**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.

**Techonlogies Used**

* **Front-End :** HTML, CSS, JavaScript
* **Back-End :** Python, Flask Framework, SQLAlchemy
* **APIs :** open-notify.org, mapbox, locationIQ

**Hardware and Software Requirements**

**Recommended Operating Systems**

Windows: 7 or newer

MAC: OS X v10.7 or higher

**Hardware Requirements:**

Processor: Minimum 1 GHz; Recommended 2GHz or more

Ethernet connection (LAN) OR a wireless adapter (Wi-Fi)

Hard Drive: Minimum 32 GB; Recommended 64 GB or more

Memory (RAM): Minimum 1 GB; Recommended 4 GB or above

**Recommended Software**

**Supported Browsers**

Firefox

Chrome

Microsoft Edge

**Project Showcase**









