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3/1/2018

Assignment # 1

Object Oriented Software Engineering

Sir Ahsan Nabi
LECTURER

Group Members

Developer Side:

- | | |
|----------------------------|-----------------------------|
| ▪ Hafiz Abdul Majid Waseer | <i>Requirement Engineer</i> |
| ▪ Muhammad Saqib Javaid | <i>project manager</i> |
| ▪ Asad Asghar | <i>product tester</i> |
| ▪ Muhammad Uzair | <i>Architecture</i> |
| ▪ Muhammad Haseeb | <i>Developer</i> |
| ▪ Rana M. Haseeb-Ullah | <i>Developer</i> |

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:
 - 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 \$