**University ERP System**

****

**SYNOPSIS**

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**Project/ scenario**

**name:** University ERP System

**Custom scenario**

**description:** The purpose of making an ERP for the university as a project is to create a better ERP system for the university so that it can provide not only the student but also the teacher in fact everyone who will be using the ERP a faster, better and at a tip user experience. This system will help the user to login at any time of the day without worrying about the crash, site traffics or other such problems.

**Objective/ vision:** \*To automate the college day to day work in the form of college ERP system and make things easier.

\*To enable students to login to the system without any problem

and use the system.

\*To create a better user experience and make it simple to use.

**Users of the system:** A. Students

B. Faculty Members

C. Administrator

**Functional**

**requirements:**  i. Online Admission Portal.

ii. Student Management System.

iii. Faculty Management System

iv. Inventory Management System

v. File Management System

vi. Payment Gateway Integration.

vii. User engagement tracking.

Viii. Support access to the users of the system.

**Non-functional**

**Requirements:** i. Efficient and easy to use.

ii. Security is top notch.

iii. Highly optimized to perform a task.

iv.UI/UX is user friendly.

**Optional features:** a. This system is highly capable of doing all the tasks whatever a college needs.

b. it can also track the user engagement.

**User interface**

**priorities:**  A - Professional look and feel.

B – Modern UI concept is being used.

C – Colour combination should be attractive.

D – UI should not shift while loading.

**Other important**

**Issues:** Website should be highly customizable and responsive and also user friendly.

**Technologies to**

**be used:** HTML, HTMX, JavaScript, Bootstrap, Python, Django, PostgreSQL.

**Tools to be**

**used:**  i. VS Code Editor.

ii. PG My Admin.

iii. Windows will be the preferred OS.

**Team size:** 3 students

**Final deliverable**

**must include:**

1 - Online or offline help to the above users.

2 – Complete source code.

3 – Database backup.