Map Visualiser

Concept:

The web application will display a map (Google maps' interface) showing different locations with an image attached (such as universities) or displaying a route on the map with checkpoints.
Using buttons, one can have a preview of several routes linked to different uses (such as running, walking, travelling etc) with a few choices for each type of activity. Depending on the selected activity we can display altitude (mean, maximum, minimum), route length, number of checkpoint in the route, average speed and other information based on needs. It will show the route with a line or dots. With a click on the map the user can also get the coordinates of the selected area.

Personas and Scenarios:

Name: John

Age: 39

Hobbies: timekeeping, travelling

Scenario: John is a busy man.

He is an IT consultant, so he must travel a lot to different customers each day. He would love to see the best bus routes to take from location to location on a simple to use interface.

Name: Leah

Age: 23

Leah is from Manchester but after going to university in Glasgow she stayed in the city and found a graduate job. In her busy schedule she rarely has time to do what she likes, but the always finds time for some physical activity. She likes running, yoga, cycling and even going to the gym.

Scenario: Leah recently found a new flat and doesn't know the area well yet. She wants a way to see running routes around her, with an intuitive and easy to use interface. The most important information for her is length of the route and elevation.

Name: Conor

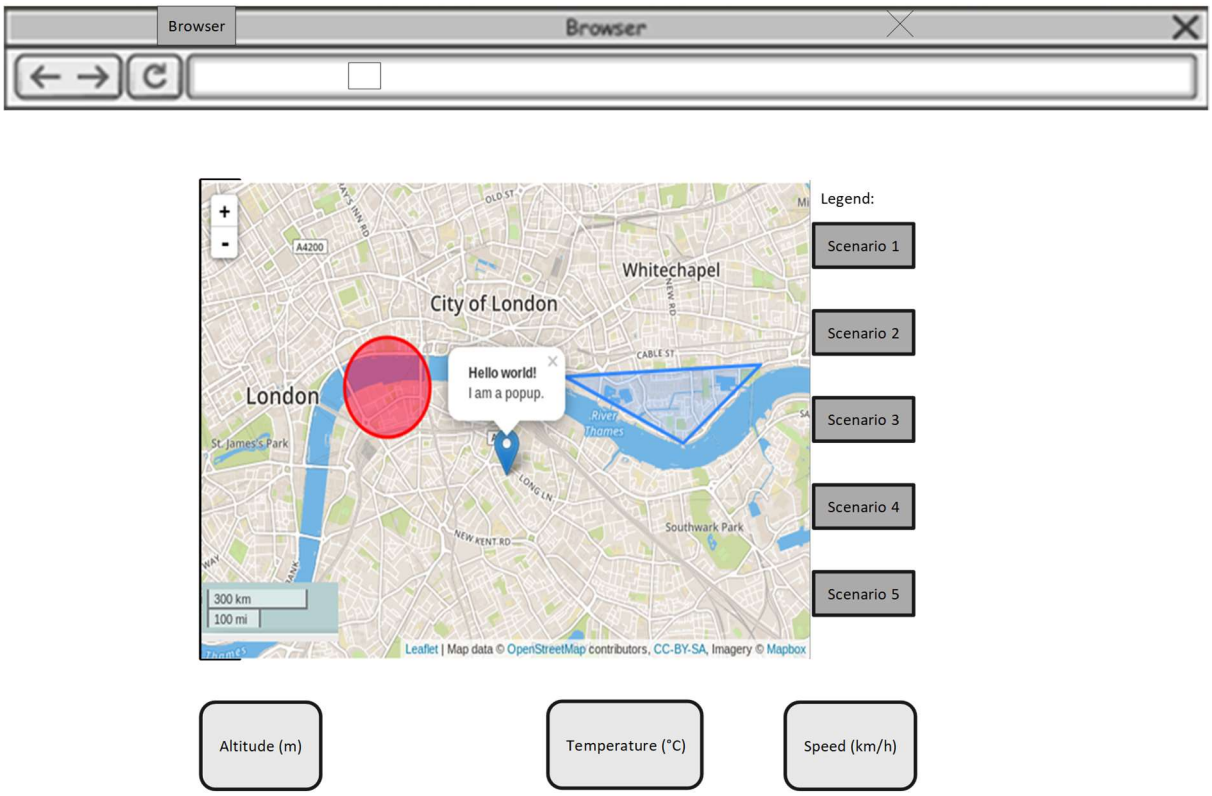
Age: 18

Connor currently doing his A-levels and I feeling eager to go to uni. Him and his friends want to apply together but don't know where yet.

Scenario:

Connor and his friends have decided to organise a trip for themselves through the universities on their list, so they can decide on where to apply. They need a simple way of seeing their planned route placed on a map, so they can schedule accommodation and activities accordingly.

Wireframes:


Browser
Browser
Legend:
Scenario 1
Scenario 2
Scenario 3
Scenario 4
Scenario 5
Whitechapel
City of London
London
Hello world!
I am a popup.
St. James's Park
Southwark Park
300 km
100 mi
Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox
Altitude (m)
Temperature (°C)
Speed (km/h)