

“Visiting Faculty Billing System”

PROJECT REPORT

**SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF DIPLOMA IN
COMPUTER TECHNOLOGY**

SUBMITTED BY

Durge Aditya Anil	1901300132
Gaikwad Vishal Balu	1901300134
Gorde Omkar Balasaheb	1901300138
Kadus Sandip Chandrakant	1901300145
Lavharkar Vinay Kishor	1901300156

**GUIDE
MR. S. D. Muley**



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GOVERNMENT POLYTECHNIC, AHMEDNAGAR
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of final year Computer Technology students have submitted their project report on

“Visiting Faculty Billing System”

during academic session 2021- 2022 as a part of project work described by Government Polytechnic, Ahmednagar for partial fulfillment for the Diploma in Computer Technology in the sixth semester.

The project work is the record of students own work under my guidance and to my satisfaction.

Mr. S. D. Muley

Guide

Mr. S. D. Muley

Head

Department of Computer Technology

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Durge Aditya Anil

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ABSTRACT

This project is for institute for Generation of Bill of Visiting Faculty. Calculating a Bill and Keeping Record of Bill in manually is difficult and time consuming for the institute. This project is based on Web development in this project we using languages for development like php, HTML, CSS, java Script etc. In system information about lecture is Collected from the Visiting Faculty such as Date, time, topic that teach etc. and based on that Monthly bill will be generated. This Reduce time and also use of paper, increases the accurateness. Main aim of the system is providing ease. In system there are two login option one for faculty and another for the admin. The Admin has various option like Add new faculty, Set the scheme, Edit the scheme, Assign subject to the faculty, Assign timetable to the faculty, Set the rate details so faculty can apply for a bill, also check the pending bills and approved or reject the bills. Then faculty also has various facilities after registering and login faculty can view there assigned timetable, also download PDF of timetable, After that they can also apply for the bill, after applying they can submit the bill so admin can check the bill, Also faculty can check the status of the bill, i.e. Bill is approved or rejected and after getting bill approved they can download the PDF of the bill these are features provided to Admin and Faculty. So it can be used by institute for better and accurate billing system as the existing is manual. Also it can save the time and efforts of both institute and faculty. So, using this online system is very efficient and good.

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CHAPTER 1

INTRODUCTION

1.1 Overview:

In this project we are making the website that helps the visiting faculty in the institute for the bill generation. This was approximately one year effort of the team size of 5 in which this software get developed. The purpose of the project is that proving the online and automatic bill generation facility to the user. We have developed this project for reducing the limitations of the existing billing system of the organization. The existing billing system isn't working efficiently as it is manual, and faculty has to submit the bill which is handwritten. So this manual system does not provide the accuracy in calculations

And also a overhead for the visiting faculty. existing system involves more paper work and also the faculties has to write all the details about no. of present student, Topics covered, all lecture details on paper for calculating the bill, so it is very tedious task and also not accurate. Also this existing system take more time and efforts of the user. So to overcome all this there need the automatic and accurate system which can provide easy and accurate way to done all this tasks. And provide the ease of use to the user. This system also provide some additional features other than generating the bill. This online system will save the time and efforts of the user. In this automatic system there are two logins are provided one for admin and second for the visiting faculty.

In this website there many options given to admin and faculty for handling the system easy and efficiently. For Admin various option are available relating to faculty like he can add new faculties, then can set and edit the academic scheme, also assign the subject to the faculties, assign timetable to the faculties, Set and edit the rate details so faculty can apply for the bill. Then after faculties apply for bill admin can check the pending bills of the faculties and can apply or reject them. These all asks can be performed by the admin.

Also After adding by the admin faculties can register and get the their user id as username for login. Then after login Faculty can fill Application form. There are various options are provided to the faculty like can see the timetable which is assigned by the admin. Also after that can apply for the bill and submit it. Then can check the status and progress of bill process

in status menu like Approved, Rejected, In process, not applied. Also getting confirmation from admin about bill can download the PDF of the bill. This some features are provide by the Website. By this features this system can provide easier way for handling the billing system in institute.

1.2 Objective of Study:

Teaching & learning are two sides of a coin. In order to improve student outcome the faculty should be efficient, creative and able to engage students in a positive and encouraging way. Faculty is certainly one of the prime stakeholders of the educational ecosystem which translates into a lot of important and confidential data which needs to be stored securely, systematically and easily retrievable.

The main aim of implementing this application is to provide the secure, accurate, and easy way to faculties for generating the bill. An adept, flexible and reliable faculty management software not only stores all your faculty data securely and makes it readily available, but also manages every faculty related operation accurately with ease, thereby saving your time and efforts.

1.3 Summary:

It explains the overall view of system and also how it full fills the need of the department of visiting faculty management. It explains how the time can be saved and to reduce efforts of faculty. Also, it aims at providing online services to faculty and also to maintain their documentation.

CHAPTER 2

LITERATURE SURVEY

2.1 Overview of existing systems:

The existing system which is collage using for visiting faculty bill generation is manual. There is no such application and website for the same purpose. An older billing system for visiting faculty is handwritten which causes inaccuracy in the calculation process and un-satisfaction in between management staff and visiting staff. Also this manual system uses paper which is very difficult and tedious task for both the management and visiting staff. This is tedious and time consuming, lack of security of data, took more man power so by developing this application automation process is upgraded. In existing system If any modification or updates are required in the profile of any faculty, it has to be done manually, This leads to the tedious and time consuming task, lack of security of data, took more man power, consumes large volume of paper and space. In existing system all the work is done by manually, so there were maximum chances of errors. So this is not the appropriate system in case of managing the work.

