A Mini Project Synopsis on

Student Admission Management System

S.E. - I.T Engineering

Submitted By

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CERTIFICATE

This to certify that the Mini Project report on **Student Admission Management System** has been submitted by Chirag Padayl (20104034), Anuj kundar (20104047), Jaykumar Nayi (20104005) and Vishal Bangar (20104084) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfillment of the requirement for the degree in **Information Technology**, during the academic year **2021-2022** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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Acknowledgement

Chapter 1

Introduction

Online Admission System is aimed at developing an online admission application for a college. This system is an online system that can be accessed throughout the organization and outside as well with proper login provided. Our system has two types of accessing modes, administrator and user. Student management system is managed by an administrator. It is the job of the administrator to admit and monitor the whole process. When a user logs in to the system. He would only view details of the student. He can't perform any changes. The system has two modules. They are

- User
- Administrator

Student's must login to apply for the course by filling an application form provided by college. College's principal/administrator must login to access/search in forms put up by the students.

1.1 Purpose:

1) Students can login and submit the admission form.
2) To reduce the manual work, maintaining accuracy, increasing efficiency and saving time.
3) The online admission system is highly reliable and efficient and eliminates chances of such errors.

1.1 Objectives:

The main objective of this system is to reduce consumption of time during maintaining records of college admission process. Separate tables are provided to maintain record of student and fee details. In other word our college admission process has following objectives:

- To make User interfaces that are user friendly and attractive.
- To make payment and admission cancellation process smooth.
- To computerize the admission management system structure.
- To track application status.
- To automate the selection process.
- To Save Students and College management members Time.

1.2 Scope

Our project aims at Admission process automation,

- Man Power Saving - Institutes don't need to allot additional manpower to manage heavy crowd.
- Do not require printing & storing forms.
- Does not require to collect forms of all the candidates and file them.
- It is Rapid & Flexible.
- Generates Real time Reports for analysis.

Chapter 2

Problem Definition

The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy.

The reason behind it is that there is lot of information to be maintained and have to incur huge costs in maintaining academic records and have trouble in tracking bills and financial information. And Staff workload is heavy and resources are not optimized well to find the best students.

Chapter 3

3. Proposed System:

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system.

- An online admission system lets the student apply for a course online, submit mark sheets/documents, and check their application status
- On the other hand, it allows the institutions to track the applicants, follow-up with them, schedule counseling sessions, accept digital documents, check eligibility, and accept/reject the application

