

# **FYP AUTOMATION**

Waqar Younus  
FA16-BSCS-0039

Abdul Musawar Soomro  
FA16-BSCS-0016

Agha Muazam Ali Khan  
FA16-BSCS-0025

Project Supervisor: Adil Rao  
Lecturer

## **1. Motivation**

We have faced many problems in registration in FYP like there are no proper definition what must be done. We don't know about the advisors because there is no maintained list of advisors with their expertise or area of study. One of the most important problem we face which student is taken or who is looking for groups. The biggest irritation part was to ask every advisor either they are willing to supervise us or not, secondly we have observe supervisors have a lot of ideas but students don't know about their idea because advisors have no place to display them same as students have lot's of ideas but the domain expert don't know about that and student didn't get the domain expert as advisor.

The biggest motivation is that to improve process of FYP, We investigate this process and come to know that there will be jury, FYP committee and advisors but how they will exchange the information with each other in a proper way how they will track what the student is doing and what the advisor is doing mean while there is no record or proper system to track the things so the motivation is to fulfill the need of our beloved Mohammad Ali Jinnah University.

## **2. Overview**

The main idea behind the project is to make online FYP system for Mohammad Ali Jinnah University, which helps the Students, Jury, and FYP Committee

### **2.1 Significance of the Project**

The significance is simply to make process of FYP easy and quick so every stack holder can focus on their project/ideas instead of stuck on the process. Surly it is important for the current need of our university, as there is no way to deal with FYP trough any online system.

### **2.2 Description of the Project**

The main objective behind the project is to make the FYP registration process easier for the students. The user will have access to a centralized portal where they will find all the information they need to register for the FYP. The student will simply register and mention their idea along with their group members and the desired supervisor. The supervisor then see the projects that the students have posted and then they can call the corresponding group.

## **2.3 Background of the Project**

## **3. Methodology**

### **3.1 Design phase**

Justifying this solution is pretty straightforward because this portal will make the lives of the students a bit easier. They will not have to go to different teachers and counters to register for their FYP. There won't be any complications later on and the whole process will be completely smoothly.

### **3.2 Implementation phase**

The portal will be web based and it will be developed using HTML, CSS, Bootstrap, Javascript, JSON, JQuery, Laravel and MySQL.

### **3.3 Testing phase**

How do you plan to test the implementation of your project? What sections or aspects of the project should be tested? State when and how.

### **3.4 Evaluation phase**

How are you going to evaluate the results of your project? You should provide graphs, simulation results, timing charts, hardware or software demonstrations, or use other methods. What specific aspects of the project are you going to evaluate?

## **4. Features**

- **Registration**  
Student and supervisor registration
- **Document Submission**  
The user can submit their proposal, ppt and report.
- **Assignment of Supervisor**  
Supervisor will select the group if they like the project.
- **Meeting Track**  
Meeting progress will be tracked so that the students complete their tasks that have been discussed in the meeting
- **Grading**  
The supervisor and jury will place their grade.

## **5. Project Planning**

You should provide a detailed schedule for the successful completion of the project. It should also detail the responsibility of each student for group projects. You should use some common scheme such as Gantt charts for this purpose.

## 6. Hardware and Software Requirements

It will be completely web based, there are no especial hardware requirements.

## 7. Diagrammatic Representation of the Overall System

A detail diagram of the overall system is needed on a separate (preferably the last) page of this proposal. However, the in-text figures should be provided in the format as given below.