2.2 Problem Identification:

In older system the bill was calculated by manually, which is prone to error also time consuming. Also In older system all the work is to be done by using the paper. It is very difficult Task and also time consuming as the faculty has to done the all the calculation accurately by themselves, Also if any mistake done in preparing the bill then the paper is to be changed or if any updation or deletion faculty want to do in bill then faculty need to use new bill for calculation. So this consumes and efforts of the faculty. Also not only the faculty but also the Management staff of billing also faces problem for managing and maintaining the records of the bills. And also they have to cross-check the calculations of the bill. So it is very tedious, time consuming and effort taking work. The handling the older system is difficult, complex and time consuming.

- **Some limitations of existing system-:**

1. The older system was the handdriven and manual hence not preferable for management.
2. Time consuming.
3. Calculating the bill is tredious work for faculty.
4. In the old system paper work is more.
5. Maintain the record is difficult.

2.3 Requirement Specification

A) Functional Requirements-

- This system will generate team progress and also provides secure registration and profilemanagement of the users.
- Admin would be able to add faculty, set scheme, edit scheme, assign subject to faculty, assign timetable to faculty, edit the rate details of bill.
- Admin would be able to view the pending bills submitted by faculty, can approve or reject the bill by checking the bill.
- Faculty can register and login into system, can fill the application form.
- Faculty would be able to See the timetable, download the timetable, can generate the bill, apply for bill, after approval of admin can download the bill.
- Sending the emails to faculties email id for informing them about username, timetable, bill, etc.

B) Non-Functional Requirements-

- The system should provide the correct estimated output to the user. The system should be able to increase the efficiency and performance of prediction results.
- The system should allow user to access information in anywhere with anytime.
- The site is accessible from any operating system using a web browser

SCOPE OF THE PROJECT

This website or web application can be used by collage or institute in computer department for managing the visiting faculty billing system online. By using this site faculties can generate their bill automatically and accurate and submit to the admin. Admin can view and check the submitted bills and approve or reject them. This can save time and efforts of both management staff and visiting faculties. By using this web application Bill management can be managed easy and in systematic way.

1. This site provides various options and facilities to admin and the faculties.
2. Visiting faculties of the collage can register and login into system.
3. Admin can set and edit scheme, assign timetable and subject to the faculty, Check the pending bills.
4. Faculties can view and download the PDF of timetable, can apply for bill and download the bill PDF, also check the status of bill.
5. It provide ease of use to both admin and faculty.

CHAPTER 3

METHODOLOGY

3.1 Problem Statement:

Older system provides the handwritten process which requires more time and efforts to obtain results, which is a further disadvantage of it. Also faculties has to use the papers for generating the bills, It is very difficult Task and also time consuming as the faculty has to done the all the calculation accurately by themselves, Also if any mistake done in preparing the bill then the paper is to be changed or if any updation or deletion faculty want to do in bill then faculty need to use new bill for calculation. So this consumes and efforts of the faculty. To overcome such disadvantage, we use the website which can be easily operated using the desktop or mobile. Input is given by the faculties directly by using in the website from anywhere. So faculty can easily generate the bill and download PDF of it. also faculty can get timetable automatically and can download it. The insertion, deletion, updation task can become easy in using website. The existing system is difficult to manage and keep records for the managing staff, so by using application or website it becomes easy for Management staff to manage billing system.