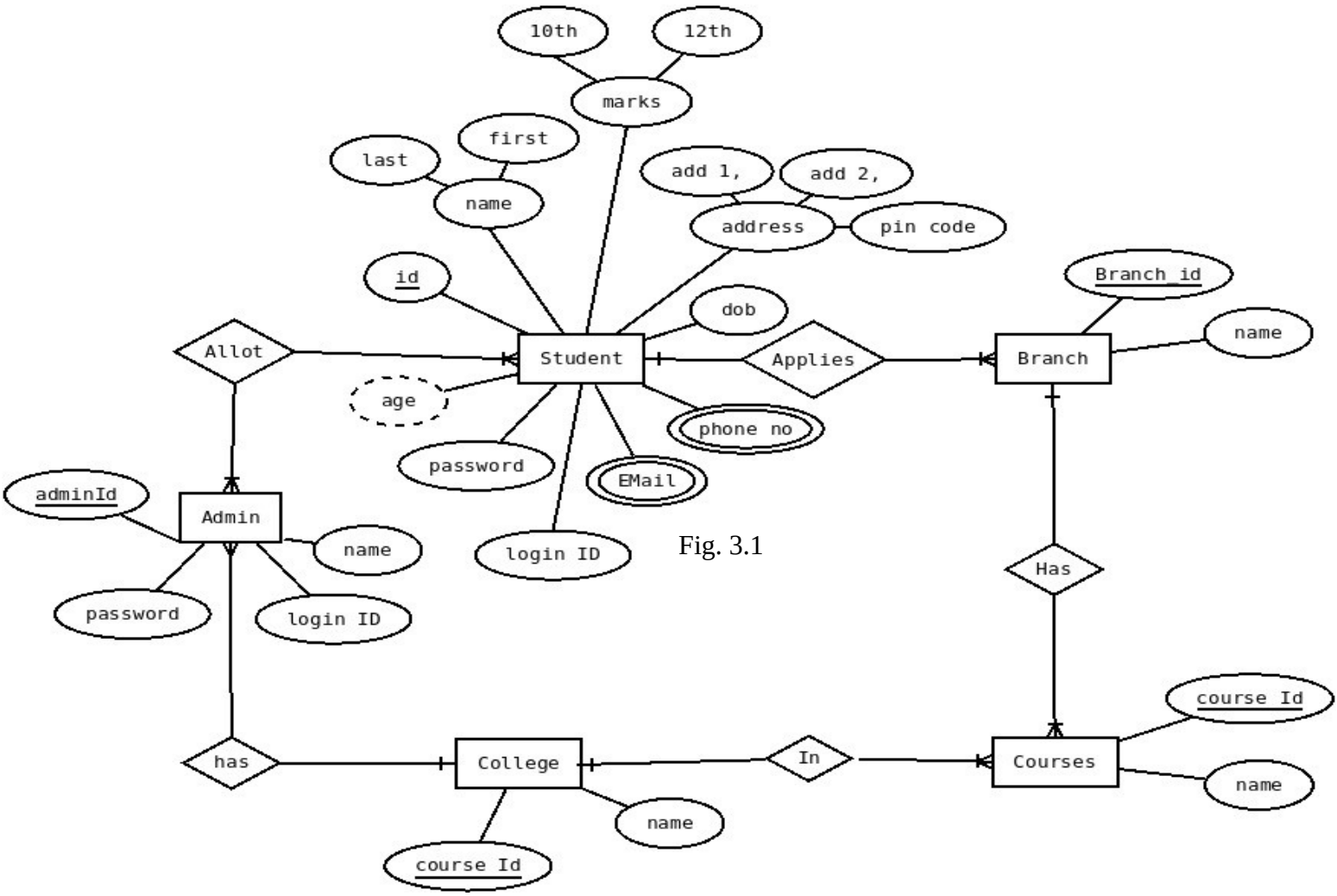


Fig. 3.1

ER Diagram

3.2 Features and Functionality:

- As a student, you can register & apply for online admission by login the student portal for admission by entering your credentials.
- Student can apply for any course and can also cancel the admission at few clicks.
- Students Details Like personal details, Login details, mark-sheet details and other details can be stored securely in a centralized system.
- Student Can Upload Document and Picture Easily and Securely
- Admin can see Tabular Form of Registered Student Data with different type of Sort for easy accessibility.
- Simple and Easy UI.

Chapter 4

Project Outcome:

- Administrator has easy access to all student data.
- Student can more convenient take admission or cancel admission for any branch.
- Automatic Student get qualified based on his/her marks and So, reduces extra workload.

Chapter 5

Software Requirements:

- Front End: - Java.
- Frame Work: - Java Swing.
- Back End: - MySQL.
- IDE: - Visual Studio Code

Chapter 6

Project Design :

In this phase, a logical system is built which fulfills the given requirements. Design phase of software development deals with transforming the client's requirements into a logically working system. Normally, design is performed in the following in the following two steps:

1. Primary Design Phase: In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimizing the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

2. Secondary Design Phase: In the secondary phase the detailed design of every block is performed.

The general tasks involved in the design process are the following:

