



**SUPERIOR
UNIVERSITY**

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Section: BSAI-4A

Subject: Programming for Artificial
Intelligence

Lab Task: 8

Task 8: API (Application Programming Interface)

Frontend

Introduction:

This report covers the frontend (`index.html`) of the NASA Mars Rover API app, which displays Mars Rover images dynamically.

Technology Used:

- HTML for structure
- CSS for styling
- Jinja templating for dynamic content

Functionality:

- Displays Mars Rover images fetched from the API
- Uses a grid layout for responsive design
- Implements hover effects and a loader animation

Implementation:

- `index.html`: Fetches and displays images using Jinja templating
- Styled with CSS for a dark theme and user-friendly UI

- **Output:**

