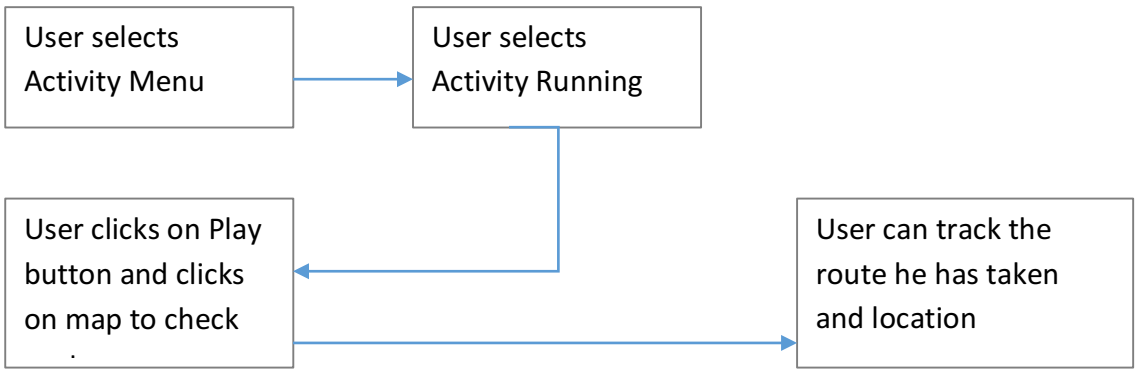
Use Case 1:

The user wants an app to track the distance covered and the calories burned during a run. The user selects the activity as running. And clicks on the Play icon. The app keeps track of the time and the distance. The user can use the app to connect to the map option to know the location.



