

## Course Management

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### 1. Introduction

You will build a course management web site that allows a student to browse through courses and enroll the courses.

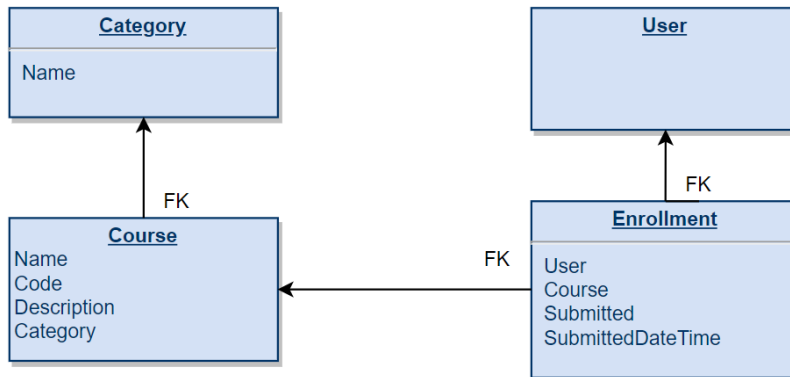
### 2. User Stories

1. A student can browse course information, such as course name, course code and course description.
2. A student has to login before they can select a course.
3. A student can self sign up the site.
4. A student can select a category and only see the courses in that category.
5. A student can select a course. The course should be added into the student's profile.
6. A student can not select a course multiple time.
7. A student can view all selected courses.
8. A student can remove a selected course.
9. (Optional)A student can submit the selected courses. Once submitted, the student can't change the selection.

### 3. Design

#### 3.1 Data Model

Here is the reference data model to start with. You will need to convert it to Django model. You will need to design data type for each attribute.



### 3.2 Design Web Page Layout

You may need home page to display all courses, and a student profile page to display selected courses. You may want to use the bootstrap to beautify the look and feel.

### 3.3 Design URL

Before you start write code, what would be the url for each page?

### 3.4 Design View

Consider using class based view or function based view.

## 4. Security

Consider security, apply common practices that we've learned.

## 5. Test

How to do you plan test to make sure all functions are working properly?

You may want to act as a user and follow the user stories to test related functions.

You may also need to need to use different login to ensure one student can only view their profile.