1. Design various blocks for overall system processes.

2. Design smaller, compact and workable modules in eac0h block.

3. Design various database structures.

4. Specify details of programs to achieve desired functionality.

5. Design the form of inputs, and outputs of the system.

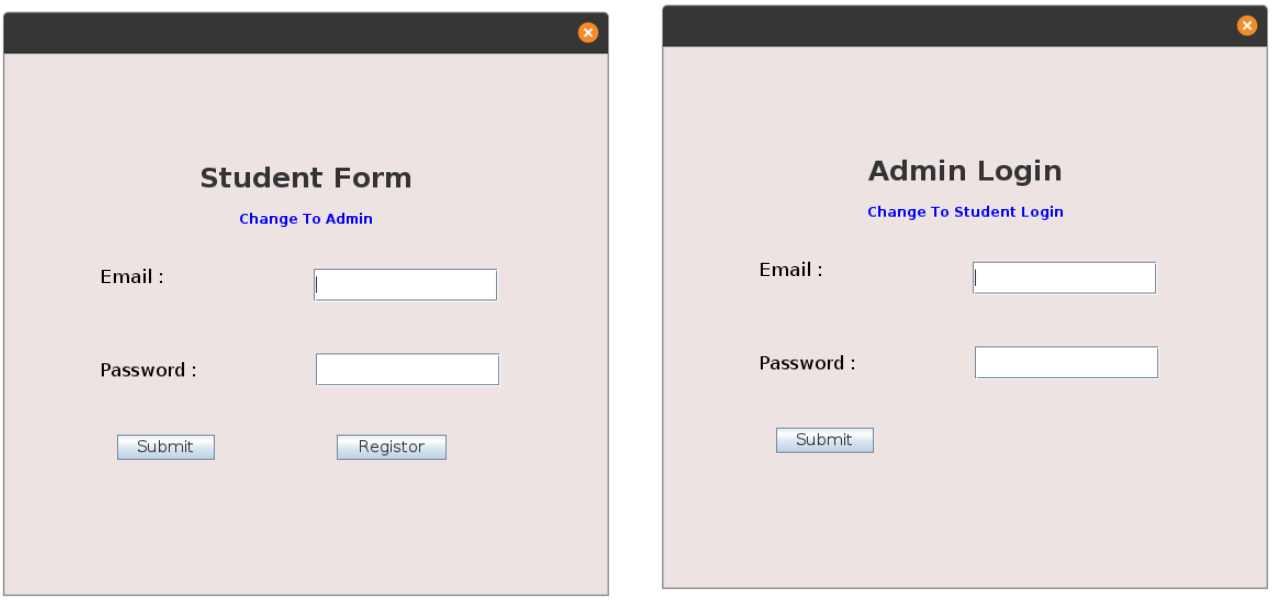
6. Perform documentation of the design.

7. System reviews.

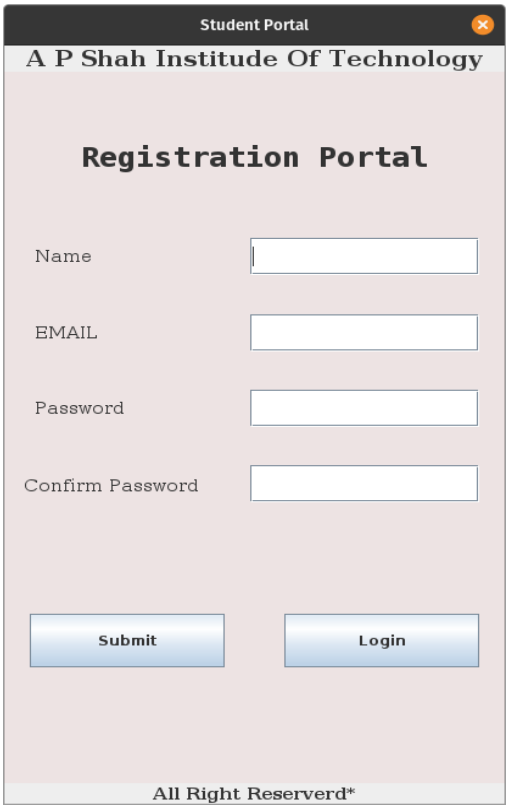
6.1 Implementation:

User Interface Design

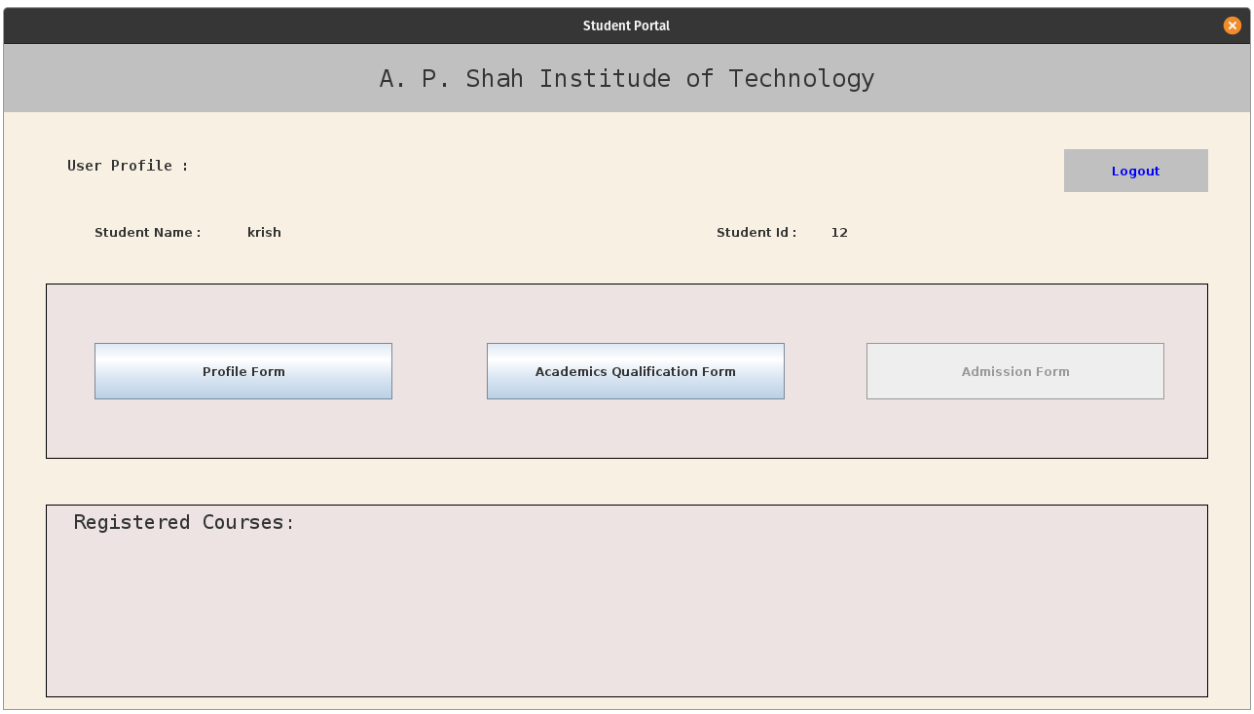
User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.