3.2 Architectural Design Specification:

A) Structure Diagram

I. Data Flow Diagram (DFD):

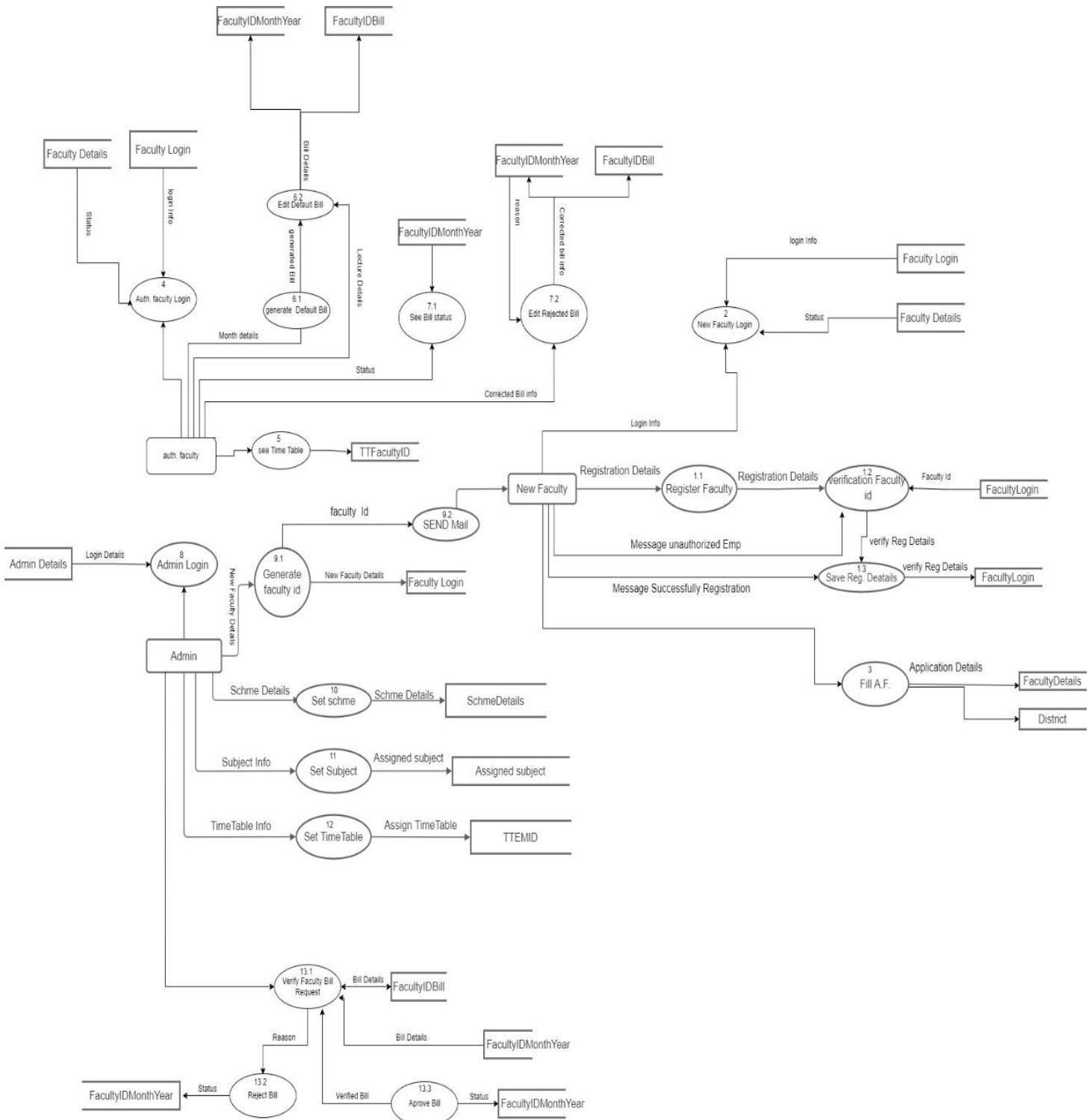


Fig.1 Data Flow Diagram

II. ER Diagram:

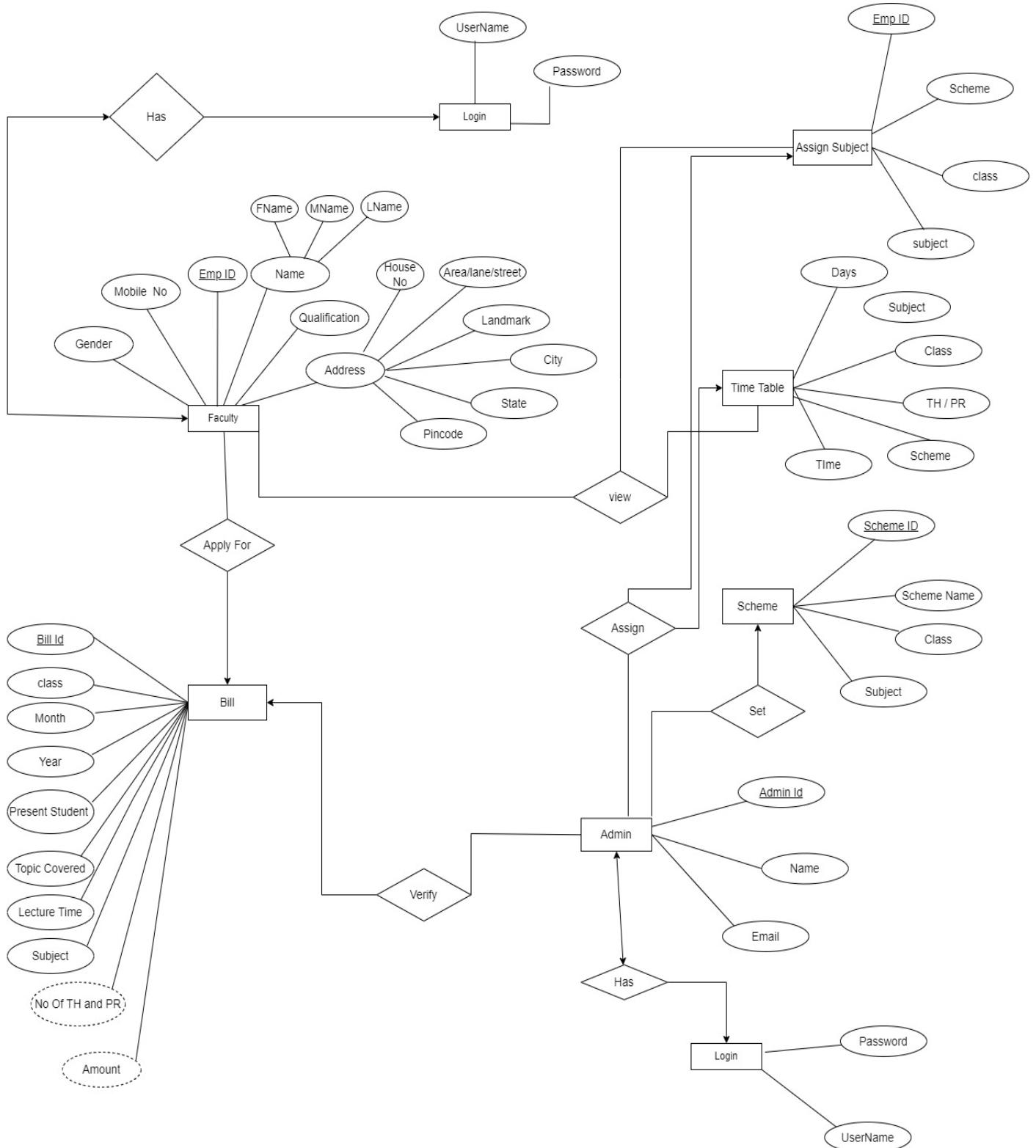


Fig. 2 ER Diagram

B. Data Dictionary:

B1. Data Flow:

New Faculty Details	Name + Email + Generated Faculty ID
Subject Info	Teacher Details + Subject Details
Time Table Info	Teacher Details + Time Table Details
login Info	Username + password
Bill Details	Faculty Bill Info
generated Bill	Default Bill Generated on the Basis of Time Table
Lecture Details	Lecture of details such as time date Practical etc
Reason	Reason of Rejection of Bill or Application
Corrected bill info	Information of corrected bill which is rejected
Registration Details	Faculty Username and password
Application Details	Faculty Information Such as Name, Address , Gender ETC
Scheme Details	Scheme Information Such as Scheme Name , subject , semester ETC
Faculty Info	Faculty Information Such as Name, Address, Gender ETC
Status	Status of Application or Applied Bill

B2. Processes:

Process Name	Register Faculty
Process Number	1.1
Purpose	For The taking registration details for faculty
Input Data Flow	Registration Details
Output Data flow	Registration Details
Process Description	Take Registration Details for Faculty and send it for verification

Process Name	Verification Faculty id
Process Number	1.2
Purpose	For Verification of faculty id
Input Data Flow	Registration Details
Output Data flow	Verified Registration Details
Process Description	It Verifies the faculty id form Database if details are correct than send for next process if not then give Error to the faculty

Process Name	Save Reg. Details
Process Number	1.3
Purpose	For The Saving of verified Details of faculty
Input Data Flow	Verified Registration Details
Output Data flow	Message of the successful Registration
Process Description	Saves the verified Registration Details in Database. After Saving Give Successful Message

Process Name	New Faculty Login
Process Number	2
Purpose	For The Faculty Login
Input Data Flow	Username and password
Output Data flow	successful Login
Process Description	Take login Credentials from faculty and checks that Credentials in database if that Credentials is correct then checks status form database if status is Applied or not Applied then Redirect to new Faculty Dashboard. If Credentials not correct then Give Error message

Process Name	Fill Application form
Process Number	3
Purpose	For taking information from faculty
Input Data Flow	Faculty Details such as Name, Gender ETC
Output Data flow	Massage of Applied Successful
Process Description	Taking the faculty details and save it in database

Process Name	Auth. faculty Login
Process Number	4
Purpose	For the Authentication of Faculty Through login
Input Data Flow	Username and password
Output Data flow	Massage of Successfully login
Process Description	Take login Credentials from faculty and checks that Credentials in database if that Credentials is correct then checks status form database if status is Approved then Redirect to Auth. Faculty Dashboard. If Credentials not correct then Give Error massage

Process Name	See Time Table
Process Number	5
Purpose	For the Displaying Time table
Input Data Flow	-
Output Data flow	Time table
Process Description	Fetches the time of faculty from the database and display to the faculty

Process Name	Generate Default Bill
Process Number	6.1
Purpose	For Generate Faculty Default Bill
Input Data Flow	Bill Details Such as Month Year ETC
Output Data flow	Default Bill
Process Description	Fetches the time information from the database and According to that Time table Information Generate Default Bill

Process Name	Edit Default Bill
Process Number	6.2
Purpose	For Correction in Default Bill and Submit to admin
Input Data Flow	Corrected Info
Output Data flow	Bill Submitted Successfully
Process Description	Taking Corrected Lectures Details from the Faculty And Save it to the database

Process Name	See Bill status
Process Number	7.1
Purpose	For Displaying the status of bill
Input Data Flow	-
Output Data flow	Status
Process Description	Check the Bill status of faculty from database and displaying to faculty

Process Name	Edit Rejected Bill
Process Number	7.2
Purpose	For Correction of Rejected bill
Input Data Flow	Corrected Lecture Details
Output Data flow	Successfully bill Updated message
Process Description	Fetches the status of faculty bill from database if status is Rejected then taking the corrected information from Faculty According to the reason update the bill details and send for Re-verifying Bill to the admin

Process Name	Admin Login
Process Number	8
Purpose	For the Authentication of Admin
Input Data Flow	Username and Password
Output Data flow	Successfully login
Process Description	Verify username and password enter by Admin if correct than redirect to the admin dashboard if not then show error

Process Name	Generate faculty id
Process Number	9.1
Purpose	For Give the faculty id to the faculty
Input Data Flow	Name, Email ID
Output Data flow	Faculty Id Generated Successfully
Process Description	Generate the Unique faculty id

Process Name	SEND Mail
Process Number	9.2
Purpose	For Sending the Generated faculty id to Faculty
Input Data Flow	Faculty id
Output Data flow	Faculty id send successfully
Process Description	Send the Generated faculty id to faculty by mail

Process Name	Set scheme
Process Number	10
Purpose	For setting the new Scheme Details
Input Data Flow	Scheme Details
Output Data flow	Scheme set Successfully
Process Description	Takes the Scheme Details from Admin And save it to the Database

Process Name	Set Subject
Process Number	11
Purpose	For Assign the Subject
Input Data Flow	Subject Info
Output Data flow	Subject assign Successfully
Process Description	Taking the faculty details and subject Details from Admin and Save it to the database

Process Name	Set Time Table
Process Number	12
Purpose	Assign the time table to faculty
Input Data Flow	Time table Details
Output Data flow	Assign time table successfully
Process Description	Take the faculty and time table details from admin and save it to database

Process Name	Verify Faculty Bill Request
Process Number	13.1
Purpose	For verifying the bill details of Faculty
Input Data Flow	-
Output Data flow	Verified bill Details
Process Description	Fetches the Request of bill from Database and Display it

Process Name	Reject Bill
Process Number	13.2
Purpose	For Rejection of bill
Input Data Flow	Reason
Output Data flow	Bill Reject Successfully
Process Description	If Bill Details are not Correct than Change the Status as Rejected in Database and also take the reason from the admin and save it to the database

Process Name	Approved Bill
Process Number	13.3
Purpose	For Approve the Request bill
Input Data Flow	Verified bill
Output Data flow	Approved Successfully
Process Description	Change the Status of bill as Approved to the Database.

