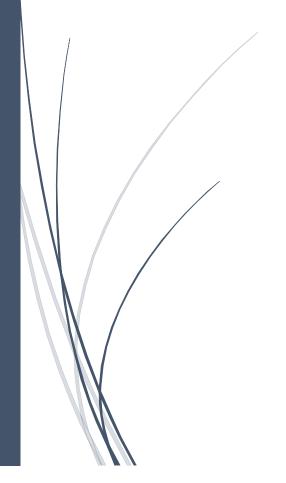
3/1/2018

# **Assignment #1**

Object Oriented Software Engineering



Sir Ahsan Nabi

## **Group Members**

## **Developer Side:**

Hafiz Abdul Majid Waseer Require

Muhammad Saqib Javaid

Asad Asghar

Muhammad Uzair

Muhammad Haseeb

■ Rana M. Haseeb-Ullah

Requirement Engineer

project manager

product tester

**Architecture** 

Developer

Developer

## **Client Side:**

- Muhammad Damil
- Muiez Arif

Section: S

## **Student Information System**

Client was came to UOL at Lahore, there's a meeting among Client, Project Manager & Requirement Engineer for Elicitation of the Requirements for the developing the project for a Collect & University purposes. These are the requirements, Feature (Constraints) and the Terms for the software Contract.

### <u>Requirements</u>

- Student Module:
  - Grade query
  - Check Attendance
  - Enrolment of Course
  - Teacher Course Allocation
  - Course Drop & Withdraw with mobile code Authentication
- Teacher Module:
  - o Mark Attendance
  - Upload Grade / Exam Details
  - Request for Course Allocation
  - Login with Authentication by both Gmail & Mobile Code
- Only Web-Base Application
- Should have Robustness All the time
- Database Should be Implemented in Oracle's standard
- The Application that you are Developing Will be in ASP.NET CORE 2

#### **Features**

These are the following features the will be provided by us to ensure that our client will be satisfy with our services:

- 1 year Software maintenance without any charges
- Domain will be given by us for free (already included in charges)
- For the first time, Hosting will be free for 1 year in account of Client, after the 1 year it will cost you accordingly
- If you required any changes in the software product, it will cost you accordingly by a success matrix after a proper sign-off
- The Application we develop, will be secure, with any kind of attack
- Our Software Product will be Performance based and interactive to Its User

#### Terms

- During warrantee's year, there are only three survey for Product maintenance. After one year, it'll cost you accordingly
- Project completion time will be about 6-months
- There are 5 6 meeting about the progress of the project
- There are 4 Phases for payments:
  - a. On startup of the Development 20 %
  - b. Basic structure will be 25 % paid
  - c. Before project submission after maintenance & Durability Testing, will be paid 45 % of the original product cost
  - d. After the successful startup of the WEB Application, remaining 10 % will be charged on the spot
- The product cost 15M \$