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| Software design |
| COURSE MANAGEMENT SYSTEM |
| Version 2.0 |
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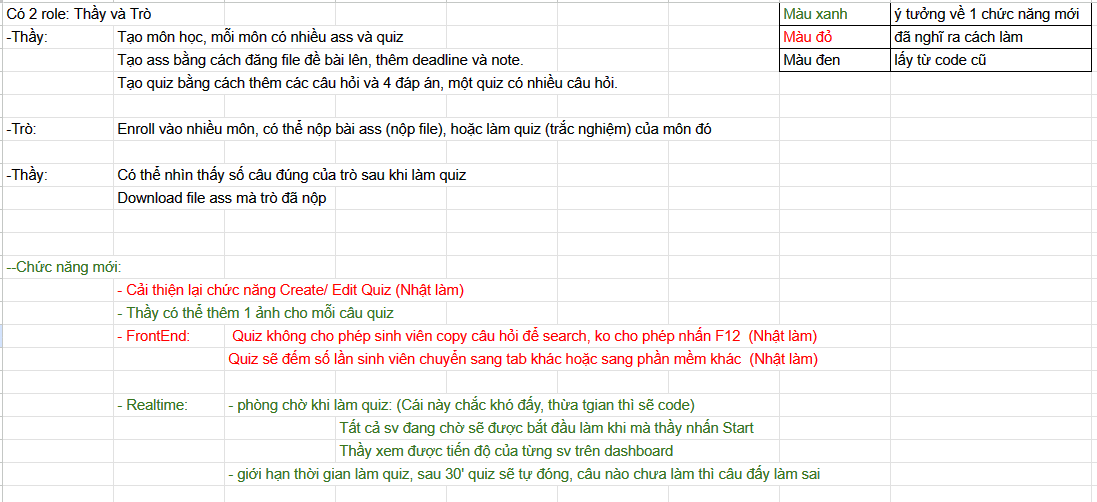


