Class Choice System Design Specification

1. **Introduction**Class Choice System is an application serving for students and teachers. Any user needs to sign up as student or teacher first, and then log in. Teachers are able to create courses, while students could browser these courses and choose which kinds of courses they want to take.
2. **Design Consideration  
   2.1 Assumptions**Any computer connecting with the Internet and mobile devices which supports the SpringSource server and MySQL are access to this application.  
   **2.2 Constraints**No specific constrains exist other than the source limitation.  
   **2.3 System Environment**This application will run on is the SpringSource Java Application Server.  
   **2.4 Design Methodology**The design methodology is the UML object-oriented technique.
3. **Architectural (High-level) Design**All course information, teacher and student information and comments are stored in MySQL database. MySQL driver runs on the Spring MVC JEE-based web application.

Student

Teacher

Course Name

…

…

Details

select

edit

Log in

1. **Low Level Design**

UI

HomeController

TeacherStudentController

StudentCommentController

LoginSignupController

DataBase