

COLLEGE WEBSITE

A PROJECT REPORT

Submitted by

BARI HIMANSHU YOVRAJ (196580316002)
PATEL JASH SANTOSH KUMAR (196580316028)

In fulfillment for the award of the degree

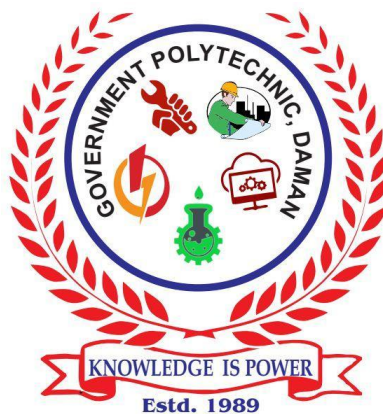
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DIPLOMA ENGINEERING

in

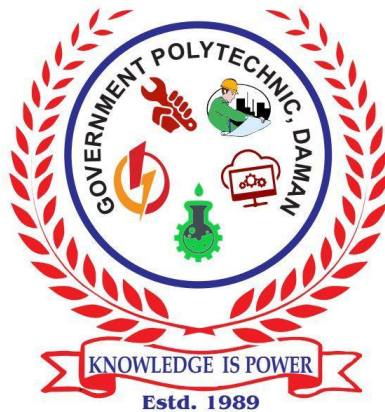
Information Technology

Government Polytechnic Daman



Gujarat Technological University, Ahmedabad

MARCH, 2022



GOVERNMENT POLYTECHNIC DAMAN
INFORMATION TECHNOLOGY
2022

DECLARATION

We hereby declare that the Diploma Project Report for the project entitled “**COLLEGE TITLE**” submitted in partial fulfillment for the degree of Diploma of Engineering in **INFORMATION TECHNOLOGY** to Gujarat Technological University, Ahmedabad, is a Bonafede record of the project work carried out at **GOVERNMENT POLYTECHNIC DAMAN** under the supervision of **SHRI. RAJESH KUMAR PENDEM**. The material contained in this report has not been directly copied from any students’ reports or taken from any other source, without providing a reference.

	Name of The Students	Sign of Students
1.	Bari Himanshu Yovraj	
2.	Patel Jash Santoshkumar	



GOVERNMENT POLYTECHNIC DAMAN
INFORMATION TECHNOLOGY
2022

CERTIFICATE

This is to certify that the dissertation entitled “COLLEGE WEBSITE” has been carried out by BARI HIMANSHU YOVRAJ and PATEL JASH SANTOSH KUMAR under my guidance in fulfillment of the degree of Diploma of Engineering in Information Technology in the Department of Information Technology at Government Polytechnic Daman, Varkund during the academic year 2021-2022.

Signature of the Principal

Dr. Suhas V Patil

College Seal

Signature of the Guide

Shri. Rajesh Kumar Pendem

Head of The Department

Dr. Rakesh Kumar Bhujade

Acknowledgment

First of All We would like to thank my Project Guide - **Shri Rajesh Kumar Pendem** for Guiding us at every step of Our Project and Providing us Correct format for the Presentation.

Besides our Official Guide, there is much Other guidance, We got from **Shri. Shubham Kumar Gupta** - For Helping us in Writing SQL Queries and other approaches and Logic.

We would also like to thank **Dr. Rakesh Kumar Bhujade** for being our PPT Corrector and HOD he is Perfect in All formats.

Last but not the least, We would Like to thank **Shri. Sapprativa Bhattacharjee** for their Continuous Guidance and **Shri. Sanjay Mate** for pushing us to do the best we can.

Abstract

The main aim of this Project is to provide a Web Platform to the College. Where the College will be able to provide the following facilities to the Students, Staff Members, and Visitors:

- College Details
- Infrastructure Details
- Admission Process ease
- Personalized Profile for them
- Online Certificate Verification
- Regular Update for Circular Notices, etc

All facilities will be provided with respect to the Cost, Time and Resources keeping in Mind

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1. Introduction

1.1 Problem Definition

- No Platform for College to Showcase the Facility and Infrastructure Details.
- No Online Platform for College contact and Regular Updates regarding Tenders, Circulars, Events, etc.
- No Online Platform to Present Images and Video Gallery of Events and Programs.
- No Platform for Students to get Details about them and Verification of it and Academic Details also.
- Teachers cannot Post Circulars and Updates at One Platform.
- Students have to Visit College Every Necessary.

1.2 Objective

The main objective of our Project is to create Easy access for the People, individuals, companies, and colleges to the Services and Applications of the College. This Project will be able to provide a better way of how the System used to work usually. This will save Environment, Energy, and Money and provide Advance Help to Users and Visitors.

Project objectives are what we plan to achieve by the end of our project. This might include deliverables and assets, or more intangible objectives like increasing productivity or motivation. Your project objectives should be attainable, time-bound, and specific goals you can measure at the end of your project.

1.3 Project Overview

This Report contains all the Aspects of College Website which is our Project. We have come across all the phases like DFD Diagram, Use Case Diagram, Hardware Specification, Software specification, Proposed system, Design and Testing Process as well as Conclusion and recommendations. Our Project “College Website” has been Completed under the Management of Time, Cost and Resources keeping in Mind. This website is able to work up to date Circular and Notice, Providing Login to Normal User such as Faculty and Student as well as Super User Admin.

