**Object oriented software engineering**

**Assignment no. 1**

**Group Members**

**Project manager:**

Hassam Anwar BSSE 02153138

**Architecture design:**

Atiqa Noor BSSE 02153098

**Quality assurance:**

Shahroze Ahmad BSSE 02153122

**Developers:**

Iqra Haneef BSSE 02153048

Iqra Amjad BSSE 02153221

**Section "S"**

***Course Allocation System***

Meeting with client was held in the university of Lahore on 19-february-2018. We discussed with our client about the requirements and constraints of the course allocation system for University of Lahore.

The goals, Requirements and constraints are discussed below:

**GOALS:**

* To develop a user friendly Course allocation system.
* System should have meet all the requirements.
* Complete the Project on given time period (8 months).
* We will do our best to satisfy the client.

**REQUIREMENT:**

* Existing Manual.
* 3 roles Admin, Teacher and Student.
* Teacher will be exclude in 1st phase.
* 2 modules required for admin and student.
* Authentication for admin and user.
* Total site will be dynamic.
* Login and logout features.
* different Login dash board for students and teachers.
* Admin can offer courses.
* Enrolment option for students.
* Students can enrol courses which are offered by Admin side.
* Students cannot enrol the subject till he/she did study its linking subject.
* Login and set password for individual user.
* Attendance shows to student.
* Upload and update attendance option for teachers.
* Students can see their results.
* Withdraw course option for student.
* Freeze semester option for student.
* Admin can use all options available for students and teachers.
* Automatically save the record if any connection problem occurs or connection timeout.

**CONSTRAINTS:**

* + Time Duration 8 months.
  + 50% payment in advance.
  + 50% payment after delivery.
  + total payment 50,000.
  + testing will be done by them.
  + Maintenance will be free for 6 months.