C3. Database Data Dictionary:

- Data Dictionary for Faculty Login

Field Name	Data Type	Data Format	Field Size	Description	Example
Faculty Id	Varchar	GAPN_____	10	Unique number for all Faculty	GPAN00001
First Name	Text		20	Name Of Faculty	Vilas
Middle Name	Text		20	Middle Name of Faculty	Rajendra
Last Name	Text		20	Last Name Of faculty	Pawar
Email	Varchar	someone@gmail.com		Email Address of faculty	vilaspr@gmail.com
Password	Varchar			Password of faculty	Vilas@123

- **Data Dictionary for Faculty Details:**

Field Name	Data Type	Data Format	Field Size	Description	Example
Faculty Id	Varchar	GPAN _____	10	Unique number for all Faculty	GPAN00001
First Name	Text		20	Name Of Faculty	Vilas
Middle Name	Text		20	Middle Name of Faculty	Rajendra
Last Name	Text		20	Last Name Of faculty	Pawar
Gender	Text		6	Gender of Faculty	Male
Phone No	Long Int	xxxx-xxx-xxxx	10	Phone No of faculty	9172953008
House No	Varchar		10	House No of Faculty	56747
Area/lane/street	Varchar		50	Area/lane/street of Faculty	Bhavani Nagar
Landmark	Varchar		50	Land mark of Faculty	Bus Stand
City	Text		30	City of Faculty	Pune
District	Text		30	District of Faculty	Pune
Course	Varchar		15	Qualification course	BE
Grade	Text			Grade of passing course	First Class Distinction
Other	Varchar		50	Other course completed	BSC
Pan_no	Varchar		15	Faculty pan no	AAECC6548C
Adhaar_no	Bigint	xxxx xxxx xxxx	12	Faculty adhaar no	206072518820
Bank_name	Text			Faculty bank name	Bank of Maharastra
Bank_address	Varchar		50	Faculty bank address	Sarola Kasar, ahmednagar
Bank_ifsc	Varchar		10	Faculty bank ifsc code	MAHB000000
Account_no	Bigint		20	Faculty bank account no	236589102315
Accouny_type	Text			Faculty bank type	Current
Micr_code	Varchar		10	Faculty bank micr code	

- **Data Dictionary District**

Field Name	Data Type	Data Format	Field Size	Description	Example
District	Text		20	Faculty District	Pune
State	Text		30	Faculty State	Maharashtra

- **Data Dictionary for faculty Bill Id (FacultyIDMonthYear)**

Field Name	Data Type	Data Format	Field Size	Description	Example
Data	Date	DD/MM/YYYY	10	Date Of lecture	12-05-2016
Class	Varchar	Class_Sem_Scheme	10	TH/PR on class	CM3i
Time_from	Int		5	TH/PR Starting time	11.30
Time_to	Int		5	TH/PR Ending Time	12.30
Hours	Int		11	Total hours of TH/PH	2
TH/PR	Text	TH / PR	5	Practical or Lecture	TH
Subject	Text		10	Name Of Subject	Java
Present Student	Int		10	Present Student In class	60
Topic Covered	Text		100	Topic Covered in class	interface

- **Data Dictionary for Faculty Id (FacultyIdBill)**

Field Name	Data Type	Data Format	Field Size	Description	Example
Bill Id	Varchar	FacultID_Month_Year	20	Bill id Faculty	GPAN00001012021
Data	Date	DD/MM/YYYY	10	Submission Date of bill	12-06-2021
Apdate	Date	DD/MM/YYYY	10	Apdated date of bill	25-06-2021
Month	Int		2	Month Of bill	6
Year	Int		6	Year of bill	2021
Total_th_Hours	Int		5	Total TH Hours of Taught	5
Total_pr_Hours	Int		5	Total PR Hours of Taught	6
TH_rate	Int		9	Rate Of TH Lecture per Hours	500
PR_rate	Int		9	Rate of PR per Hours	250
Total_amount_of_th	Int			Total Amt of TH	2500
Total_amount_of_pr	Int			Total Amt of PR	1500
Total Amt	Int			Total of Amt	4000
Status	Text			Status of Bill	Approved
Reason	Text			bill Rejection Reason	The Lecture Number 13 not Entered Correct

- Data Dictionary for TTFacultyID

Field Name	Data Type	Data Format	Field Size	Description	Example
Scheme	Char		5	Current Year Scheme	I
Days	Text		10	Days of Weak	Monday
Time_form	Float	00.00	10	TH/PR Starting Time	11.30
Time_to	Float	00.00	10	TH/PR Ending Time	12.30
Subject	Text		10	Subject Name	OSY
Class	Varchar		10	Lecture Of class	CM
Sem	Int		1	Current sem	5
TH/PR	Char		2	TH or PR	TH
Batch	Varchar		10	PR batch of class	B1
Rn/Ln	Varchar		20	Classroom no or lab name	10

- Data Dictionary for AssignSubjects

Field Name	Data Type	Data Format	Field Size	Description	Example
Faculty_Id	Varchar	GAPN_____	10	Unique number for all Faculty	GPAN00001
Scheme	Char		5	Current Year Scheme	I
Class	Varchar		5	Class	TYCM
Subject	Text		10	Subject Name	OSY
TH/PR	Char		2	TH or PR	TH
Batch 1	Char		1	Batch Of PR	Y / N
Batch 2	Char		1	Batch Of PR	Y / N
Batch 3	Char		1	Batch Of PR	Y / N

