**Mahmud Mirzazada**

**Self-Assessment: Python Flask CVE Scraper Project**

In this project, I was responsible for integrating the NIST API to fetch CVE data, validating the CVE ID format, and handling CVSS version processing. I worked on sending requests to the NIST API using the API key, retrieving vulnerability details such as descriptions, scores, and severity, and ensuring that the fetched data was stored in the session for further use by other modules like the ***downloader***.

I collaborated closely with my team to ensure smooth integration of modules, such as fetching exploit links from Exploit-DB and passing data to the report generation component. I also contributed to validating and filtering reference links to exclude broken URLs. This experience helped me strengthen my skills in API integration, Flask session management, and modular coding within a team.

This project helped me enhance my skills in web scraping, automate processes using Selenium, and collaborate efficiently with the team, contributing meaningfully to the project's success.