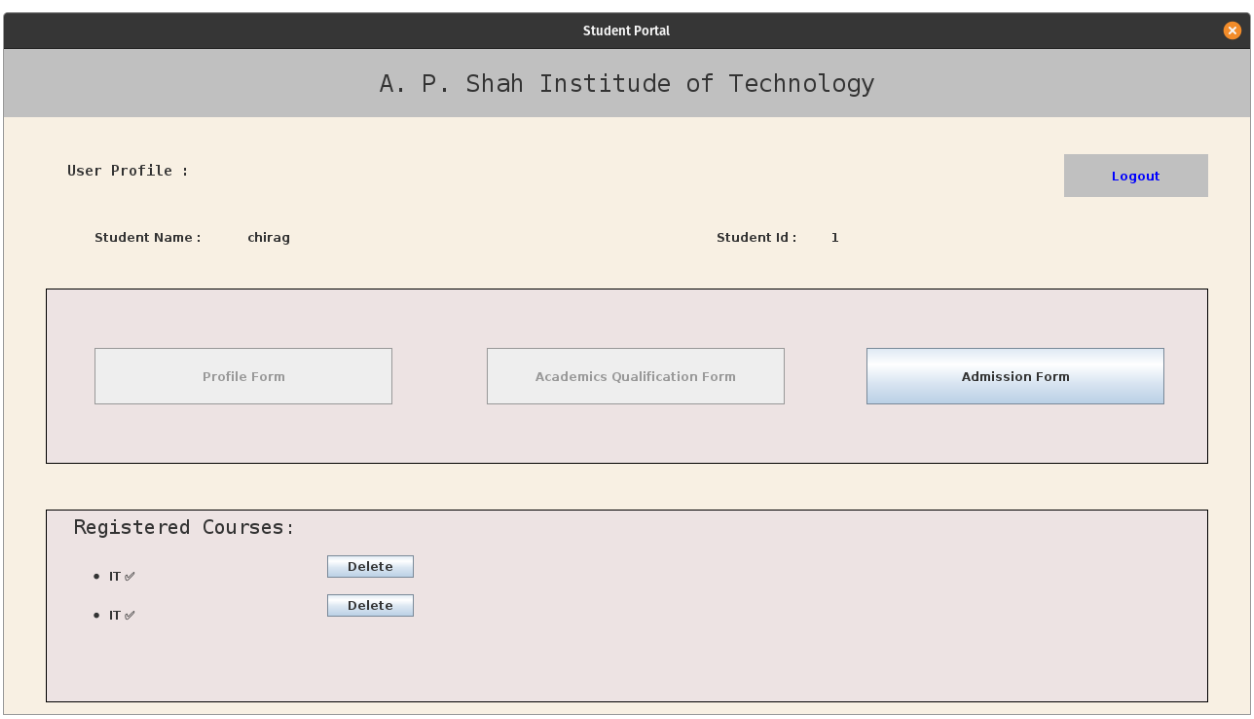
Student and Admin Login (Student or Admin Can Login with their Credentials)



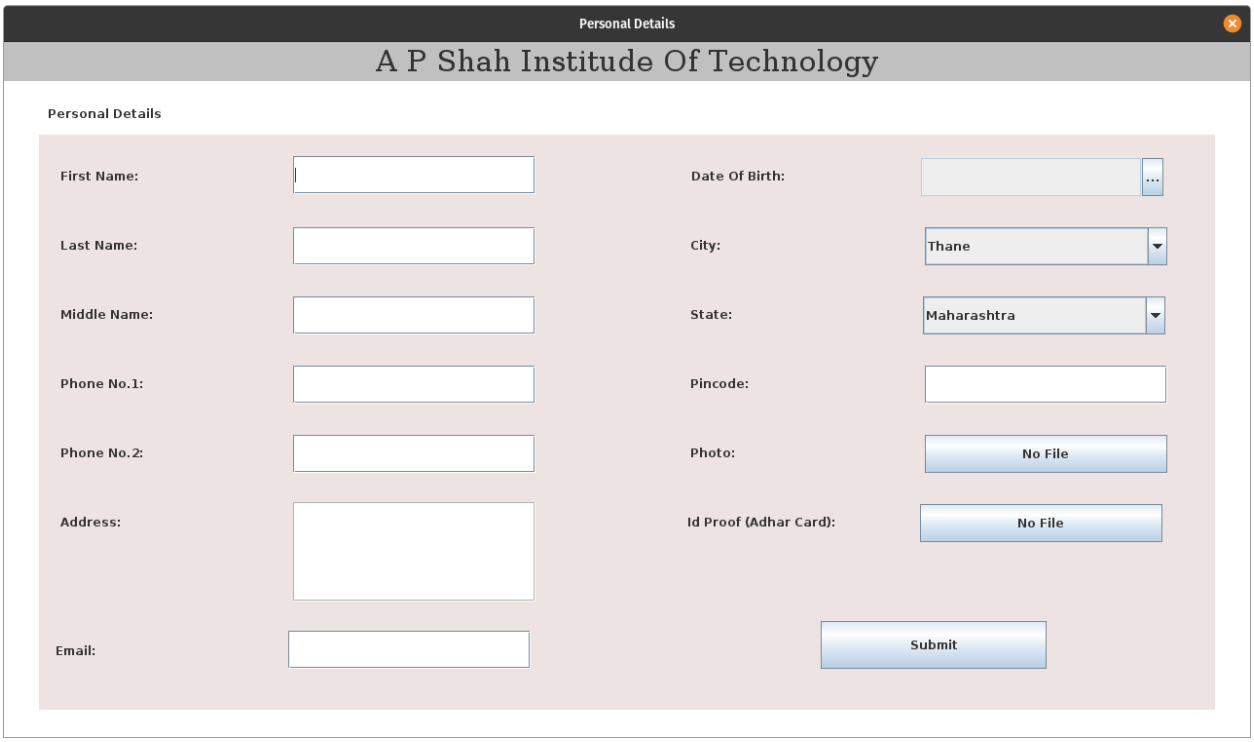
Student Registration Form (Student can Register with this form)



