

Student-Faculty Project Managing

Midsem Project Report

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1 Introduction

This document outlines the details of the project "Managing Student-Faculty Project". This project provides a system for managing project selection for students and helping faculty in keeping track of number of students that have applied for their projects. Students can give preference to projects. Faculty can mark their student preferences.

2 Requirement Specification

2.1 Definition, Acronyms

1. *Faculty* is used to identify registered Faculty or any other Teaching Staff.
2. *Student* is used to identify registered students having valid Roll Number.
3. *Project* is used to identify projects declared by Faculty which are to be done individually.
4. *Preference* is used to indicate priority level for that object. Object can be Project or Student.
5. *Admin* is used to identify an entity which manages Students and Faculty.

2.2 Requirement Specification

The Requirements specified are as follows:

1. Admin can add Students.
2. Admin can add Faculty.
3. Admin can add other admins.
4. Projects are declared by Faculty.
5. Students fill form for projects and enter their preference for it.

6. Students can update the preference.
7. Faculty can view Student's preference applied for their Projects.
8. Faculty can mark their Student preferences.
9. All information is visible to Admin. Information can be viewed per Student, per Project and per Faculty.

3 Architecture Description

4 Implementation, Tools & Technologies

Technologies used are PHP for frontend, Mysql for database.

5 Observation & Conclusion

This system provides an interface for students and faculty to collaborate on managing distribution of projects to students based on their preferences. Students can provide their own preferences and Faculty can mark certain students as preferred.

