TECHNOLOGIES USED

- We are using PHP, HTML, MYSQL.
  - The reason why we are using PHP and HTML is because client preferred software that is easily accessible by any user anywhere. Therefore the best option to implement this was to use a web site. On a web site environment one of the best standard ways to program is to use the PHP, HTML, MYSQL combination. These three components contained all the necessary tools to do what we needed it to do for our project.
  - We are using the CodeIgniter PHP framework because it is modular, safer, faster, and helps to separate the design and the presentation layers.
  - Blueprint CSS framework provides us with standard set of styles (CSS classes) and XHTML code base that complies to the W3C standards.

PRODUCT TASKS

- Finished the login page from the user stories.
- We are using the CodeIgniter framework which implements the Model View Controller (MVC) that implements the modular design of our software structure.
- Our project is a Login lab booking tool where teachers can log in to book computer labs online for their schools.
- Refer to DIAGRAMS AND THE SCREENSHOTS.
- We decided that only CodeIgniter and Blueprint frameworks (External Packages) would be needed in our project.
- Please check the repository for the README files.
- We have used the CodeIgniter and Blueprint frameworks.

PROCESS TASKS

- WHITEBOARD is uploaded to our wiki page.

USER STORIES(broken down into tasks)

- As a User, I can login to the program
  - Create login layout
  - Create the login forms
  - Create a secure authentication system
  - Implement Sessions
- As a User, I can schedule lab time.
  - Create a calendar
  - Create the database

- - Create a timetable that lists the room numbers and availabilities.
    - Create an add function.
  - As a User, I can remove a scheduled booking.
    - Create a delete function
  - As an admin, I should be able to block off the entire semester for certain courses.
    - Create a recursive function to book the labs throughout the semester
  - As an admin, I can put restrictions on the number of bookings per teacher.
    - Create a control panel for admins to have control over the system
  - As an admin, I can make announcements.
    - Create an announcement function that uses the database to keep track of what the admin is willing to add/edit.
  - As an admin, I can add/approve/remove users.
    - Add the functionality to add/approve/remove users.

  - The sprint backlog is on our wiki page.
  - There are 3 things that went well:
    - We were able to implement CodeIgniter and Blueprint easily.
    - Creating the database model was relatively easy.
    - Creating the Login page went well due to our technical skills.
  - There are 3 things that need to be improved:
    - Communication skills
    - Designing skills
    - Time managements.
  - Refer the wiki page for the tickets.
  - We have spent roughly 15mins daily, to go over the things we have done so far.
  - See attachment scan file, for notes for the discussions had with our client.

THINGS TO DO ON MILESTONE 3

- Login auth, system (Zeeshan)
  - Implement encrypted cookies and session IDs.
  - Session IDs should be in the database.
- Design the layout of calendar Page.(SIMON)
- Implement functions that interact with booking part of database (MICHAEL)

- These include add, delete, update, and search functions
- Use the above functions on the calendar to present booking informations (BERTAN)
  - Create the secondary booking page.