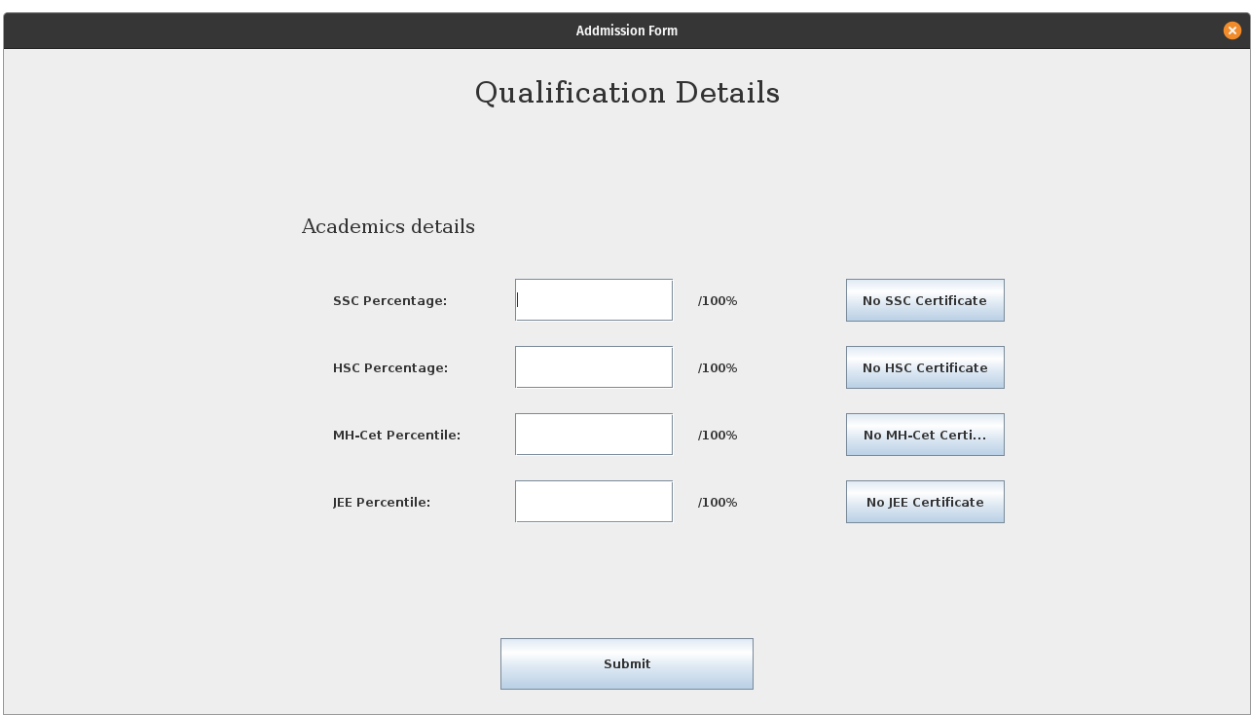
Student Panel Unfilled Forms.(Student can monitor the form status and fill Form)