Students can Easily verify their certificate and marksheet and Teachers can update the Notice Board from their Respective Profile Pages.

1.4 Software Specification

Sr. No.	Type	System
1.	Operating System	Windows (7, 10)
2.	Language	HTML5, CSS3, JavaScript 6, PHP
3.	Database	MySQL, Xampp(For Local Host Management)
4.	IDE	Microsoft VS code, Notepad++
5.	Browser	Chrome, Mozilla Firefox, MS Edge, Safari

1.5 Hardware Specification

Sr. No.	Description
1.	A system with a Minimum 250GB Storage
2.	A system with a minimum of 4 GB RAM
3.	Windows with Minimum 32-bit processor
4.	SmartPhone, Desktop, and other Display Sizes Devices

2. Literature Survey

2.1 Existing System

- Students have to visit College for Admission.
- College has no Facility to show Circulars and Notice at Online Platform.
- Visitors have to visit College Premises.
- Waste of Energy, Time, and Money.
- Cannot Get Information by Computer or Smartphone.
- Students have to visit College to get details about the College and its Faculties.

2.2 Proposed System

- Our Project “College Website” provides a website for our College.
- He/She can also get Information regarding College like Faculty, Staff, Infrastructure, and Courses the college Offers.
- There will be a centralized platform for all needs of communication.
- Less Paperwork required is beneficial for the environment.
- No waste of time, manpower, and energy.
- So that our Anyone can visit the website of College and get details about it.
- All facilities will be at students' fingertips.

2.3 Feasibility Study

2.3.1 Technical Feasibility

- Project needs a memory requirement of 120 GB ROM and a 32-bit Processor. This is very feasible from this perspective.
- This project can be loaded on any operating system which supports modern browsers such as chrome, Mozilla, edge, and safari.
- The Hardware and software used are normally available and satisfy an individual's general budget.

2.3.2 Economical Feasibility

- As we know that the system development costs are usually one-time costs that will not recur after the project has been completed calculating development costs.

No.	Name	Cost
1	VS Code, Notepad++, Xampp, Chrome Dev Tools	Free
2	Computer with 4GB RAM - 250GB Storage and AMD Quad-Core Processor	INR 32,000 approx.
3	Wifi Internet Connection	INR 399 / month approx
4	Hosting and Domain Name Purchase	INR 2000 approx (T&C apply)

3. System Analysis & Design

3.1 Requirement Specification

- A software requirements specification (SRS) is a document that describes what the software will do and how it will be expected to perform.
- It also describes the functionality the product needs to fulfill all stakeholders (business, users) needs.
- An SRS gives you a complete picture of your entire project.
- It provides a single source of truth that every team involved in development will follow.
- It is your plan of action and keeps all your teams

3.1.1 Functional Requirement:

The website will be able to Provide information about the College to Visitors

- Faculty Details
- Infrastructure Details
- Library And Labs Details
- Admission Process
- Contact Details
- Department Details
- Notice Board

3.1.2 Non-Functional Requirement:

- Security - The Passwords are Encrypted with the MD5 Algorithm.
- Privacy - The methods used to collect and Store Data from Students are Safe and Secure.
- Performance - Simple, Fast, and Clean UI/UX of our website ensures Good Performance.
- Maintainability - A website can be maintained by Any Web Developer who has plenty of knowledge of HTML, CSS, PHP, MySQL, and JavaScript.

