Practical Task

Notes

- The Development language should be Swift.

- Deployment Target should be iOS 11.0 and later.

- It should be a responsive layout (support in all the devices).

- The goal of this project is to see the route path on a map by trips.

- After completing the task you have to submit source code to review.

Home Page

- The home screen contains the map with the current location of the user, "Start trip" and "Menu" buttons

- When clicking on Start Trip: My trip should be started by saving the trip start location. After that, you have to store the user location (user coordinates) until the trip will be stopped.

- When the trip is on going it should show the starting point of the trip and route between the start location and current location.

- Once Trip will be started you have to display the "End Trip" button.

- When clicking on End Trip: It will show me the Trip completed popup with the "Cancel" and "View Trip" option. The home screen should be reset to the start trip.
- When clicking on View Trip: it should redirect the user to the Trip Details page

Trip History

- This screen should have the list of the trip with Trip name, Start and End date and time and distance of the trip.
- When clicking on any trip it will redirect to the trip details page

Trip Details

- This screen will display the route between start and end trip locations using the local stored location during the trip.

Validations

- You have to put all the required validation for this task. Keep the end user in mind while putting validation.

Design Implementation

- You have to create a design with default ios components. Add your creativity to make design & animation user friendly.
- We attached the wireframe below for your design reference or click the link to view

Screen 1

≡

Map showing the
current location on
the map

[Start Trip]

Screen 2

≡

Map showing the
starting location and
current moving
location on the map

[End Trip]

Screen 3

≡

Map showing the
starting location and
end location on the
map

Trip Completed
Successfully:
Started: hh:mm:ss
Ended: hh:mm:ss

Screen 4

‹ Trips History

Trip 3
Started:
Ended:
KMs: ›
Trip 2
Started:
Ended:
KMs: ›
Trip 1
Started:
Ended:
KMs: ›

Screen 5

‹ Trip 3 Details

Map showing the
starting location and
end location on the
map