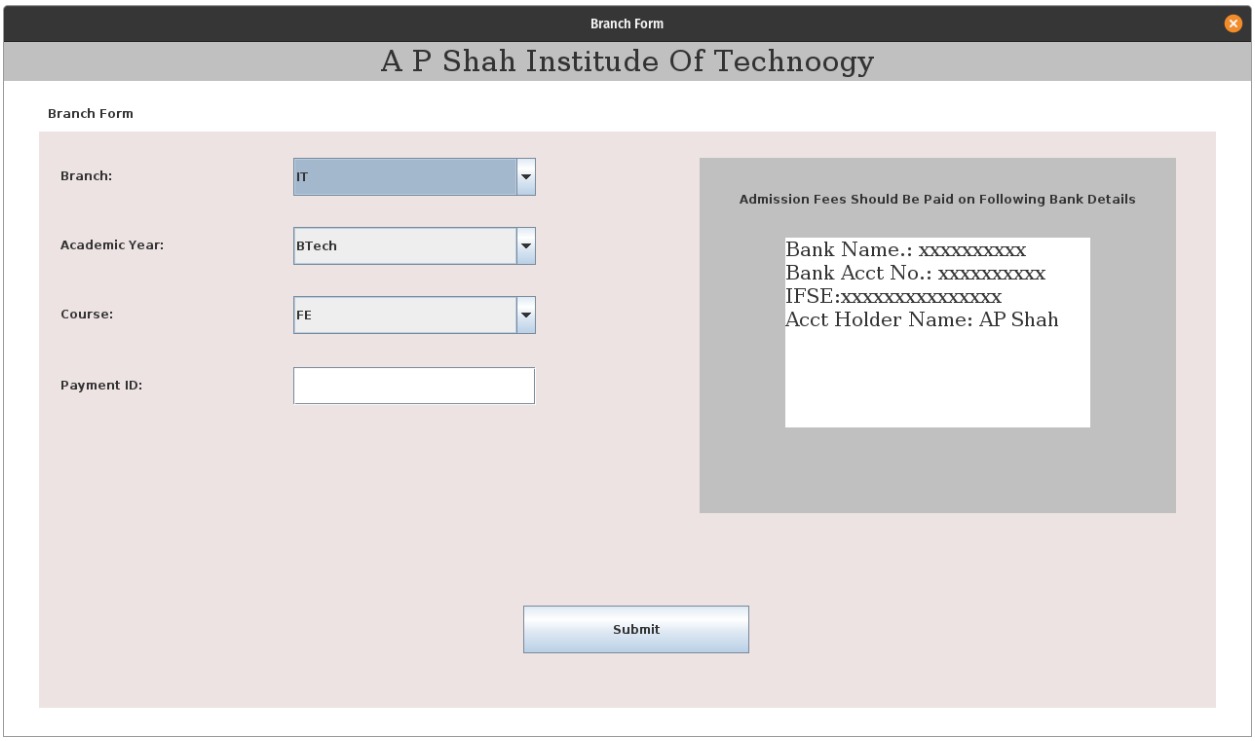
Student Panel (filled Forms)