- **Data Dictionary for Scheme Details:**

Field Name	Data Type	Data Format	Field Size	Description	Example
Scheme Name	Char		5	Name of Scheme	I
Subject	Text		10	Subject Name	OSY
Sem	Int		1	Semester	5
TH/PR	Char		2	TH or PR	TH

- **Data Dictionary for Rate Details:**

Field Name	Data Type	Data Format	Field Size	Description	Example
Sr_no	Int		11	Unique number	1
Th_rate	Int		11	Rs per TH/hr	250
PR_rate	Int		11	Rs per PR/hr	250
Limit	Int		11	Total Bill amount limit	15500

- **Data Dictionary for Admin Details:**

Field Name	Data Type	Data Format	Field Size	Description	Example
UserName	Varchar		20	User Name Of Admin	Admin
Password	Varchar		20	Admin Password	GPANADMIN

CHAPTER 4

DETAILS OF WORKING

4.1 Life Cycle Model:

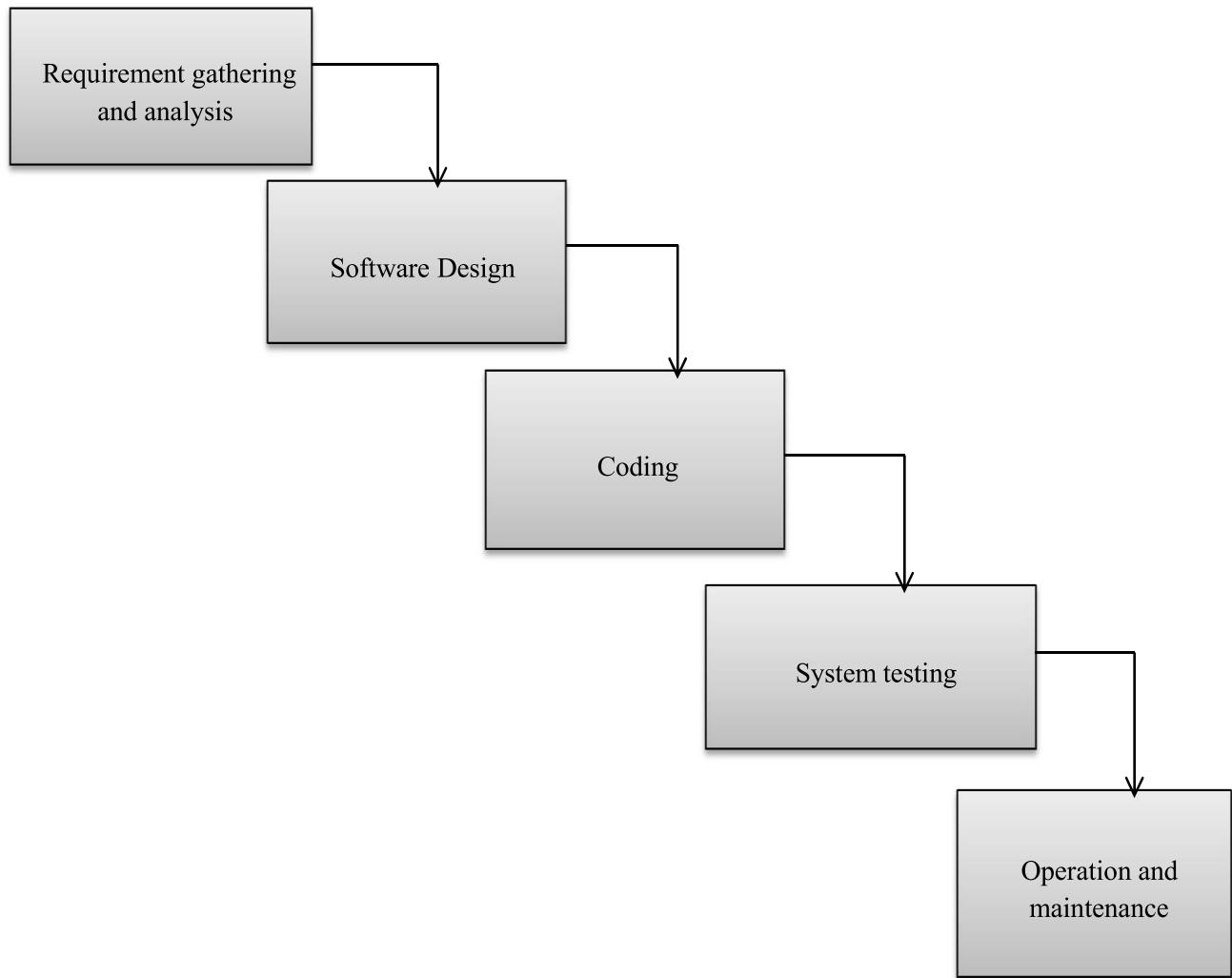


Fig. 3 Waterfall Model

4.2 Team Structure:

Teamwork in the workplace is an important factor for project success. Teamwork is important because it creates human synergy. It amplifies the results of each member of your team such that the overall result is greater than the individual contributions made by each member. Our group structure is democratic structure and Aditya Anil Durge is Co-ordinator.

Table: Team Structure

Member Name	Work
Durge Aditya	Main project module designing and coding.
Gaikwad Vishal	Project Report writing and database designing
Gorde Omakar	Project Report writing and Testing
Kadus Sandip	Project interface Designing
Lavharkar Vinay	

Above table shows the team structure of our team for developing this project. Different types of work have been done in a team.

