Project Charter

Project Name: EduBridge: Centralized College & Scholarship Planning Portal

Project Sponsor: TBD

Project Manager: CoreXtra

Start Date: July 2025

End Date: November 2025

Objective:

To develop and deploy a robust, web-based platform designed to streamline the college and scholarship application process for students. The platform will centralize college discovery, scholarship matching, application planning, and document management, all in one user-friendly interface.

Scope:

- Backend development using Python (Flask/Django) and PostgreSQL for database management

- Integration of machine learning (K-means clustering) for personalized college recommendation

- Responsive, mobile-friendly frontend interface using HTML, CSS, JavaScript, and Bootstrap

- Full-stack integration of key modules: recommendation engine, scholarship finder, task manager, and document vault

Admin portal for managing data and monitoring system performance

Successful deployment of MVP (Minimum Viable Product) by November 2025

Stakeholders:

Students: End-users who will benefit from centralized, intelligent application assistance

Educational Consultants: Advisors aiding students with streamlined data and planning

College Admission Teams: Institutions interested in reaching and recruiting ideal candidates

Developers / Designers: Team members responsible for designing, building, and maintaining the platform

Academic Advisors/Faculty: Optional contributors for validating recommendations and usability

Deliverables:

Fully functional web application with active modules and database integration

Machine learning model implemented and tested with real or simulated data

Comprehensive documentation:

- Software Requirement Specification (SRS)
- Test Plan and Quality Assurance Report
- Work Breakdown Structure (WBS)
- Gantt Chart showing project milestones

Final Report detailing implementation process, evaluation, and future roadmap

User Manual and Admin Guide for platform operation