3.2.1 Flow Chart

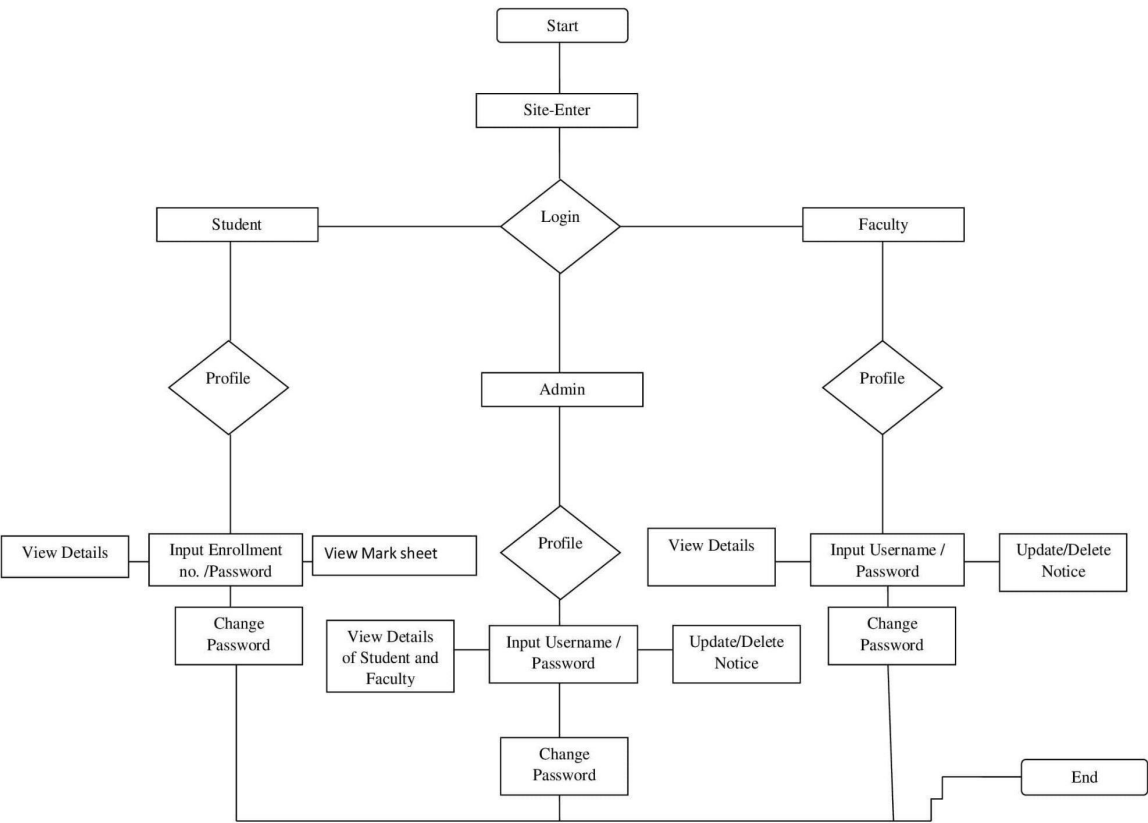


Fig 1 - Flow Chart

3.2.2 ER Diagram

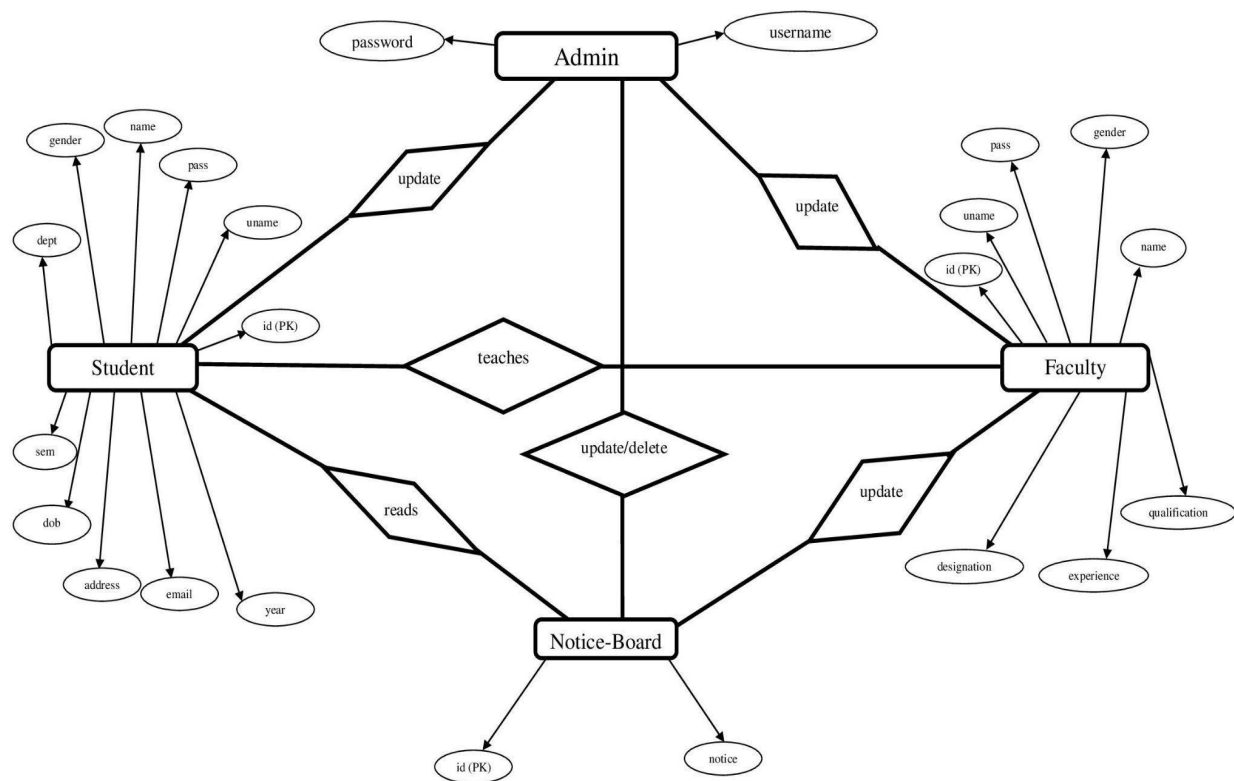


Fig 2 - ER Diagram

3.2.3 Use Case Diagram

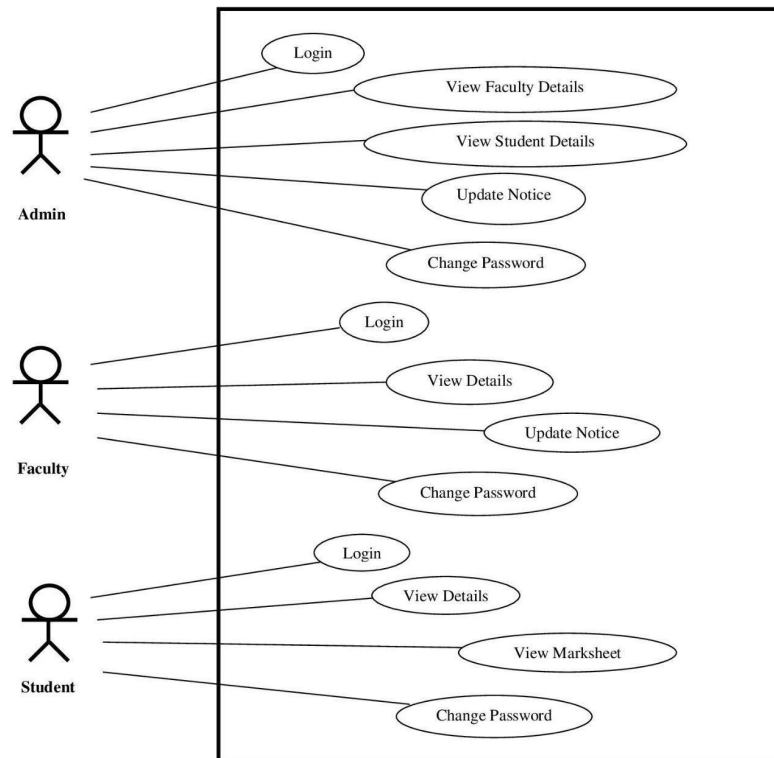