4.3 Action Plan

Sr. no	Details of Activity	Planned StartDate	Planned EndDate	Name of Responsible Team Members
1	Designing of GUI of the Website	19/02/2022	05/03/2022	All team Members
2	Creation of database	05/03/2022	12/03/2022	All team Members
3	Implementation	12/03/2022	16/04/2022	All team Members
4	Testing	16/04/2022	22/04/2022	All team Members
5	Project Report Writing	22/04/2022	07/05/2022	All team Members
6	Project Presentation	07/05/2022	14/05/2022	All team Members
7	Project Demo	As per notice	All team Members	All team Members
8	Defense			

4.4 Development Schedule & Milestone

Development of the project should have been done by predefined schedule. Because Success of the project is depending upon the planning and scheduling of various work task. Software Engineering practices can be used to planning and modeling of various work of the project.

A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity. This allows you to see at a glance:

Following tasks are performed by us to complete this project:

1. Requirement Gathering
2. Feasibility Study
3. Planning
4. Estimation
5. Scheduling
6. Requirement Analysis
7. Design
8. Database Design
9. Coding
10. Testing
11. Report Writing
12. Deployment and Submission

4.5 Programming languages & Development tools:

Programming languages are the very important factor for developing any software or website. For developing the website, we require scripting languages. A scripting language is used to write scripts. These contain a series of commands that are interpreted one by one at runtime unlike programming languages that are compiled first before running.

- **Programming languages:**

1. HTML
2. PHP
3. CSS
4. Bootstrap

- **Databases:**

1. MY SQL

- **Development Tools-**

We require some software and hardware for developing the project. Coding and Designing of the software is done on these development tools. We used following Development tools for developing the project-

Sr No	Development Tool	Specification
1	Computer System	Processor Intel Core I5, RAM 8 GB, 1TB.HDD
2	Operating System	Windows 10
3	Microsoft word	Microsoft Office 2016
4	Xampp Server (MySQL database)	version 3.3.0
5.	Visual Studio Code	version 1.67.0

CHAPTER 5

RESULT AND APPLICATION

5.1 Result:

Homepage :



Admin Section

Admin Login

A screenshot of an admin login interface. At the top center is a green circular icon containing a white person symbol. Below it is the text "Admin Login". Underneath the text are two input fields: one for "Username" and one for "Password", both with placeholder text. At the bottom is a large green rectangular button with the word "Login" in white.

Admin Dashboard:

The screenshot shows the Admin Dashboard of a management system. On the left is a dark sidebar with a user icon and the word "Admin". Below it are several menu items under categories: FACULTY, SCHEME, RATE, and BILL. The "Dashboard" item is highlighted with a pink background. The main content area has a header "Pages / Dashboard Dashboard" and a "Logout" link in the top right. In the center is the logo of Government Polytechnic Ahmednagar, which is circular with text and a gear-like design. Below the logo is a purple banner with the text "Welcome to Goverment Polytechnic Ahmednagar".

Add New Faculty:

The screenshot shows the "Add New Faculty" page. The sidebar on the left is identical to the Admin Dashboard. The main area has a header "Pages / Add New Faculty Add New Faculty" and a "Logout" link. A pink bar at the top says "Add New Faculty". Below are four input fields: "First Name" with "Vinay" entered, "Middle Name" with "Kishor" entered, "Last Name" with "Lavharkar" entered, and "Email Id" with "vinaylavharkar2004@gmail.com" entered. A green "ADD" button is at the bottom.

The screenshot shows the 'Add New Faculty' page. On the left is a dark sidebar with navigation links: Dashboard, Add new Faculty (highlighted in pink), Assign Subject, Assign Timetable, Set Scheme, Edit Scheme, Edit Rate, Pending Bill. The main area has tabs for Pages / Add New Faculty and Add New Faculty. A modal window in the center displays a green checkmark icon and the text 'Faculty Id = GPAN20221176'. Below it, a message says 'faculty added and Email send successfully'. There are 'ok' and 'cancel' buttons at the bottom of the modal. The top right corner shows a 'Logout' link.

Assign Subject :

The screenshot shows the 'Assign Subject' page. The sidebar is identical to the previous one. The main area has tabs for Pages / Assign Subject and Assign Subject. A dropdown menu is open under 'Faculty Name', showing 'Select Faculty Name' and three options: 'Vinay Kishor Lavharkar' and 'Shital Vinod Bhalgat'. A 'SEARCH' button is to the right of the dropdown. The top right corner shows a 'Logout' link.

Pages / Assign Subject

Assign Subject

Logout

Faculty Name : Vinay Kishor Lavharkar Faculty ID : GPAN20221176

SCHEME	CLASS	SUBJECT	TH/PR	BATCH1	BATCH2	BATCH3
I	FYCM	C	both	Y	Y	Y

ADD SUBJECT

Scheme Class Subject TH/PR

Batch1 Batch2 Batch3

Yes Yes Yes

SUBMIT CANCEL

Pages / Assign Subject

Assign Subject

Logout

Faculty Name : Vinay Kishor Lavharkar Faculty ID : GPAN20221176

SCHEME	CLASS	SUBJECT	TH/PR	BATCH1	BATCH2	BATCH3
I	FYCM	C	both	Y	Y	Y

EDIT DELETE ADD SUBJECT



Successful!

