A Mini Project Report on

APSIT Offline 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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Chapter 1

Introduction

Offline Admission System is aimed at developing an admission application for a college. This system is an Offline system that can be accessed throughout the organization. System can be accessed only by Root Administrator. Cut-Off List is generated by Root Administrator . It is the job of the administrator to admit and monitor the whole process. The system has only one module. That is Root Administrator, Student's must visit college to apply for the course by filling an application form provided by college. It provides proper certificate verification.

1.1 Purpose:

1. To reduce the manual work done by staff members
2. To maintaining accuracy of admissions by automating the process.
3. To increase the efficiency of admissions and save time.
4. This admission system is highly reliable and efficient and eliminates chances of any errors.
5. Admission system of application portal makes the admission process easy
6. A Student admission system provides a consolidated view of the applicants interaction history, since their first interaction
7. An efficient Student Management System makes the enrollment process easier for the students and counselors
8. Transfer the data smoothly to all the departments involve and handle the data centralized way
9. Admission Management System is a digital solution to manage students enrollments in college.

1.2 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 computerize the admission management system structure.
- To receive mail on admission and on selection.
- To automate the cutoff list process.
- To Save Students and College management members Time.

1.3 Scope

Our project aims at Admission process automation,

- Manpower 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, whereas in our software there will be e-copy of all files and no need to maintain record in form of hard-copy as file will be stored in pdf formats, also a folder will be maintain for each student where their document will be stored for ease of access, there is also auto admission list generation to get all the best students from a particular branch and also a mailing service to inform them on their selection.

The reason behind it is that there is lot of information to be maintained and must 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.Totally all works at the time of the admission of the students is done manually by ink and paper which is very slow and time consuming .

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The work at the time of admission of the applicant is done manually by ink and paper, which is very slow and consuming many efforts and time. It is required to design of a computerized automated student admission system. To increased number of student admission has led to inefficient organization and management of student’s records. the collectively processing of examination results has been tedious. Due to disorganization of the records, the timeliness of delivering examination results has been poor.

Chapter 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 offline admission system lets the student apply for a course offline, faster and receive instant confirmation through mail on selection and after admission done.
- On the other hand, it allows the institutions to track the applicants, follow-up with them, check eligibility, and accept/reject the application