Fig 3 - Use Case Diagram

3.2.3 Data Flow Diagram - Basic Level

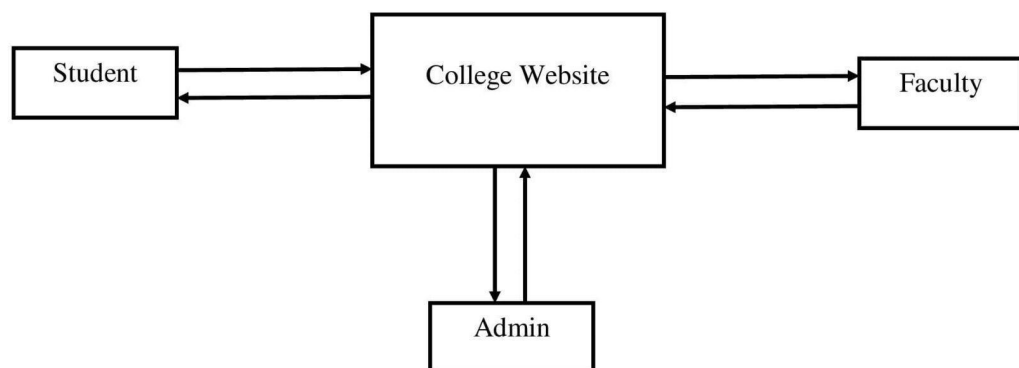


Fig 4 - DFD (Basic Level)

3.2.4 Data Flow Diagram - ADMIN

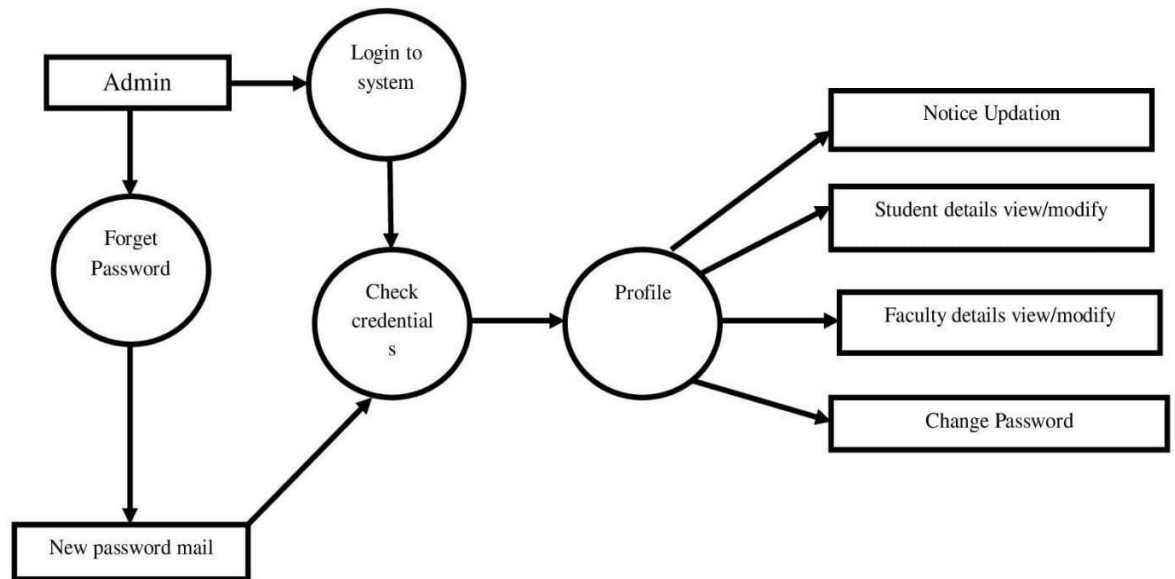


Fig 5 - DFD(Admin)

