**About The Application**

The application is about booking and managing rooms for make-up classes at AIUB.

**Feature Requirements**

1. There are two types of users in the application; **Admin** and **Faculty**. Different types of users will have different privileges throughout the application. All the users must login to the system to get access to the information.
2. The responsibilities of **Admin** are:

* Add a faculty
* Setup the class routine at the beginning of a new semester
* Add a new room/class schedule
* Manage existing rooms
* Confirm a room booking request from a faculty
* View a report of make-up classes that has been taken by different faculties in a specific timeframe

1. A **Faculty** can do the following things:

* Request to book a room for a specific time
* View the list of his bookings
* View the list of the make-up classes he/she has taken in the current semester

**Technical Requirement**

1. Make sure that no information can be accessed without a valid login.
2. Users of a type should not be able to access information of users of other type. For example, a faculty should not be allowed to view the pages what an admin is supposed to see.
3. All input fields should be validated with proper validation rule.
4. Use CodeIgniter framework for your application

**Database Design**

The design of database is completely upon you. The tables and the columns are also should be according to your need. Keep the tables simple and keep the information that you think is important for an entity. Design it as you like but do it wisely.

**VIVA**

There will be a VIVA on the day of submission of your project. It will cover the whole syllabus of Mid-term including your project.

**Submission Deadline on or Before 10/03/2016 (Thursday)**