

CS401 – MPP Project

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Project Name: English Learning Online System

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**Description:** It is used for the students to learn some courses online, there are two sides, student side and professor side, student can select the courses, download study materials, and give feedback for the course, and the learning is processing in other communication tools, such as Skype or messenger, it depends the type when the register the student filled, in the professor side, they can create courses, upload the **materials for the course and reply the feedback from the students**

**Features:**

1. **Register**(the students side and professor side)Student can enroll from available courses
2. **Create courses** (professors)System will evaluate the test result that given by professor
3. **Upload the learning materials**(professors)
4. **Select course in the courses list**(students)
5. **Download the materials**(students)
6. **Give feedback for the course**(students)
7. **Reply the feedback message**(professors)
8. **View all the information about the course**s **and students**(course info, materials, feedbacks)(students, professors)

**Technologies:**

* Server Side: JAVA EE
* Client Side: JavaServer Pages JSP
* Database: MYSQL

# **Association Matrix:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Student | Professor | Course | Material | Feedback |
| Student |  | Teach | Enroll | Downloaded | Given by |
| Professor | Taught by |  | Create | Uploaded | Replied by |
| Course | Enrolled by | Created by |  | Referenced | Referenced |
| Material | Download | Uploaded by | Referenced |  |  |
| Feedback | Given by | Replied by | Referenced |  |  |

# **Class Diagram:**

# **Use Case Diagram:**

# **Sequence Diagram:**