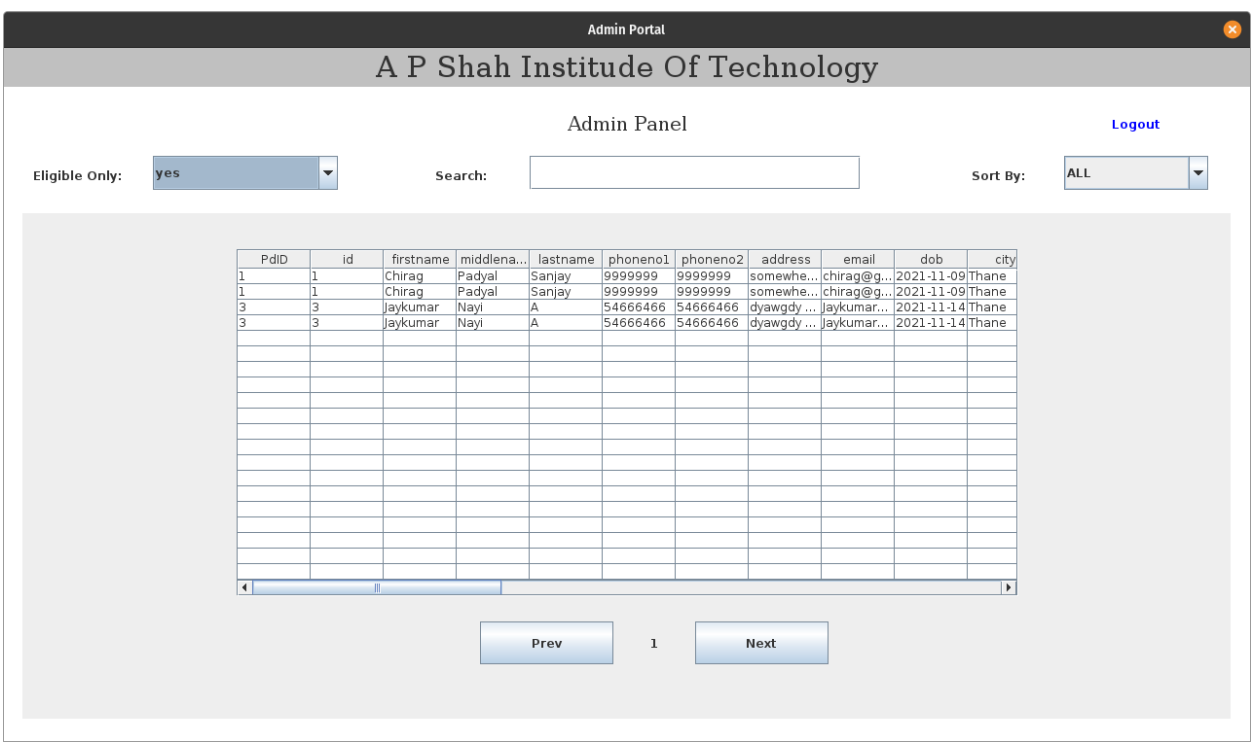
Personal Details Form (used to fill personal details of student)



Qualification Details Form (used to fill qualification details of student)



Branch Details Form (used to fill Branch details of student)



Admin Panel (used by admin to see all registered student details)

Chapter 7

Project Scheduling Template

Sr No.	Group Members	Time Duration	Work to be done
1.	Chirag Padyal Anuj Kunder Vishal Bangar Jaykumar Nayi	3rd Week Of September	*Designing Login and Registration Page for Student and Admin* *Designing Student Panel with Logout Button* *Designing Admin Panel*
2.	Chirag Padyal Anuj Kunder	4th Week Of September	Qualification Form Personal Detail form Branch Detail Form
3.	Vishal Bangar Jaykumar Nayi	2nd Week Of October	Student / Admin Login and Registration JDBC connection.
4.	Chirag Padyal Anuj Kunder	3rd Week Of October	Student Qualification, Personal Detail and Branch Detail Form Backend Connection and Document Upload.
5.	Chirag Padyal	4th Week Of October	Admin Panel Tabular Data From All Student Table.
6.	Vishal Bangar Jaykumar Nayi	1st Week Of November	Input Limit and Form Button Disable
7.	Chirag Padyal Jaykumar Nayi	2nd Week Of November	Auto Qualification based on Mark-Sheet

Chapter 8

Conclusion:

By this project we are trying to implement an online admission process which is a student admission management system, which is good and an easy way for reduce in hand work and making less handwork necessary. Students' database can be retrieved within quick interval of time proper maintaining of records can be achieved. Our system presently aims on creation of an good student admission management system for the colleges and universities to automate the selection of students.

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