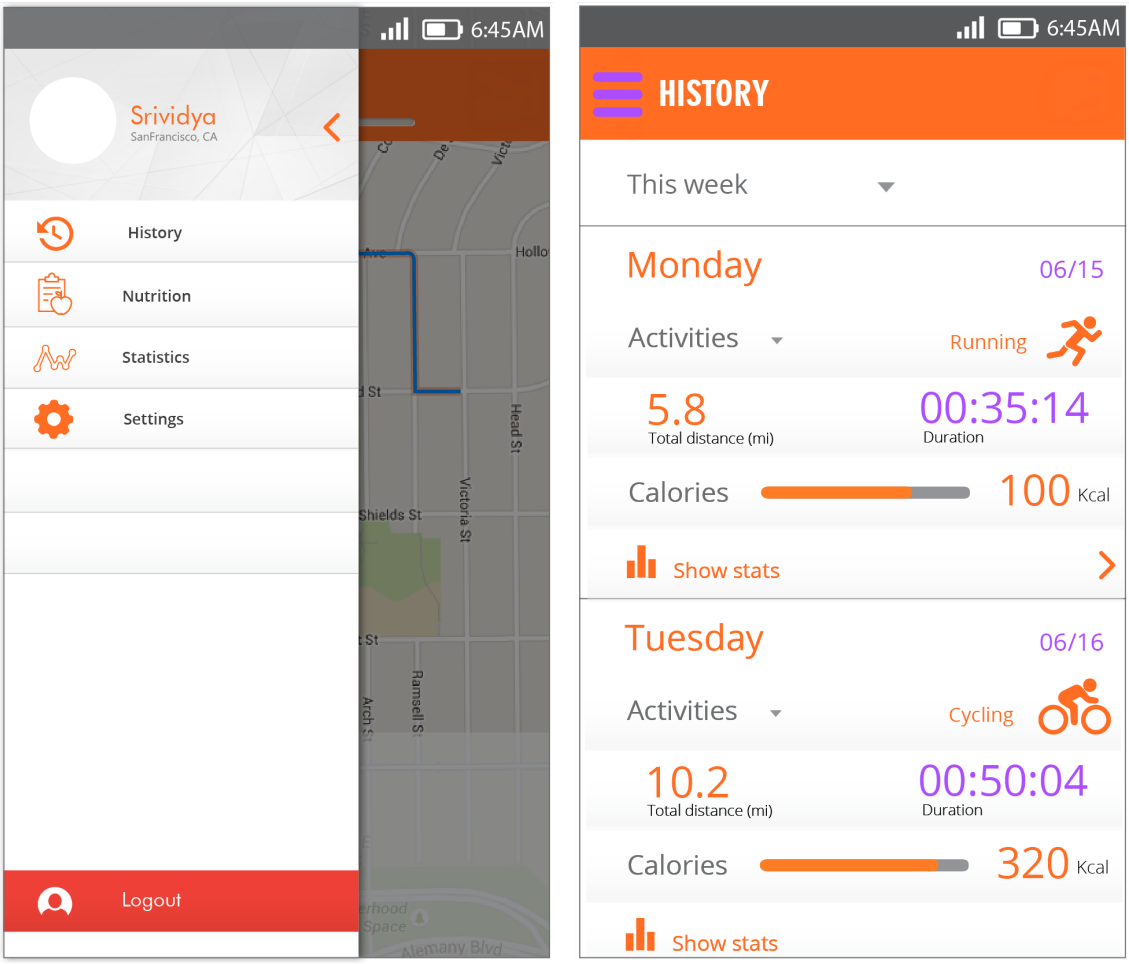






Use Case 2:

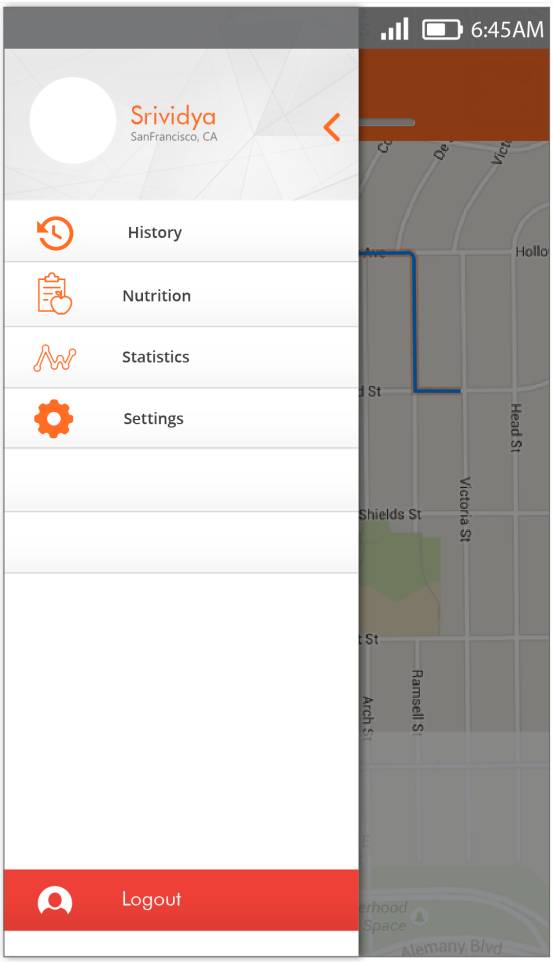
The user wants to check the personal workout history performed throughout the week. The user clicks on the history tab on the navigation drawer.

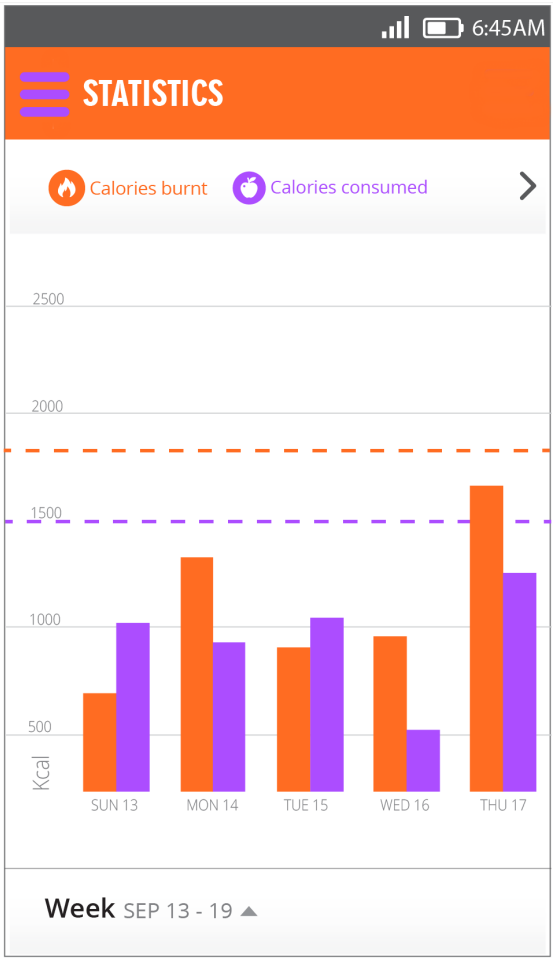


User selects History option from Navigation Drawer → User can then view the history of performed activities.