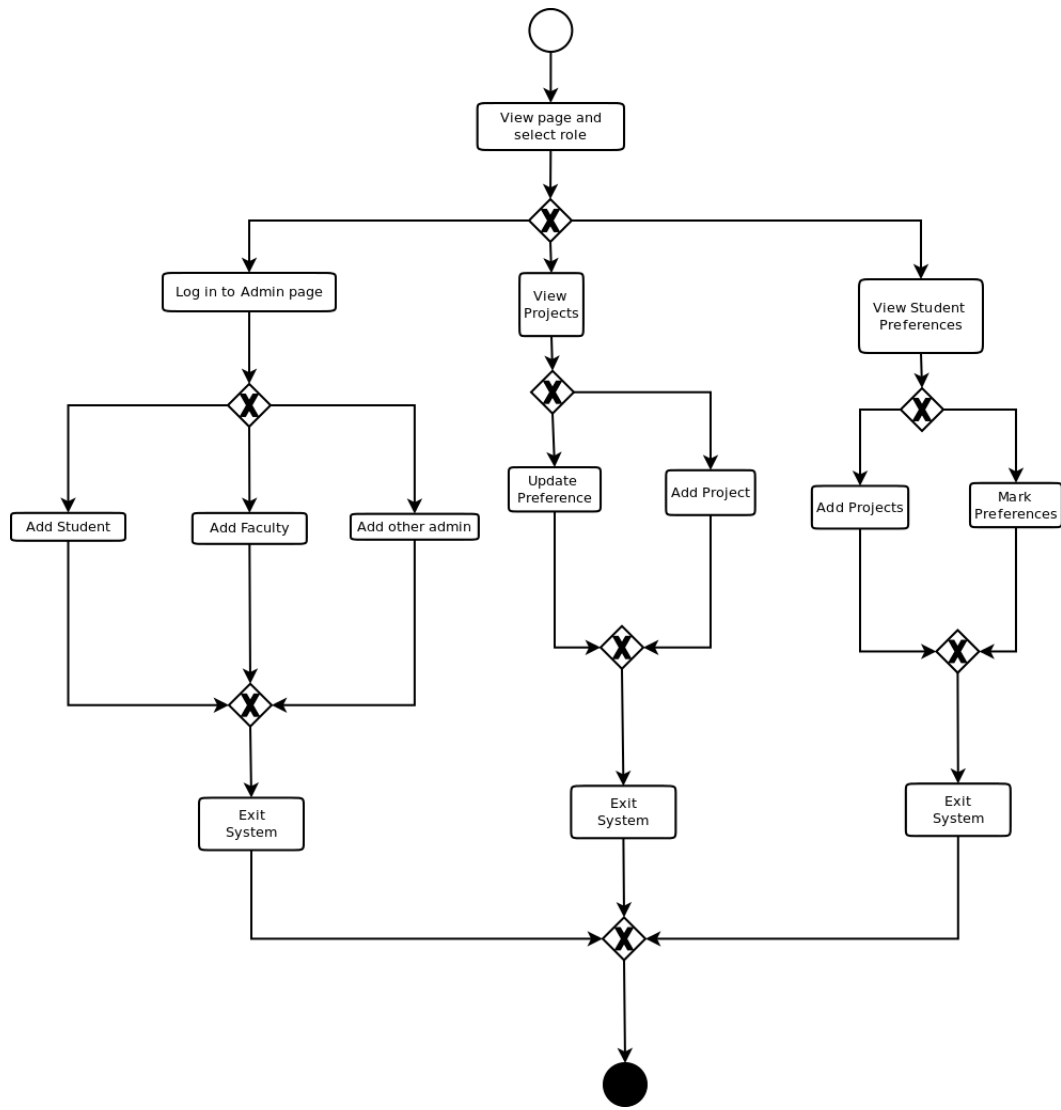


Figure 1: Pattern Diagram

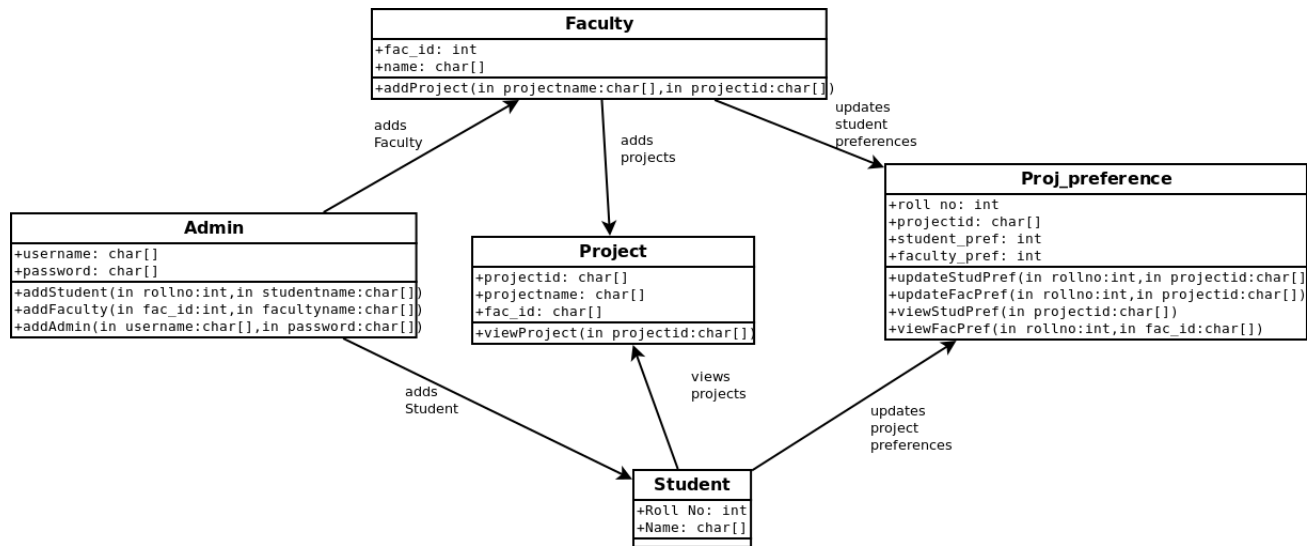


Figure 2: Class Diagram

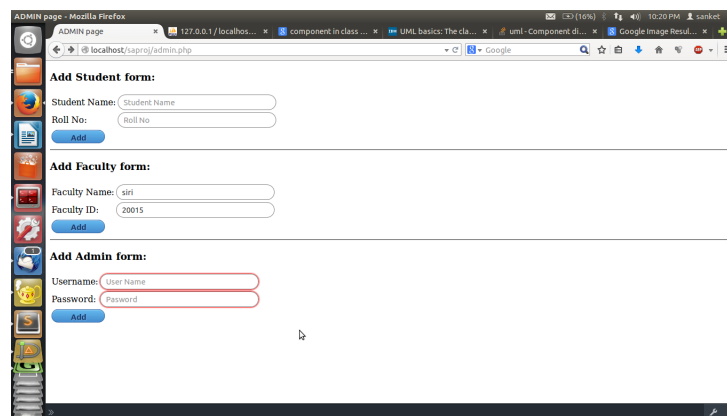


Figure 3: screenshot