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# 1. Document description

# 2. SRS overview

## 2.1. List of system users

1. Admin: Have all permission for CRUD user (teacher and student)

2. Teacher: Have permission for CRUD course, CRUD assignment, CRUD quiz, RD student in that course

3. Student: Have permission for enroll a course, submit assignments and do quizes

## 2.2. List of use case

Register

Login

CRUD User

CRUD Course

CRUD Assignment

CRUD Quiz

RD Student in a Course

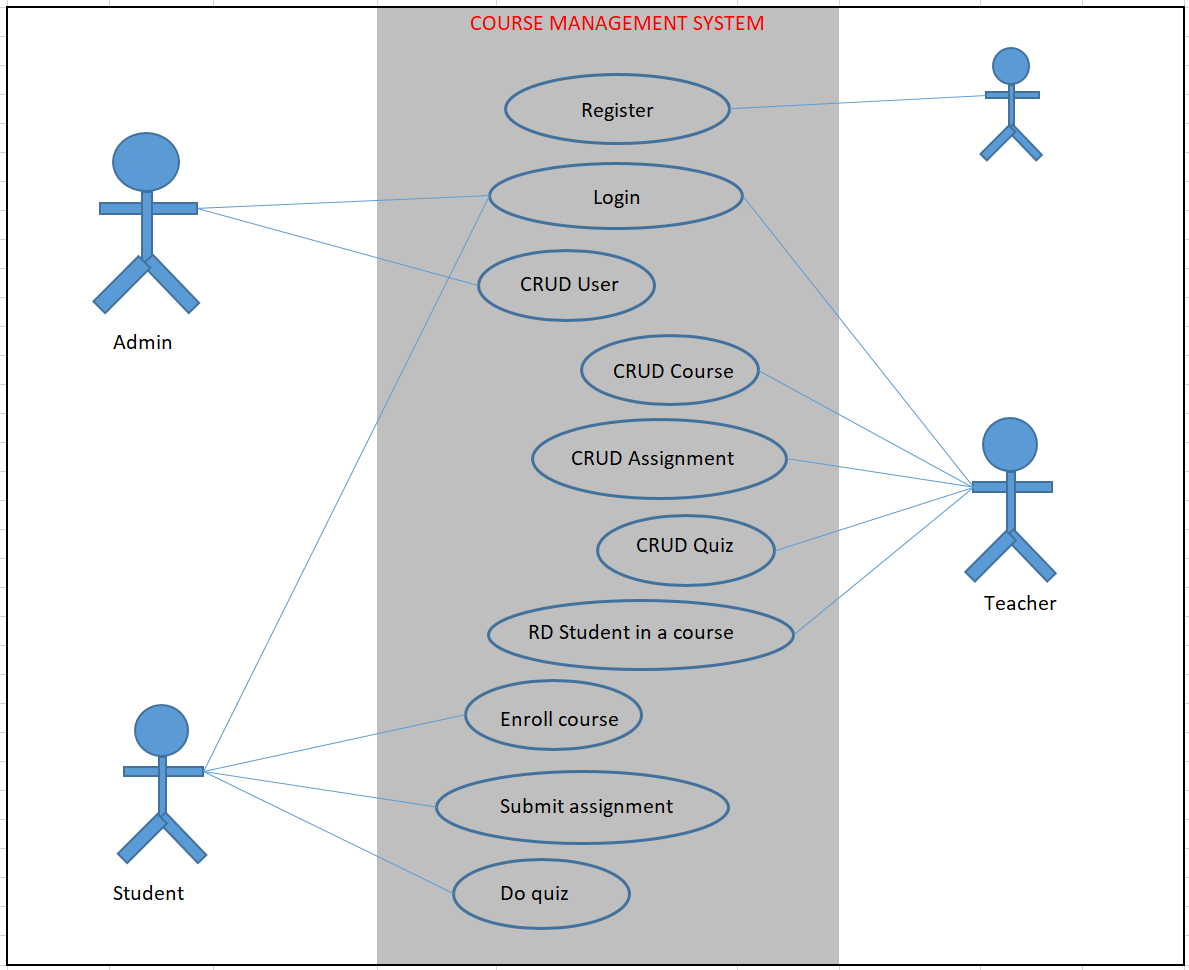
Enroll course

Submit assignment

Do quiz

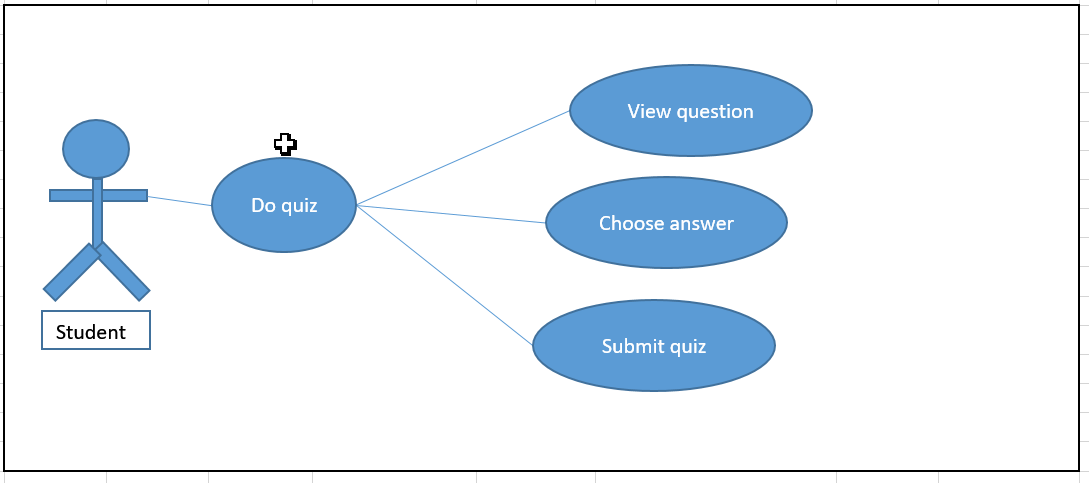
## 2.3. Use case diagram

### 2.3.1. Preliminary use case diagram

[](Use%20case%20diagram.xlsx)

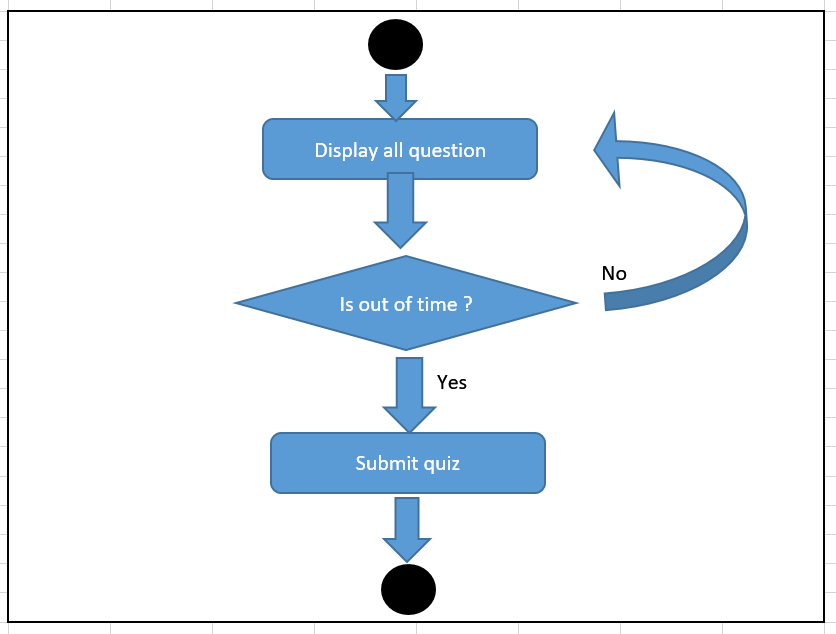
### 2.3.2. Use case detail diagrams

#### 2.3.2.1 Use case detail diagram for ”Do quiz”



## 2.4. Activity diagram of use case scenarios

### 2.4.1. Activity diagram for use case “Do quiz”

[](Use%20case%20diagram.xlsx)

# 3. Data model

## 3.1. Entity Relationship Diagram

# 4. Class diagram

## 4.1. List of classes in the Layers

## 4.2. Modeling the Class Behaviors – sequence diagrams

### 4.2.1. Sequence diagram for use case “Do Quiz”

# 5. User Interface Model Design

## 5.1. User interface model design

### 5.1.1. UI when teacher add new quiz

### 5.1.2. UI when student do a quiz test

### 5.1.3. UI when student see assignment

## 5.2. Interface Flow Diagram