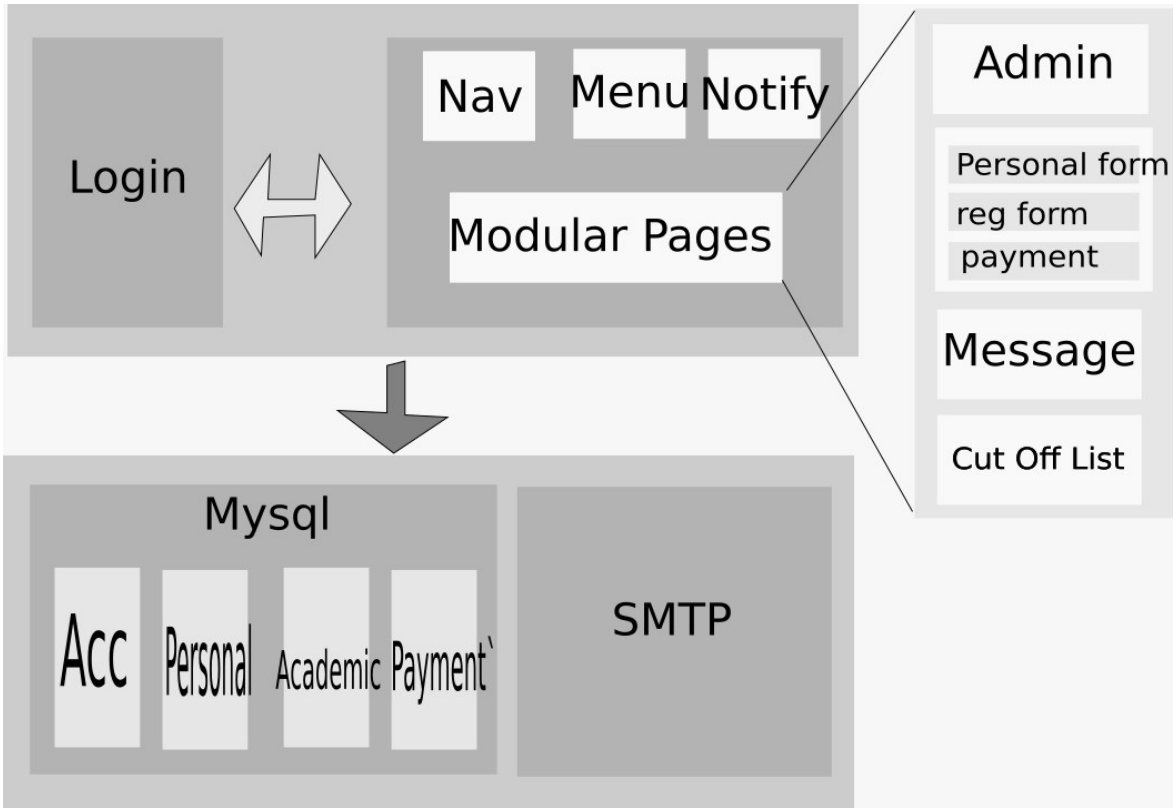

Fig3.1: Block Diagram

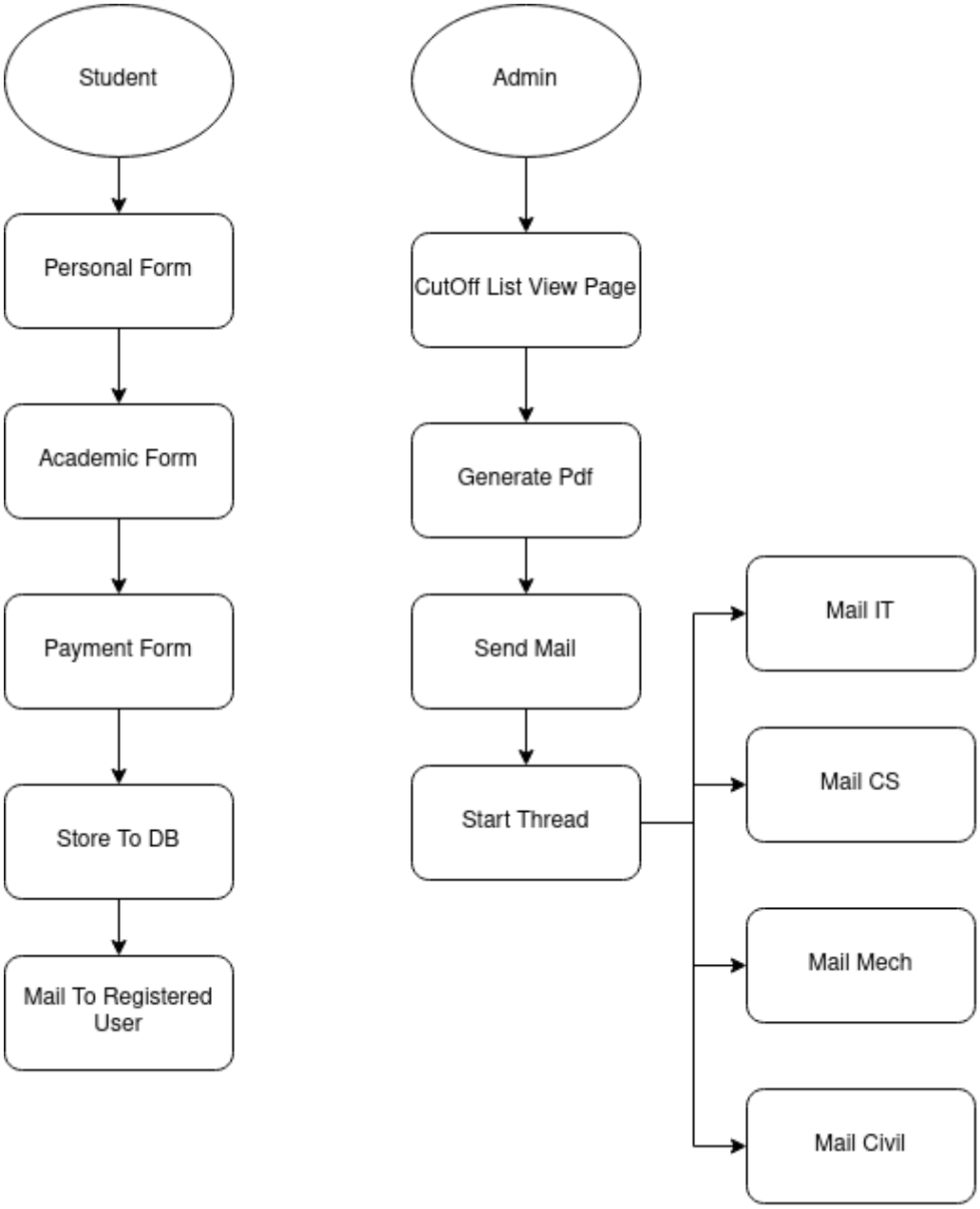

Fig3.2: Flow Chart

3.3 Features and Functionality:

- As a student, you can register & apply for offline admission by filling an admission Form.
- Student can apply for any course.
- Students Details Like personal details, Login details, mark-sheet details and other details can be stored securely in a centralized system.
- Admin 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 User Interface.

Chapter 4

Project Outcome:

- User can Register and Login
- Administrator has easy access to all student data.
- Student can more conveniently take admission or cancel admission for any branch.
- Automatic student get qualified based on his/her marks and so, reduces extra workload.
- Students have to upload the profile picture for the college ID-Card
- Can access to the notice board of college for regular updates.
- Email will be sent for the confirmation of the admission.
- Cut-off list will be generated on the basis of merit list.
- Students can enroll in multiple departments.
- Students can track application status.

Chapter 5

Software Requirements:

- Language: - Python 3.9.7
- Framework: - PyQT5.
- Data Base: - MySQL.
- Docker

Chapter 6

Project Design

To login into admission portal

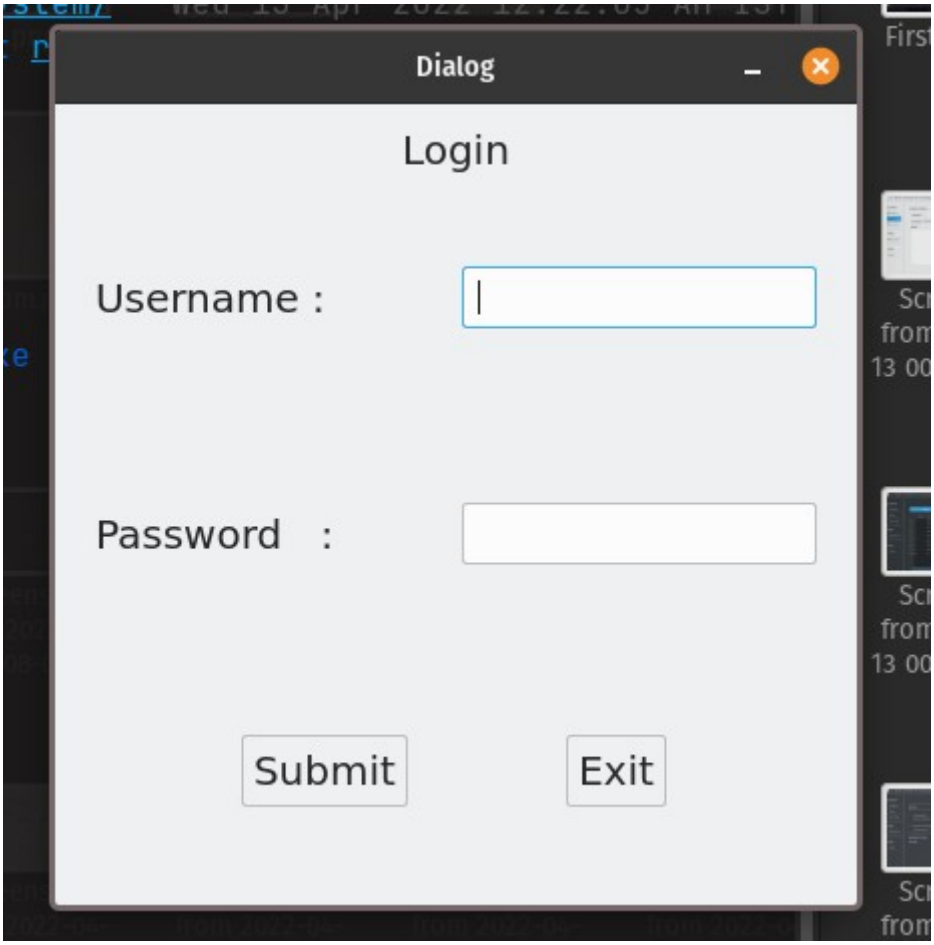

Fig 6.1 : Login Page

Dashboard of logged user, where user can navigate to other section of app

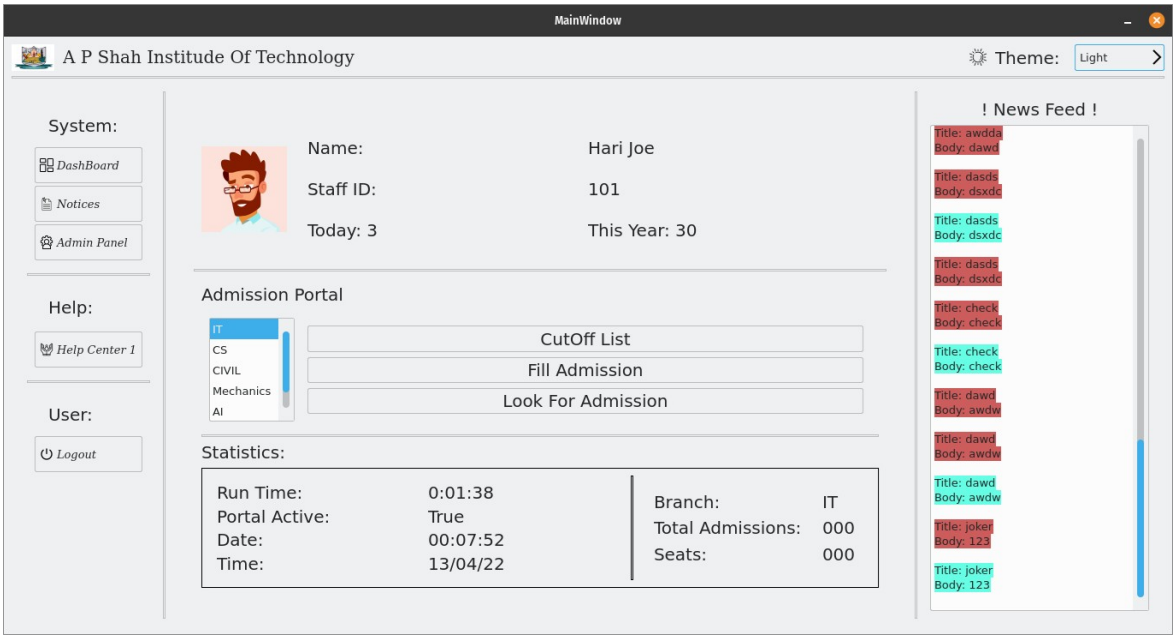

Fig 6.2: Dashboard Page

User can publish notification for other user to see

