

Project Narrative

Team Number- 08

Project Title: Aluminto: An Alumini Information Management System (AIMS)

Project Summary and Overall Approach:

"Aluminto: An Alumni Information Management System (AIMS) is a powerful command-line interface (CLI) utility designed in Python, leveraging MySQL as its database. This project aims to streamline alumni data management for educational institutions or organizations, providing an efficient solution for storing, retrieving, and updating alumni information. Aluminto enables administrators to effortlessly handle alumni records, fostering better engagement and communication with graduates. The CLI interface ensures ease of use and accessibility, catering to users with varying technical backgrounds. The Python-MYSQL synergy ensures a robust and scalable system capable of handling diverse data requirements. With Aluminto, institutions can enhance alumni relations, track career progress, and facilitate networking opportunities. The project's approach emphasizes user-friendly interactions, data integrity, and seamless integration with MySQL, making Aluminto an indispensable tool for effective alumni information management. Users can simply download the script build available as an exe on the releases section of the project hosting repository preferably Github."

Responsibility of Team Members:

Member 1:-

Gather all the related information from all the stakeholders (Example, university management, students, teachers, etc.) about all the alumini of the institution and start developing an ER Model for the DB.

Analyse the model structure requirements based on data collected so far.

Member 2:-

Prepare all the UI for the script using Python and develop a shared mysql instance for the database to be deployed on systems across the university.

Member 3:-

Perform the verification, validation, and deployment activity.