PROJECT PROPOSAL

TITLE/APP NAME:EduPromote

PROJECT DESCRIPTION:
      EduPromote is a dynamic CRUD (Create, Read, Update, Delete) application designed to streamline the process of student promotion within educational institutions. With EduPromote, educators can easily manage student records, assign them to different classes, and efficiently promote them to higher academic levels as they progress in their education journey. This project aims to
develop a CRUD application using MongoDB to manage promotions efficiently.
TARGET USERS:Teacher

OBJECTIVES:
      Develop a user-friendly CRUD application for managing promotions.
      Implement MongoDB as the database to store and retrieve promotion data.
      Provide secure authentication and authorization mechanisms for users.
      Ensure scalability and performance by leveraging MongoDB's features.
      Enhance user experience through intuitive interface design and responsiveness.
FEATURES:

Core Features
- *CRUD Operations*
- *Authentication and Authorization*
- *Dynamic UI with Framer Motion*

Additional Features
- [Feature 5]
- [Feature 6]

TECHNOLOGIES AND TOOLS
- **Frontend Development:**
  Web:
      ReactJS

- **Backend Development:**

- **Database:**
  MongoDB

- **Version Control:**
  Github

DESIGNING TOOLS:
    N/A

DEVELOPMENTAL STRUCTURE AND PROCESS:
    I'll begin by clearly describing our aims and requirements for the EduPromote system in order to effectively address user needs. Then I'll create a comprehensive architecture that details the integration of many components. Next, I'll concentrate on developing each component, including the mobile app, API, Arduino firmware, and potentially AI modeling. Finally, I'll guarantee that everything is properly integrated and tested before deployment, followed by regular maintenance and upgrades to improve performance.