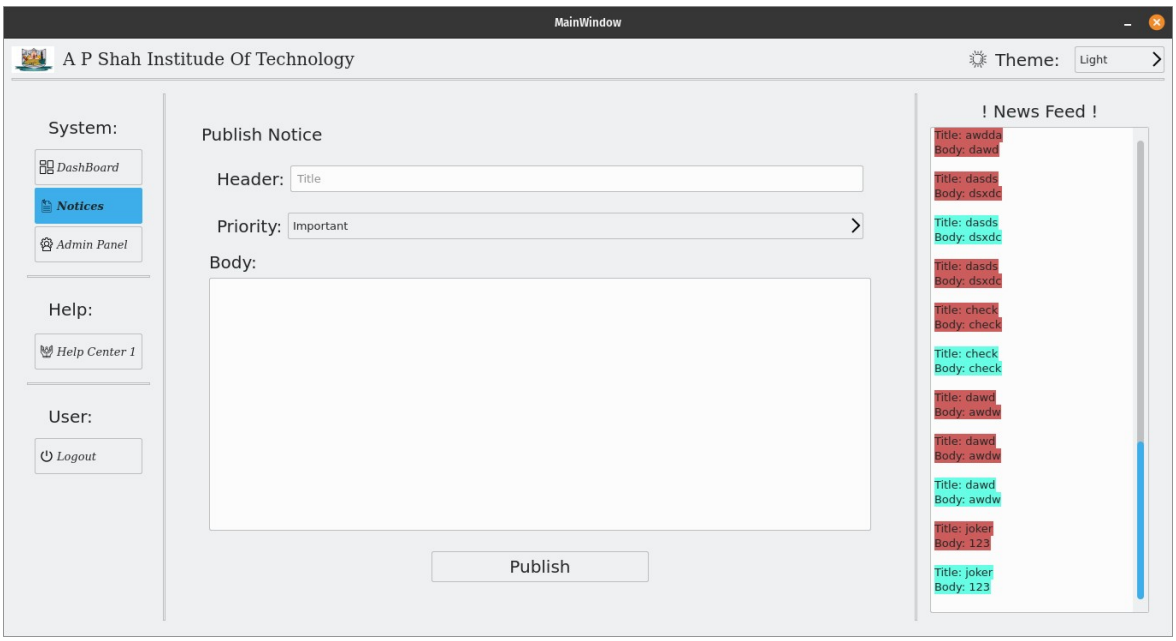

Fig 6.3: Notification Page

All details of student who have taken admission

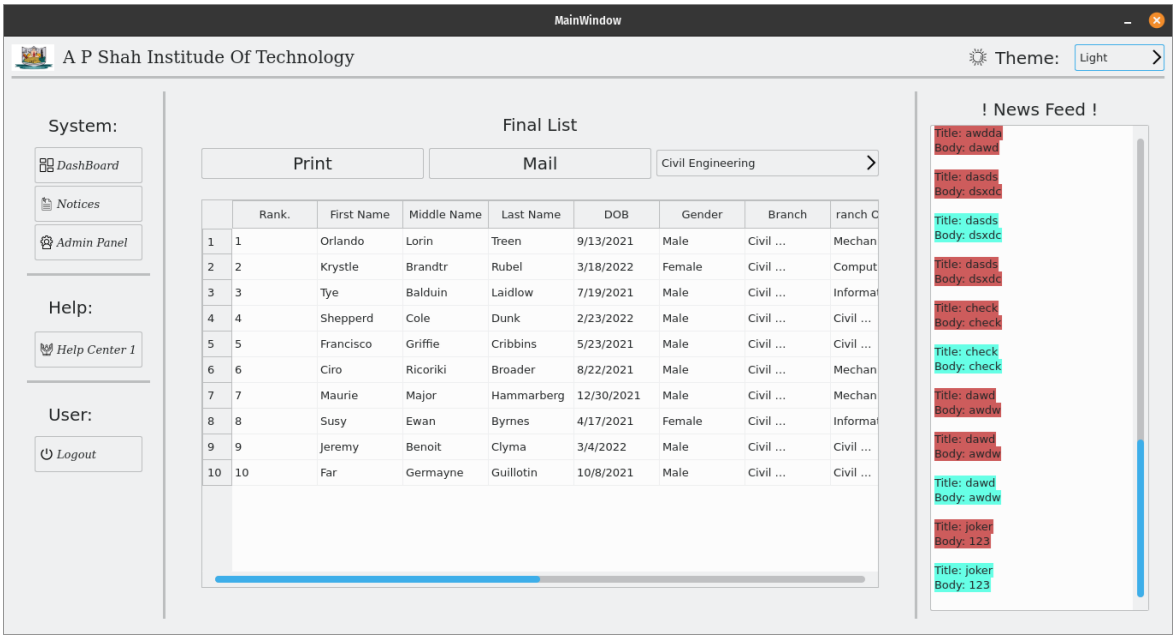

Fig 6.4: Admin Page

Contact Details of help desk in case of emergency

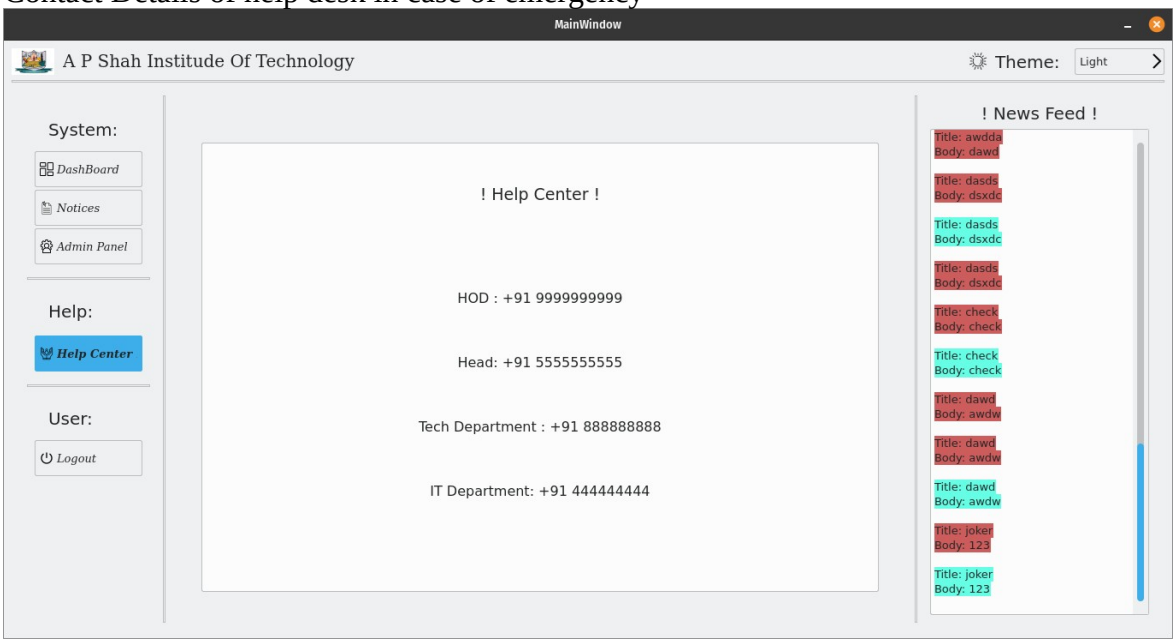

Fig 6.5: Help Page

Page to see cut off list of current student and also to generate cutoff PDF and mail selected students