Use Case 3:

The user wants to check the statistics in the form of a chart showing calories burned during different days. The user clicks on the statistics tab on the navigation drawer.

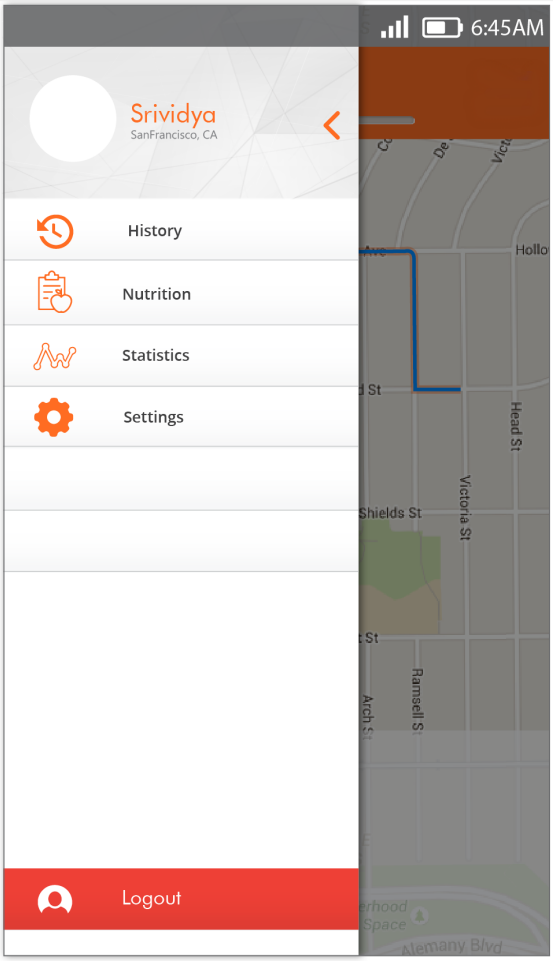


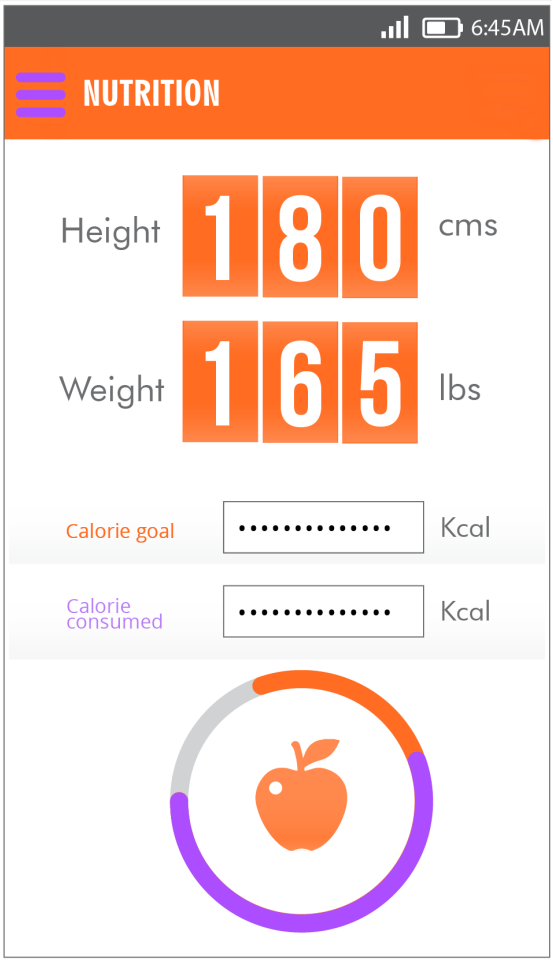


User selects Statistics option to go to statistics screen → On the statistics screen the user can view the calories consumed and burnt each day

USE Case 4:

The user wants to know the amount of calories to be consumed to reach his calorie goal. The user selects nutrition tab on the navigation drawer. He enters his weight and height and his calorie goal is calculated.





User selects Nutrition option to go to statistics screen

User enters his/her height and weight to get optimal calorie consumption goal.