3.2.5 Data Flow Diagram - Faculty

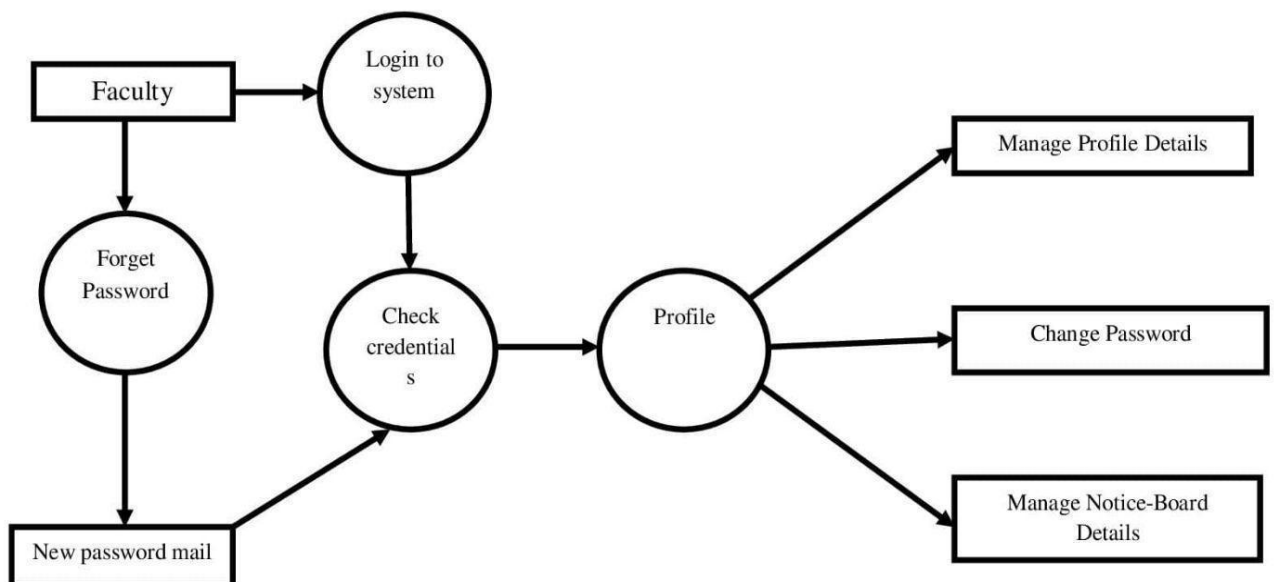


Fig 6 - DFD(Faculty)

3.2.6 Data Flow Diagram - STUDENT

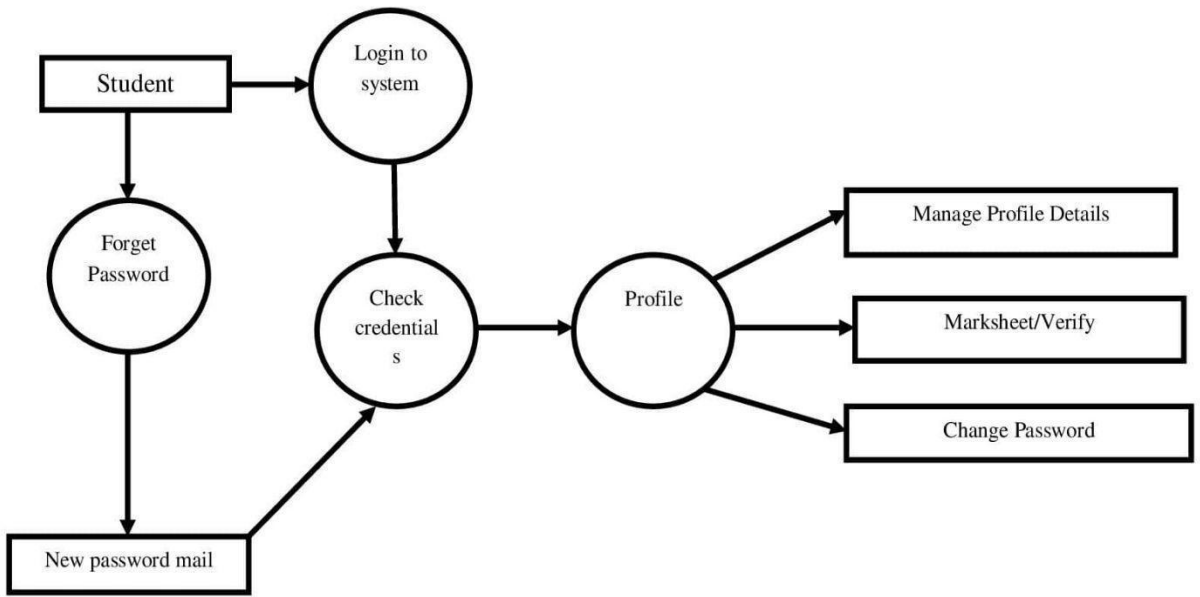


Fig 6 - DFD(Student)

3.3 Design and Testing Process

To Ensure Error free and User Friendly Website the Website must be tested and Audited Properly.

After the coding and programming phase, the Testing phase starts.

After Testing there was debugging and code cleaning is Done.

All Programs must be tested to ensure proper functioning of Programs.

Program Testing Involves fixing of two type error

1. Compile Time Testing: Programs: Programs are compiled using CASE tools or a language compiler. This process detects syntax errors, which are language grammar errors. Programmer corrects the errors until the program executes properly.
2. Depth Checking Error: This Checking is Done on Core and Deep checking of Every test Case Possible.
3. Unit Testing: Every Functionality and parts of the Website are tested individually and an individual report page has been made.

4. Conclusion and Recommendation

The Final Conclusion after Studying all the Aspects like Requirement Specification, Feasibility Study, Hardware and Software Requirement, Future Scope, ER diagram, DFD Diagram and Testing System we can conclude that we have made an Successful College Website for the Organization with all the Due respect to Time, Cost and money.