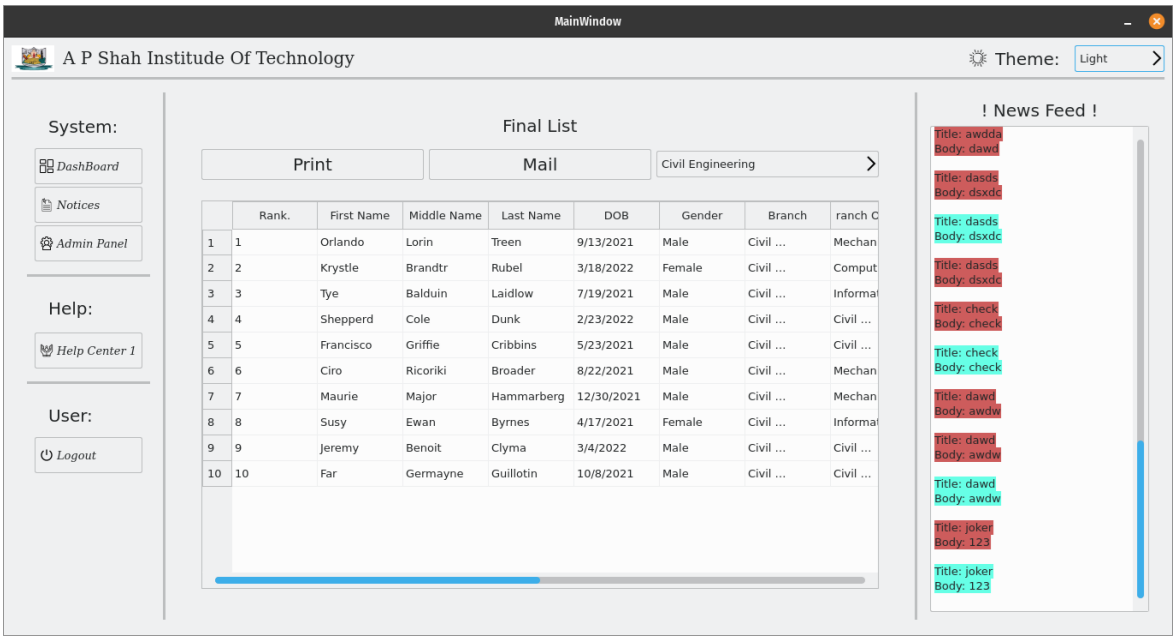

Fig 6.6: Cut Off List Page

Admission Form 1 to take admission, about student personal details

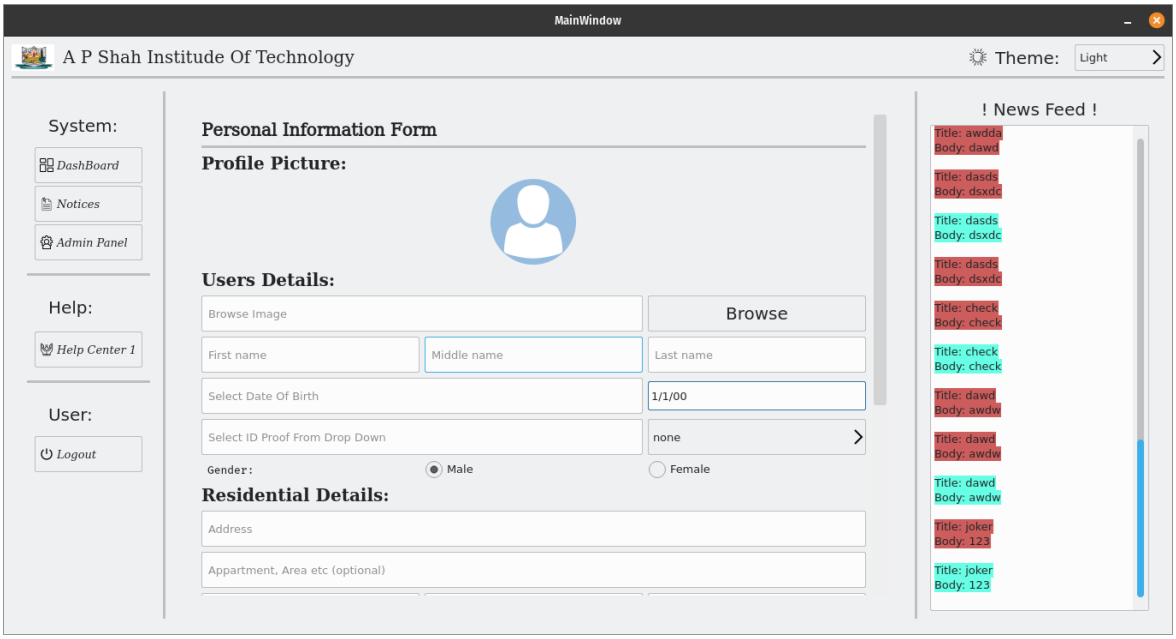

Fig 6.7: Personal Information Page

Admission Form 2 to take admission, about student academic details

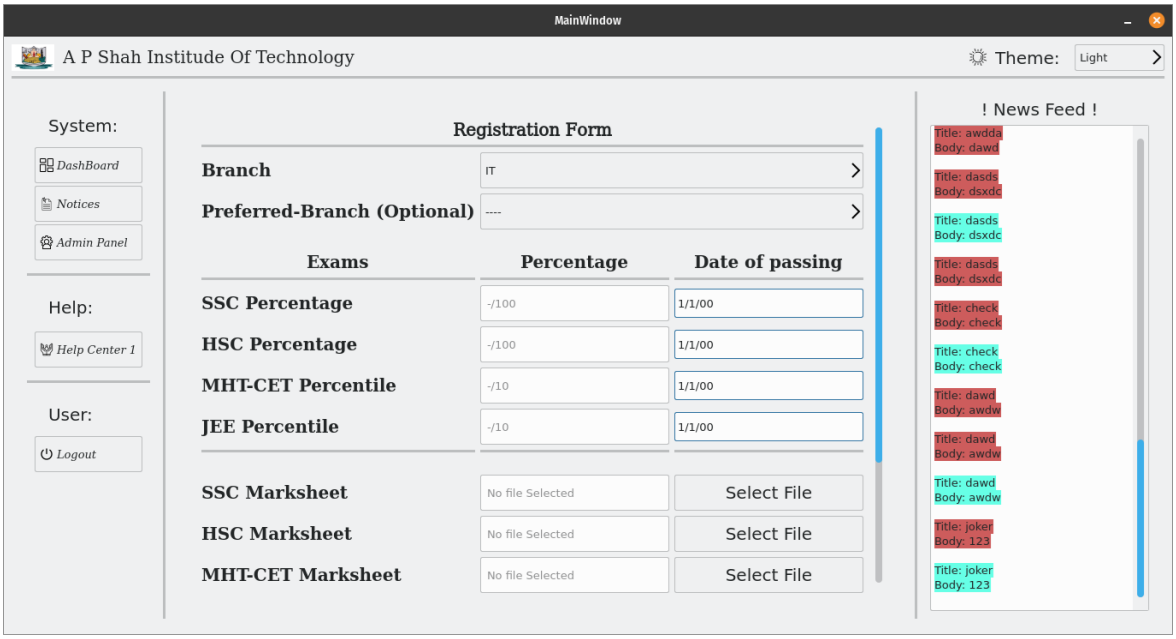

Fig 6.8: Registration Page

Dark Theme for Dashboard

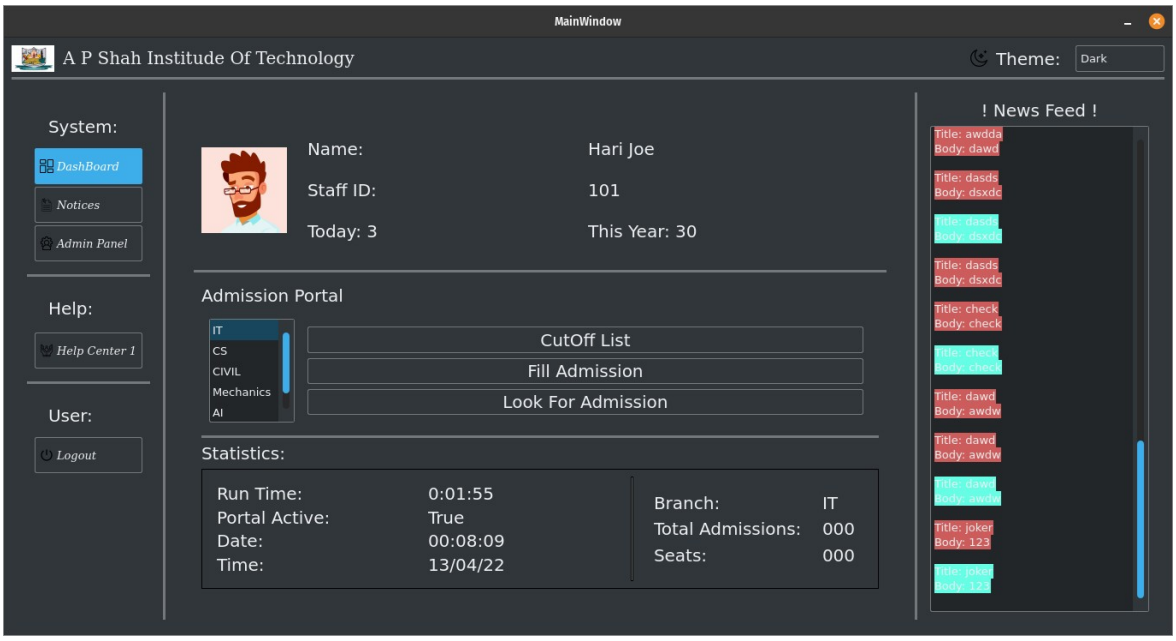

Fig 6.9: Dashboard Page

Dark Theme for Notification Page

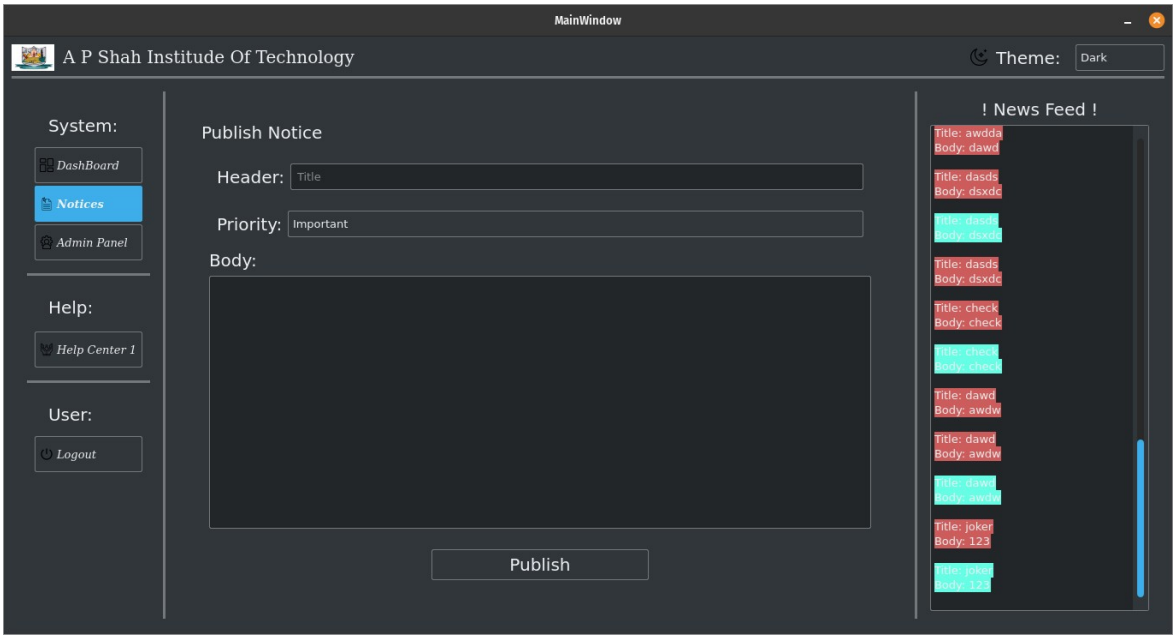

Fig 6.10: Notification Page

