Design Outline

The aim of our project is to build a website which serves as a platform for Purdue students from the same course to interact with each other. Our project will use the client-server model to set up a website that users could view the data about the course and interconnect with other users. In order to achieve this objective we will connect the users to the website and store their personal information and the information about the courses on the MySQL database. And the server served as a mediator between the website and the database.

1. Website
   1. The website will be the place where the users can interact with other users in public (such as Q&A function) as well as send individual message to each other.
   2. The website will display the course information and the personal information of the users. The display of personal information depends on the users’ preference.
   3. The user could also request for the setup of a course page if it not exist.
2. Server
   1. The server will serve as a middleman between the website and the database.
   2. The server will send request to the database to display the information that the users request.
   3. The users will send request to the server for the website to display.
3. Database
   1. We will create three databases for different kind of information.
   2. First database is used to store the log in information of the students.
   3. Second database is used to store the course information.
   4. Third database could be used to store any other information such as the files uploaded by the users.

Overview of website

We will have many users who are the clients and they are connected to the server by registering at the website, which will create an account for them. Then the server stores all the user information into our first database. Users could also request information from the website and the server will fetch appropriate information from the database and display the website to the users.

Overview of the database

We are going to create 3 MySQL databases with different name. The reasons for doing so are to make it easier to keep tracking the information and manage the security of the database. Since the personal information need grater security level and the course information have less sensitivity and both information is in different type.