

Synopsis

Title : ISS Tracker

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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 through APIs. Furthermore, the same is hosted on a PaaS cloud platform.

Technologies 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