Dark Theme for Help Page

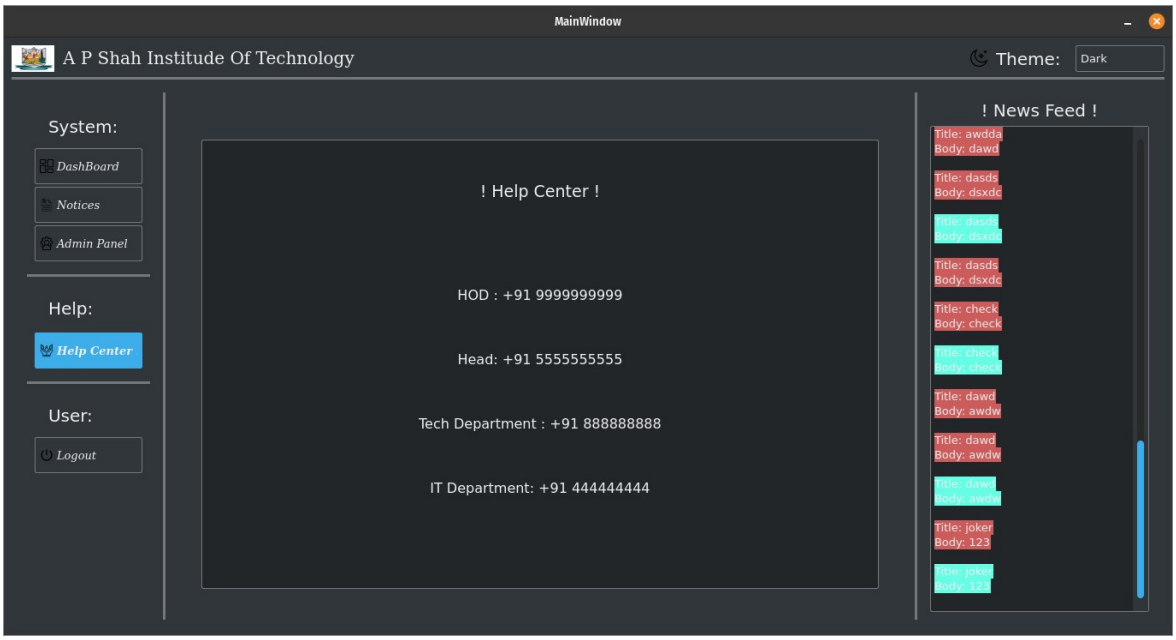

Fig 6.11: Help Page

Dark Theme for Admin Page

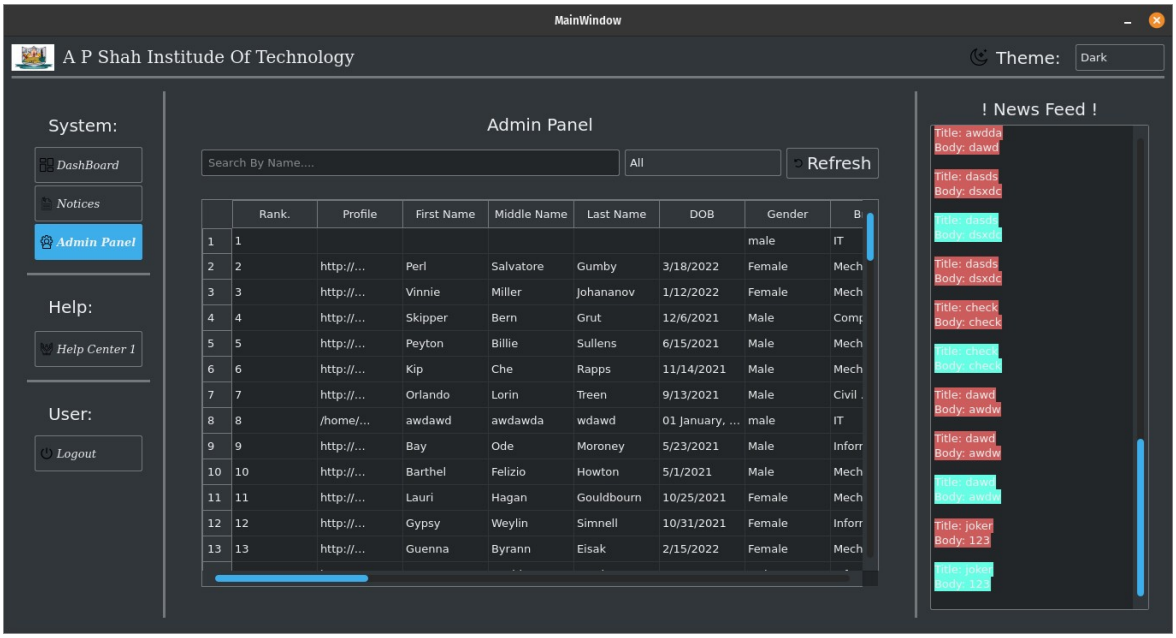

Fig 6.12: Admin Page

Dark Theme for Cut-Off List Page

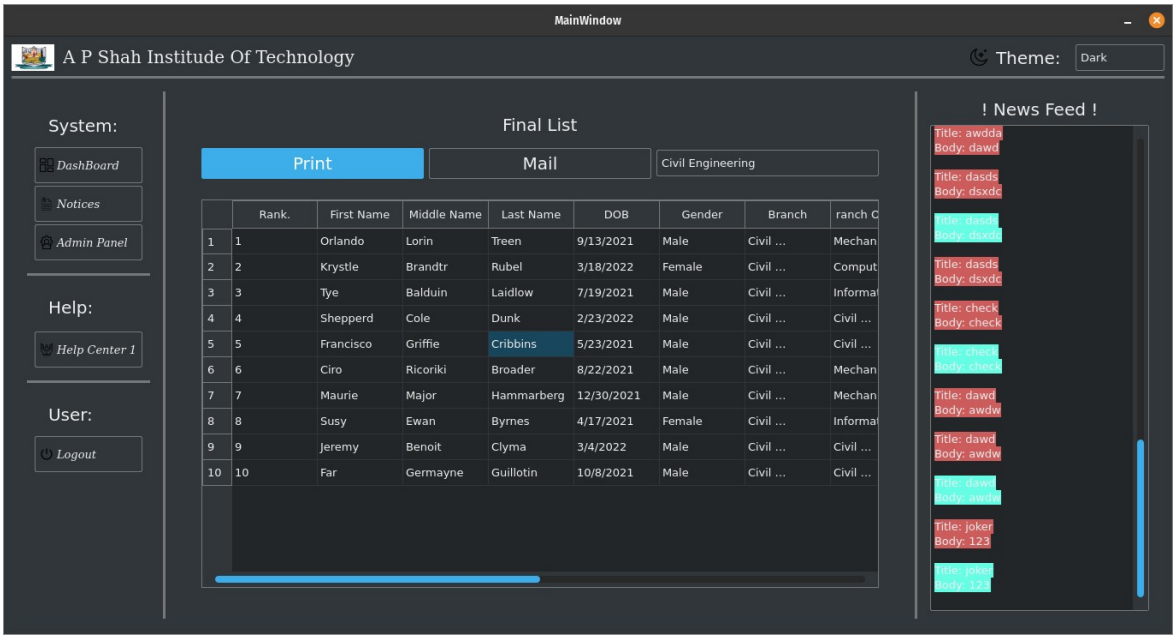

Fig 6.13: CutOff List Page

Dark Theme for Personal Information Page

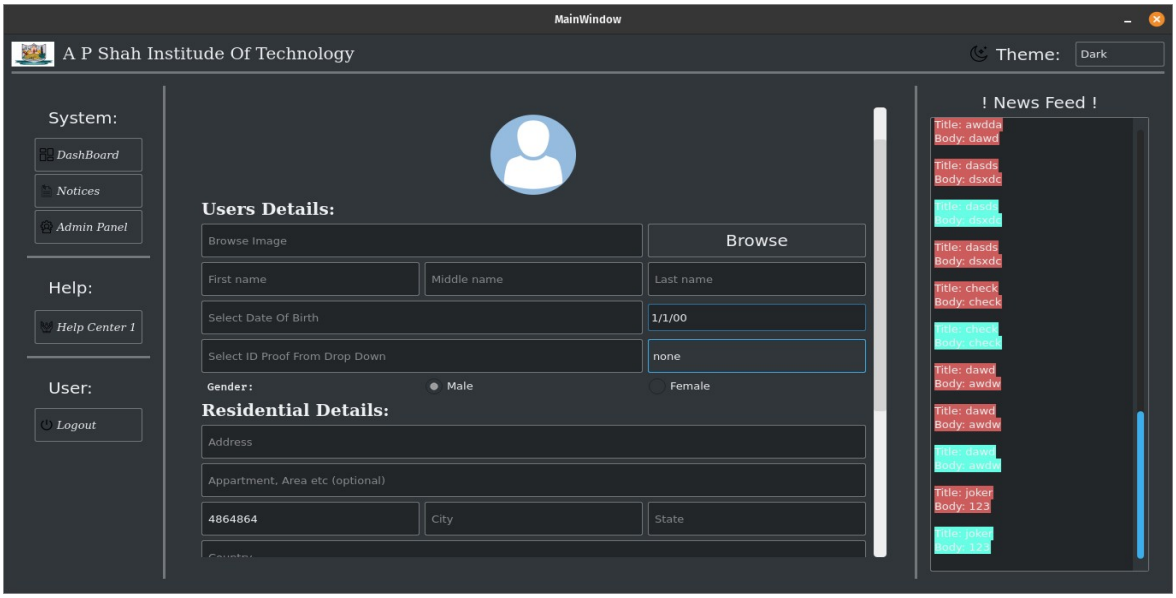

Fig 6.14: Personal Information Page

Dark Theme for Payment Page

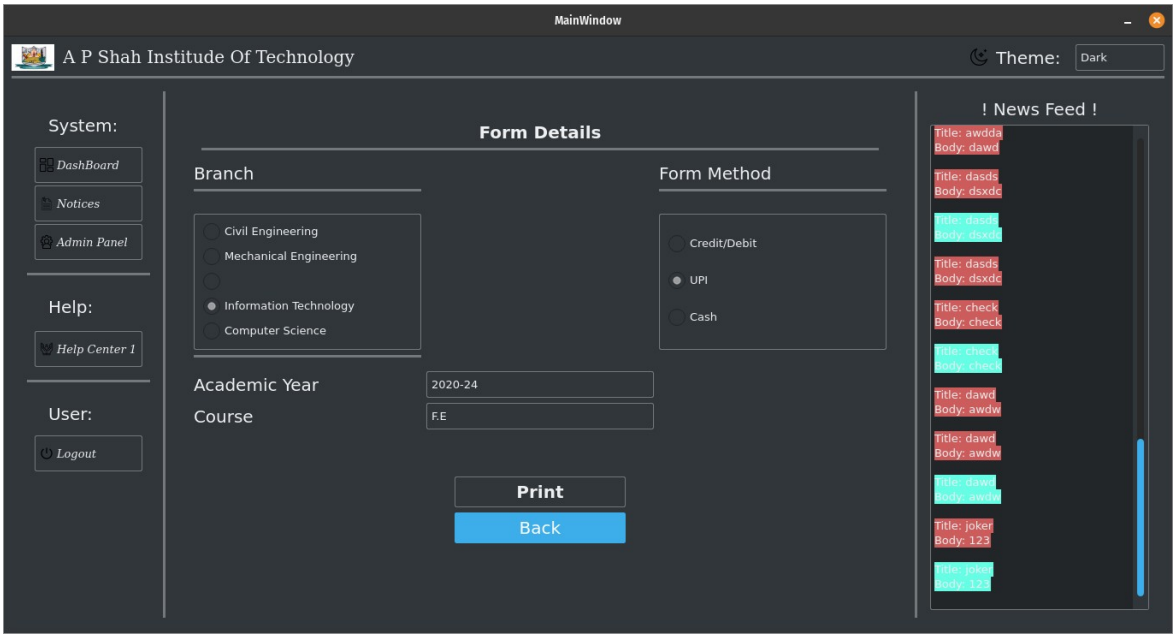

Fig 6.15: Payment Page

Chapter 7

Project Scheduling

Table 7.1 : Project Scheduling

Sr No.	Group Members	Time Duration	Work to be done
1	Chirag Padyal Anuj Kundar Vishal Bangar Jaykumar Nayi	3rd week of january	*Designing Login and Registration Page for Admin* *Designing Dashboard with Logout Button* *Designing Admin Panel*
2	Chirag Padyal Anuj Kundar	4th week of february	*Qualification Form* *Personal Detail form* *Mail on payment system*
3	Vishal Bangar Jaykumar Nayi	2nd week of march	*Admin Login and Registration MySQL connector connection.*
4	Chirag Padyal Anuj Kundar	3rd week of march	*Student Qualification, Personal Detail and Branch Detail Form Back-end Connection and Document Upload.*

5	Chirag Padyal	4th week of march	*Admin Panel Tabular Data From All Student Table.*
6	Vishal Bangar Jaykumar Nayi	1st week of april	*Form Validations.*
7	ChiragPadyal Jaykumar Nayi	2nd week of april	*Auto Qualification based on Mark-Sheet*

Chapter 8

Conclusion:

By this project we are trying to implement an offline 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 in in-house admission.

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