We would like to Recommend regular Testing and maintenance and Code fix with all possibilities to provide regular updates.

Screen Shots

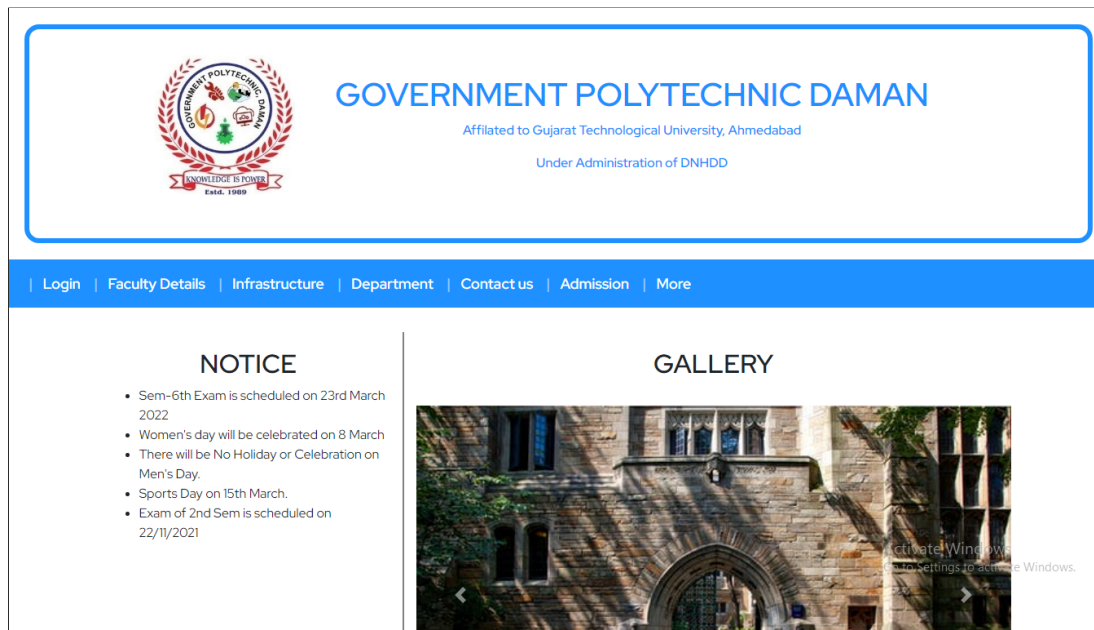


Fig 7 - Home Page

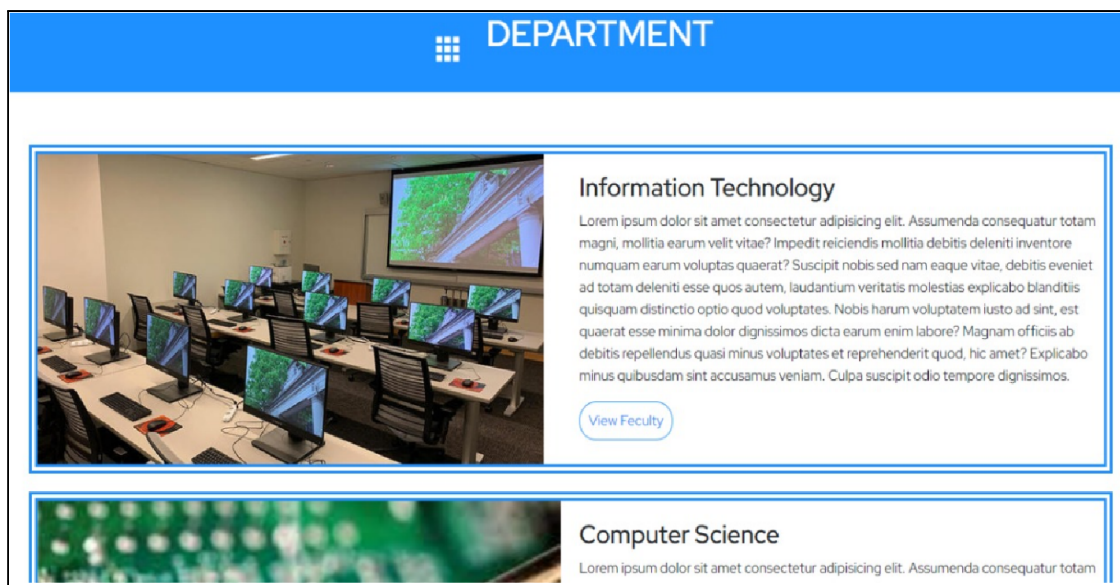


Fig 8 - Department Details

Screen Shots

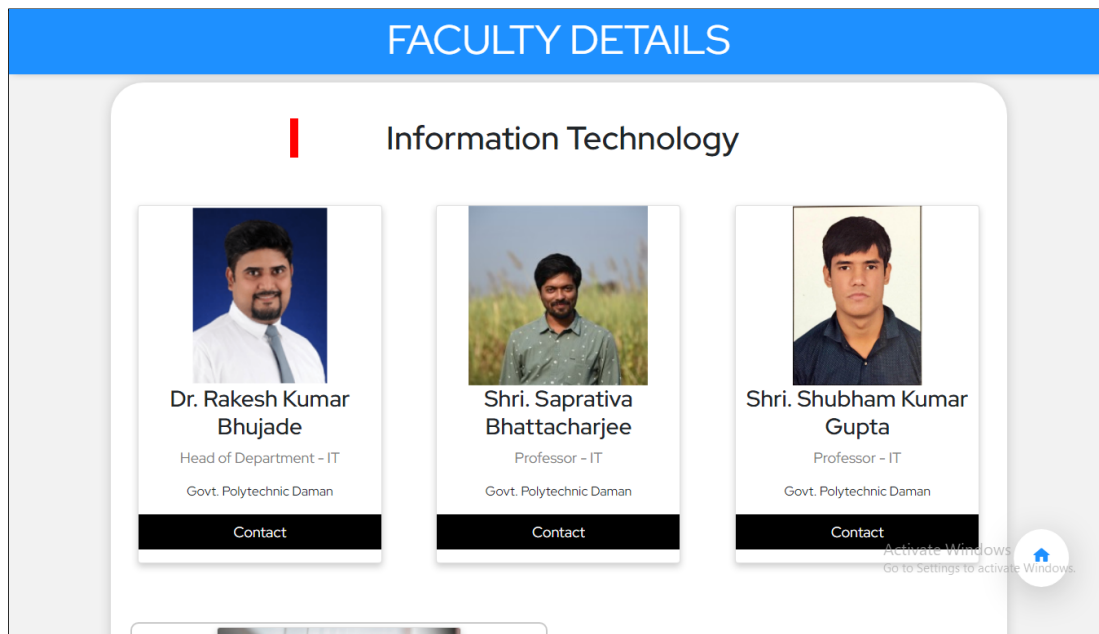


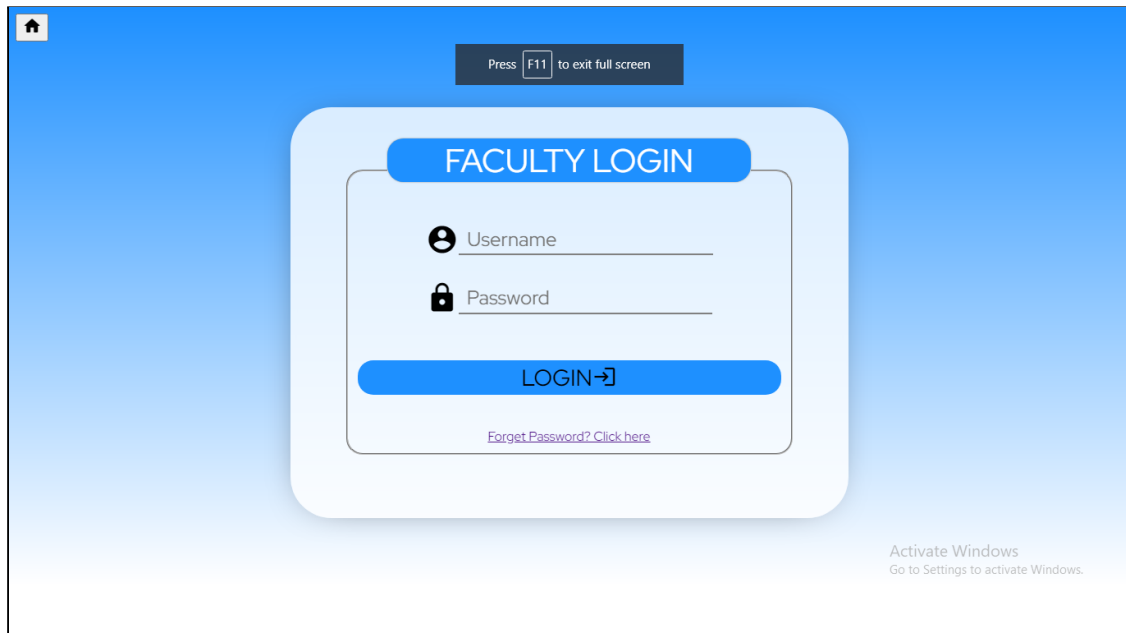
Fig 9 - Faculty Details

The screenshot shows an "ADMISSION FORM 2021-22" for "Government Polytechnic Daman". The form contains the following fields:

- Full Name*
- Date of Birth* (dd-mm-yyyy) with a calendar icon
- Place of Birth(City)*
- Father Name*
- Mother Name*
- Address*
- City*


A Windows watermark is visible in the bottom right corner of the screenshot.


