# Object Oriented Software

# & Engineering

# Assignment # 1

Submitted To :

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## Introduction:-

University of Lahore wants to automate their course allocation system based on web application with three end users.

## Goal:-

Change manual enrollment system into automated enrollment system.

# Requirement Elicitation:-

- **Stakeholders:-**
  1. Admin.
  2. Students.
  3. Technicians.

- **Functional Requirements:-**
  1. Enroll course according to timetable.
  2. Timetable will be given separately.
  3. Check pre-requisite.
  4. Enable forced allocation.
  5. Student are able to give feedback.
  6. Generate enrollment slip in "PDF" format.
  7. Generate reports.

- **Non-Functional Requirements:-**
  1. System must be secure.
  2. System must be efficient.
  3. System must be reliable.
  4. System must be easy to use.
  5. Retain quickly after failure.

- **System Output:-**
  1. Save students enrollment data into the database.

- **Constraints:-**
  1. System will not generate time table according to enrollment.
  2. System will not able to register students.
  3. Fee voucher will not be generated by the system.
  4. Anything that is not mentioned above will not operate by the system.
  5. Training is not included.
  6. System will be delivered within 6-8 months.
  7. Total cost of the system is 5 lakhs with the above requirements.
  8. System will build in Java programming language.