**Online Portal for University Students**

(Group number: 8)

Team Members

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#### Proposed Project Description

We're excited to introduce a new initiative: an Online Portal tailored specifically for university students. It's designed to be a one-stop platform, simplifying access to crucial university services and information. We have received a lot of enthusiasm from both students and university administrators who understand the importance of having a streamlined and user-friendly online system in place.This project focuses on enhancing the existing PESU academy website (an existing online portal for the students of the university). We have decided to go with incremental model as some of our functionalities and requirements are not fixed and it will be easier to release our product with new features.

Description of our usual users:

* University students from all departments and programs.
* Faculty and administrative staff for announcement management.
* University administrators for result management and payment tracking.

Functional features:

* Online payments
  + Ability to make online payments via modes such as net banking, debit/credit card, UPI
  + Exam fees, tuition fees, hostel fees and any other miscellaneous fees
  + Admin can track all the payments
* PESU forums
  + Open to all students to come and discuss any topic they are interested about
  + It will allow to students to reply as a thread format
* Ability to view and download lecture materials
  + View and download lecture materials such as notes and slides
  + Faculties will be allowed to upload study materials
* View exam results
  + Students can check their exam results on our online portal
  + This will also provide analysis compared to previous exams
  + Their seating info will be mentioned too
* Notifications and announcements
  + An area where all the important announcements from the department and club can be viewed
* Attendance tracker
  + Teachers can update attendance for their respective classes
  + Students can keep track of their attendance

#### Plan of work and product ownership

We have the following items in the pipeline for the next few weeks

1. User registration and authentication
2. Lecture material access
3. Attendance tracker

We have divided the project among ourselves in the following manner:

* Samarth S I – Notification, Materials
* Sakshi S – Payments
* Shaurya Kabra – Attendance
* Samridh Anand – Forums, Exam results

Qualitative properties, such as optimizing system performance for quick access to results and announcements and an easy to understand and use UI will be a shared responsibility among all team members.