Fig 10 - Admission Form




Press **F11** to exit full screen

FACULTY LOGIN

 Username

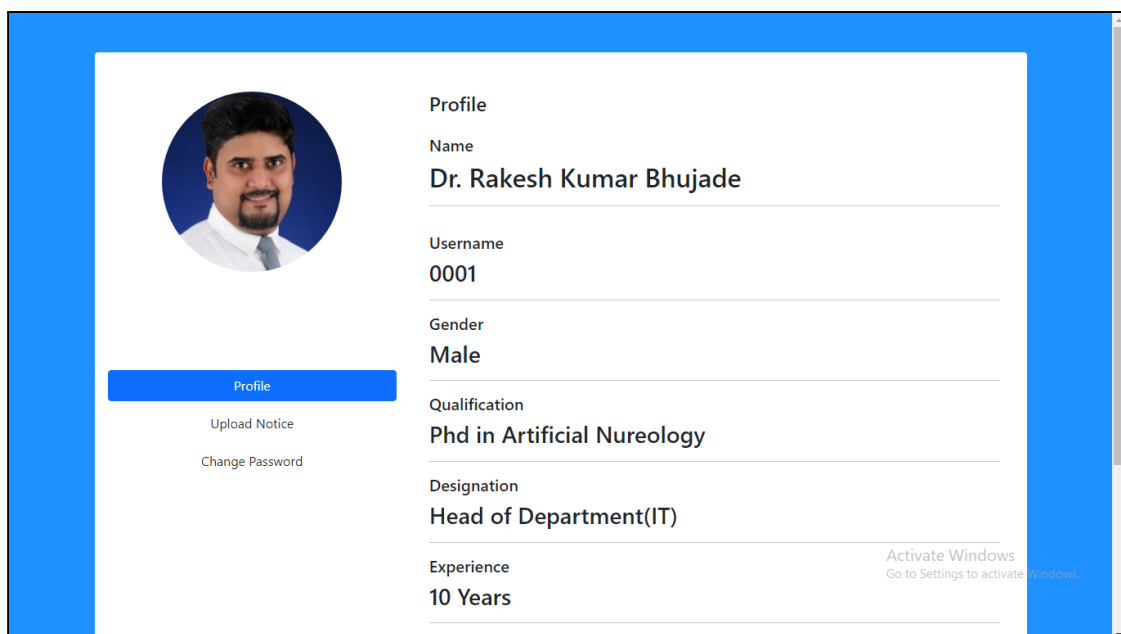
 Password


LOGIN 

[Forgot Password? Click here](#)

Activate Windows
Go to Settings to activate Windows.

Fig 11 - Faculty Login





Profile

Name
Dr. Rakesh Kumar Bhujade

Username
0001

Gender
Male

Qualification
Phd in Artificial Nureology

Designation
Head of Department(IT)

Experience
10 Years

Profile

[Upload Notice](#)

[Change Password](#)

Activate Windows
Go to Settings to activate Windows.

Fig 12 - Faculty Profile

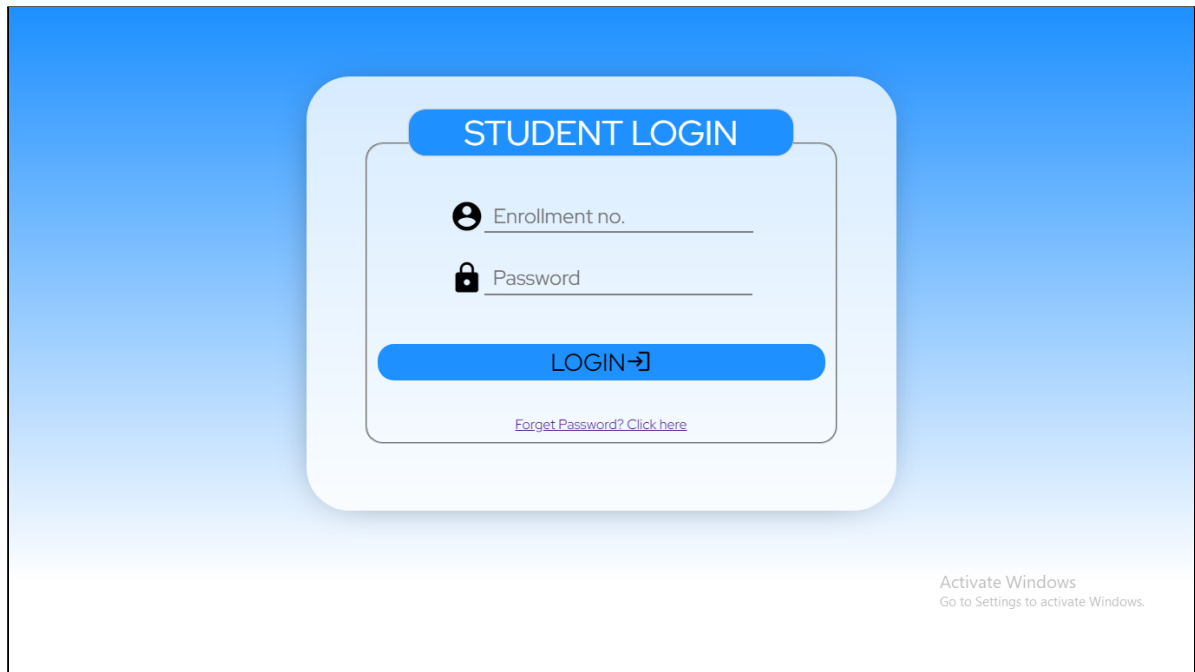


Fig 13 - Student Login



Fig 14 - Student Profile

5. References

Related URLs

- <https://www.w3schools.com/css/default.asp>
- <https://www.w3schools.com/html/default.asp>
- <https://www.w3schools.com/js/default.asp>
- <https://www.w3schools.com/php/default.asp>
- <https://www.w3schools.com/mysql/default.asp>
- https://www.code.visualstudio.com/?wt.mc_id=DX_841432
- <https://www.visualstudio.com>
- <https://www.w3schools.com/mysql/default.asp>
- <https://developer.mozilla.org/en-US/docs/Web/JavaScript>
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- <https://getbootstrap.com/docs/5.0/getting-started/introduction/>
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- <https://www.youtube.com/codewithharry>