



**SUPERIOR  
UNIVERSITY**

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**Section:** BSAI-4A

**Subject:** Programming for Artificial  
Intelligence

**Lab Task:** 7

## **Task 7: API ( Application Programming Interface)**

### **Backend + Flask**

#### **Introduction:**

This project is a web application that fetches and displays images from NASA's Mars Rover using the NASA API.

#### **Technology Used:**

- Flask (Python) for backend
- NASA API for fetching Mars Rover photos

#### **Functionality:**

- Retrieves Mars Rover images using an API request
- Displays the latest 20 images on the webpage
- Responsive and user-friendly interface

#### **Implementation:**

- `app.py`: Handles API request and renders `index.html`

- **Output:**

