

# Online Education Management System - Specification

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## 1 Outline

1. All content is available to all students
2. Content is organised into subjects, topics, and subtopics that students can browse
3. Teachers can upload content only within subjects assigned to them, which is done by admins
4. Students have a dashboard where they can see their current progress in different topics

All educational content is organised into Topics, and all content is accessible to all students at all times. Students have a dashboard where they can see what topics/subtopics they are currently working on, and continue where they left off.

## 2 Topics

1. Each topic consists of subtopics, and content can be part of either a topic or a subtopic
2. Content can be in the form of videos, pdfs, slides, etc
3. There are also automatically evaluated quizzes, which contain MCQs/integer answer questions

## **3 Roles**

### **3.1 Admins**

1. Add/delete subjects, topics, and subtopics
2. Add/delete content (pdfs, videos, links, etc) to any topic/subtopic
3. Add/delete new teachers, and assign a subject to them

### **3.2 Teachers**

1. Can add/delete content in subjects assigned to them
2. Can add/delete topics/subtopics in assigned subjects

### **3.3 Students**

1. Dashboard - name/username, progress status in different topics
  - (a) See (and edit) your name/username
  - (b) See different topics you are working on and current progress
2. List of subjects, and Topics within them, to browse all available content

## **4 Addon features**

1. Additional courses can be made available to students by registering/paying
2. Manually evaluable assignments