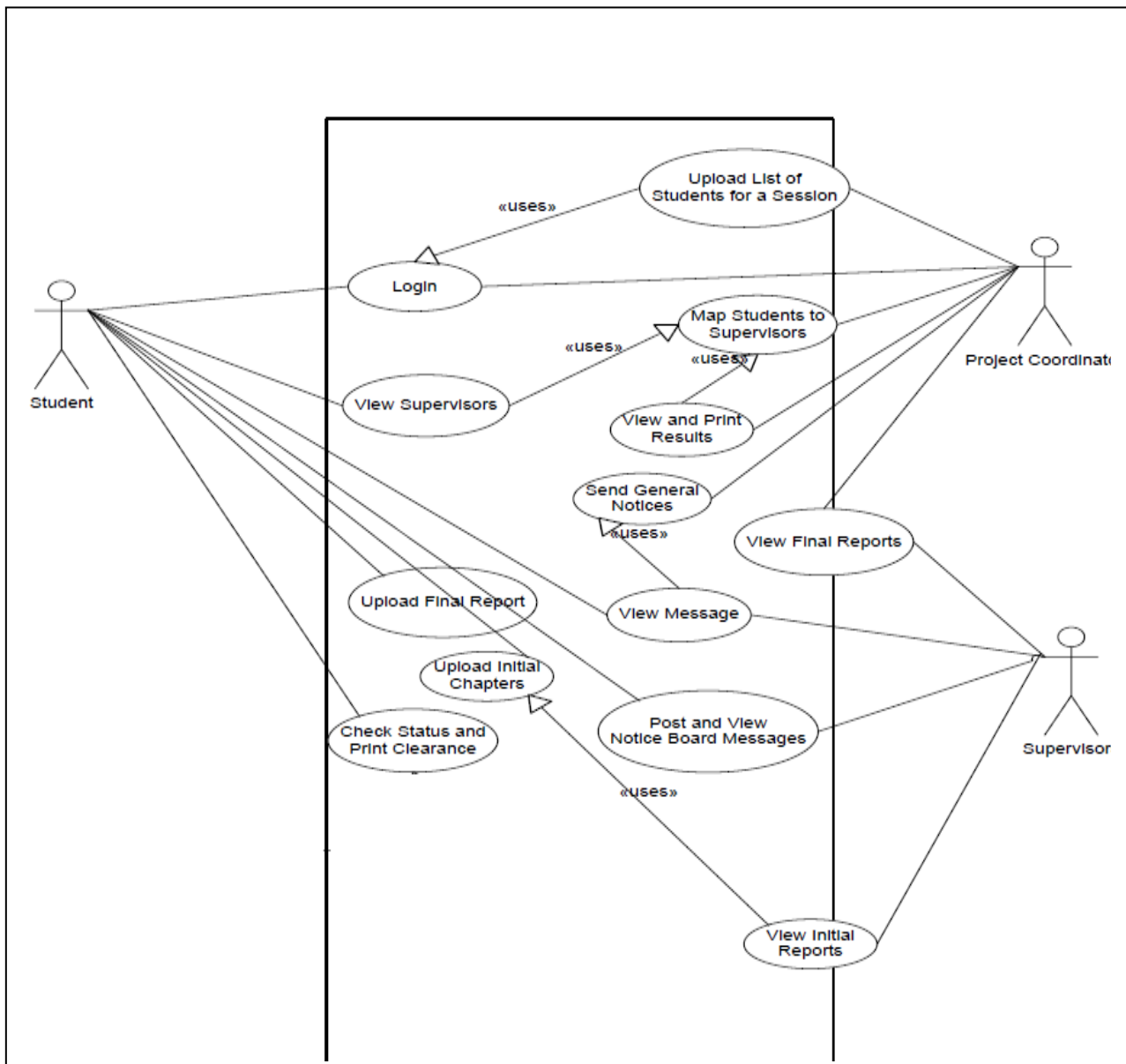


Figure 1. Write here what the figure is all about.

## 8. References

List and number all bibliographical references at the end of your proposal. When referenced in the text, enclose the citation number in square brackets, for example [1]. Where appropriate, include the name(s) of editors of referenced books.

[1] A.B. Smith, C.D. Jones, and E.F. Roberts, “Article Title”, *Journal*, Publisher, Location, Date, pp. 1-10.

[2] Jones, C.D., A.B. Smith, and E.F. Roberts, *Book Title*, Publisher, Location, Date.