**Synopsis**

**Title :** ISS Tracker

**Contributor(s) :** Eshaan Gupta (19BCA41003)

**Objective :** An ISS-themed webapp that collects, organises and presents various information about the ISS ranging from it’s introduction, location, astronauts and more.

**Description :** A space themed webapp that uses Python’s Flask framework in the backend and HTML, CSS and JavaScript on the client side to bring to the users an out of the world experience, literally. The application provides information about his ISS, it’s live current location, live updates about astronauts living on the ISS. This information is gathered from an open-source webservice open-notify.org though APIs. Furthermore, the same is hosted on a PaaS cloud platform.

**https://mobirise.com/**

**Techonlogies Used:**

**Front-End :** HTML, CSS, JavaScript

**Back-End :** Python, Flask Framework, SQLite

**APIs :** open-notify.org, mapbox

**MINOR PROJECT LAB :**

Done:

* About Page
* Base.html
* Nav Bar
* Home Page
* Flask App
* App routes
* Error Logging
* Cloud Hosting (Need to update)
* Python Fucntions to connect to open-notify
* API connection
* Map Box
* GitHub

To Do:

* Database connectivity
* Astrounauts list
* Live location mapping
* Info page
* ER diagram and DFD
* Try Live plotting
* Try Wikipedia