**Department of Technical Education**

**Capstone project**

**Format- 1**

**Capstone project Scope Document**

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The capstone project scope clearly describes what the capstone project will deliver and outlines all the work required for completing the capstone project.

**Capstone project Title**: **College Management System**

**Group Members:**

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* **Navya Hebbar**
* **Anusha Achari**

**Problem Statement:**

Design and develop a **COLLEGE MANAGEMENT SYSTEM** which allows staff members to maintain student marks,attendance & personal information

**Objectives:**

The goal of the College Management System is to create a centralized, user-friendly, where staff members can easily access,update,delete & maintain records. This platform aims to maintain student, staff’s, course, department details in online.

* **Centralized Record Management: Develop a centralized database to store and manage student, staff, course, and department details in a structured and organized manner, ensure efficient retrieval of information for authorized users.**
* Access Control and Security:Implement access control mechanisms to ensure that only authorized staff members can access, update, and delete records.Incorporate robust security measures to protect sensitive data.
* Record Maintenance:Enable staff members to easily update and maintain records through a simple and efficient interface.Provide functionalities for adding new records, updating existing information, and deleting outdated records.

**Capstone project description:**

* The College Management System aims to develop a comprehensive College Management System that enables users to maintain student marks,attendance & personal information.
* It consists of a website that allows users to browse through different department information , their availability.
* Once the student record is inserted , the staff members have the option to update and delete.

**Capstone project Deliverables:**

* The College Management System project deliverables include a fully functional software application with features such as maintaining student marks, attendance, student personal information ,staff details, course details & department information.
* For Maintenance and support documentation will be included

**Key milestones:**

* Project initiation and planning
* Requirements gathering and analysis
* Design and Development
* Testing and Quality Assurance
* Deployment and Implementation
* Maintenance ,Support& Monitoring

**Constraints:**

* Limited time
* Limited resources
* Financial constraints
* Payment Processing Challenges
* Security and Privacy Concerns

**Estimated Capstone project Duration** :

* The estimated duration of College Management System Capstone project may range from 3 to 4 months, depending on the scope and complexity of the project.

**Estimated Capstone project cost:**

Date

Signature of the student

Signature of the cohort owner