Project Report

# East West University

## Dept. of Computer Science and Engineering

### **CSE411**: Software Engineering and Information System Design

Section: **1**

### Instructor: **Sadia Sharmin**

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| Group Members | |
| Abdullah – Al – Haris Shakib | 2015-1-60-123 |
| Md. Ashiful Arefin | 2015-1-60-125 |
| Syed Saiful Islam Asik | 2014-3-60-023 |

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# Stakeholders

Here’s the list of potential stakeholders of the project:

1. Students
2. Faculty
3. Department Admins
4. Institution Admins
5. Engineers & Designers
6. Developers

# Requirements

## Functional Requirements

1. Users will have roles (e.g. Student, Faculty, Admin).
2. Authentication will be based on policy.
3. System admin will issue/enroll a semester.
4. Department admin will offer courses, sections, rooms and time-slot for the upcoming semester.
5. Students will enter the corresponding advising portal and choose the desired sections of the courses that they are eligible for.
6. After the advising period is over, the department admins will have the access to make modifications to the course enrollments, un-offer a course, offer new course/sections etc.
7. Department admin will finalize the advising process, and payment slips will be generated for the students who registered for the semester, and will be notified.

## Non-functional Requirements

1. Application must be able to accessible from anywhere (hosted on the cloud).
2. Application must be available 24/7.
3. Advising page should be updated in real time.
4. Users’ data must be secure and encrypted.
5. User interface should be responsive.
6. User experience should be interactive and self-explanatory.
7. The application should be agnostic of the UI Framework.