

**UE20CS352 - Object Oriented
Analysis and Design**



Project Synopsis

Name	SRN
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Title

NoteMasti: An online educational resources server

Problem statement

The problem with traditional methods of sharing and accessing educational resources is that they can become outdated and hard to find. A solution to this issue would be to create an online notes resources server where users can upload, store, and access educational resources from any device.

This online notes resources server should simplify the process of sharing and accessing educational resources, allowing students,

professors, and teaching assistants to easily find the resources they need to succeed in their studies and career.

Use cases - features, functionalities

Use Case Number	Use Case Description	Team Member Name
1.	User registration and login for students	Amrita Patra (PES2UG20CS040)
2.	Resource upload, editing, and deletion	Ananya Adiga (PES2UG20CS043)
3.	Resource export and import in pdf format Resource export and import in pdf format	Aditi Jain (PES2UG20CS021)
4.	Admin login for teachers and teaching assistants	Anushka Gupta (PES2UG20CS060)

Functional and non-functional requirements

Functional requirement:

User management: the ability to manage and authenticate users, such as students, professors(admin), and teaching assistants.

Content management: the ability to upload, organize, and manage educational content, such as videos, documents, notes and question papers.

Non-functional requirements:

Scalability: the ability to handle increasing numbers of users and content without a decline in performance.

Availability: the ability to ensure the platform is available and accessible 24/7 with minimal downtime.

Performance: the ability to provide a fast and responsive user experience, with minimal load times and lag.

Reliability: the ability to ensure that the platform and its components are dependable and meet the needs of the users.