

Project Brief

Project Name: ISS SatTrack APP

HIT381 HUMAN-COMPUTER INTORACTIONS

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Description:

We will be developing a website that tracks Satellites in real time by using Maps. The application will take information generated by NASA about Satellites orbiting us currently. The location of the satellite will be displayed on a map and additional information about the satellite will be displayed as well, like Lang, Long, Altitude and current speed.

Goals:

- Website needs to be mobile and Desktop friendly
- Website needs to be visually pleasing home page
- Website needs to display information gain from several different API links to generate and display the information from different satellites.
- User friendly UI
- Educational information about Satellites
- Information about the site
- Near real time tracking and map updates

Design inspirations:

- 1) Use of web API to gather information from different agencies
- 2) Fascination with Satellites Specially Starlink Network Satellites
- 3) Process of Dynamic Web development
- 4) Educating others about the subject topic

Story Board:

Story Board: User interaction with Website or App

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User visit site:

-Visit through URL -Visit through Google search -Use the APP

Home Page:

- Shows initial Map with the ISS location and Map background

- -Tabs for additional info -CurrentNews
- Site description

User Selects tab:

Tabs show possible selections for the user includint

- Additional Sateliates
- Most tracked

Additional:

- -Shows list of other satelites
- Shows information about other satelites
- Provide option to track other satelites

Shows Satelite:

Shows selected satelite on Map with additional information about the satelite

Save Search:

Selected satelites to track are saved on users Browser and can be accessed later and tracked

Paper Prototype:

