3/1/2018

**Sir Ahsan Nabi**

**Lecturer**

**Assignment # 1**

*Object Oriented Software Engineering*

**Group Members**

**Developer Side:**

* Hafiz Abdul Majid Waseer  *Requirement Engineer*
* Muhammad Saqib Javaid *project manager*
* Asad Asghar *product tester*
* Muhammad Uzair *Architecture*
* Muhammad Haseeb *Developer*
* Rana M. Haseeb-Ullah *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.

*Requirements*

* Student Module:
  + Grade query
  + Check Attendance
  + Enrolment of Course
  + Teacher Course Allocation
  + Course Drop & Withdraw with mobile code Authentication
* Teacher Module:
  + 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:
  1. On startup of the Development 20 %
  2. Basic structure will be 25 % paid
  3. Before project submission after maintenance & Durability Testing, will be paid 45 % of the original product cost
  4. After the successful startup of the WEB Application, remaining 10 % will be charged on the spot
* The product cost 15M $