Subject Assigned successfully

ok

Set Scheme:

Pages / Set Scheme

Logout

Set Scheme

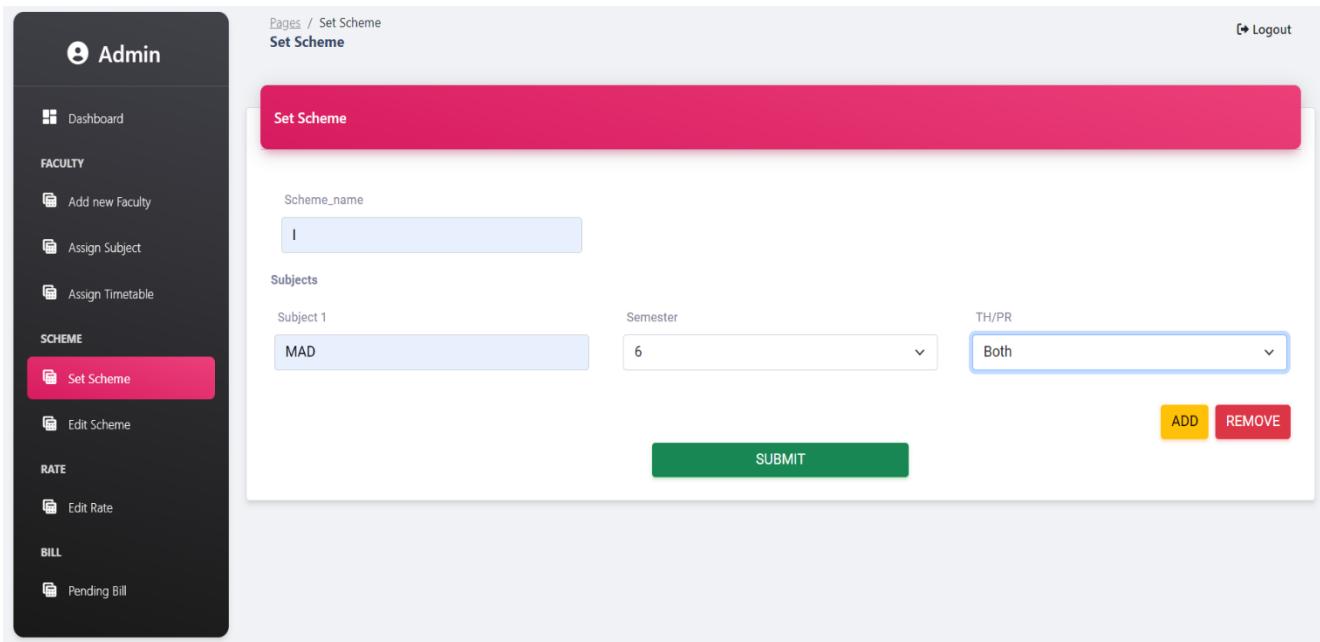
Scheme_name: I

Subjects

Subject 1	Semester	TH/PR
MAD	6	Both

ADD **REMOVE**

SUBMIT



Pages / Set Scheme

Logout

Set Scheme

Scheme_name: I

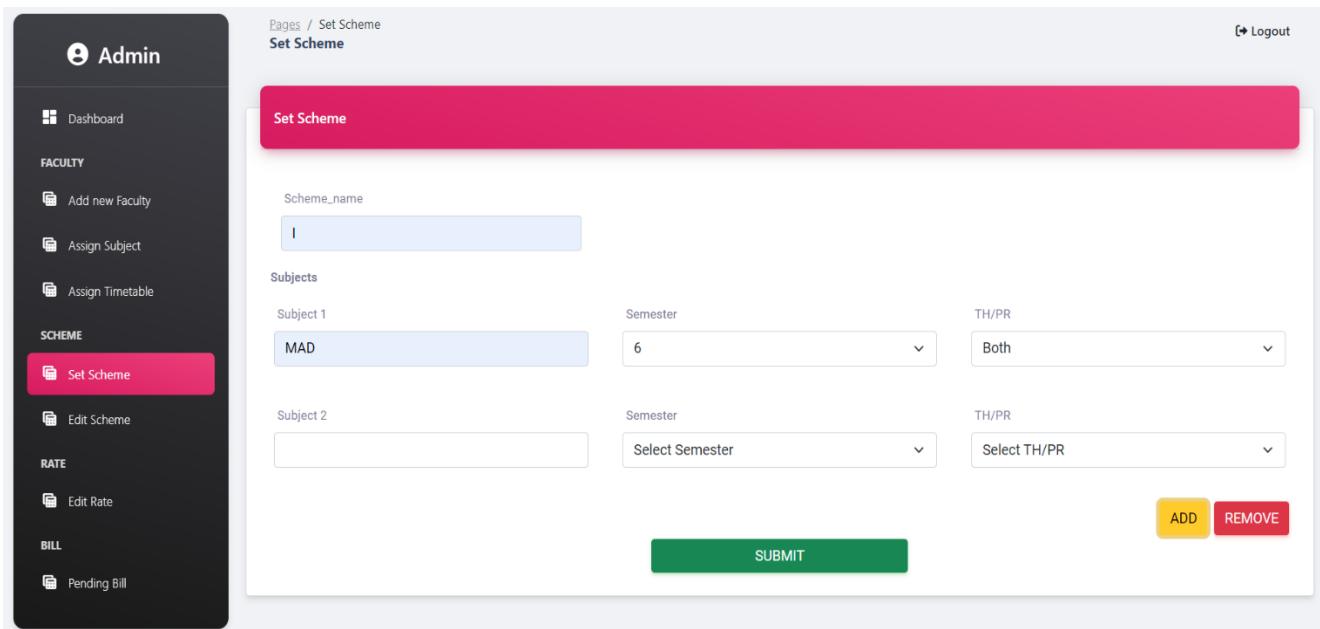
Subjects

Subject 1	Semester	TH/PR
MAD	6	Both

Subject 2	Semester	TH/PR
	Select Semester	Select TH/PR

ADD **REMOVE**

SUBMIT



Edit Scheme :

The screenshot shows the 'Edit Scheme' page. On the left is a dark sidebar with the 'Admin' logo at the top. Below it are sections for 'FACULTY' (Add new Faculty, Assign Subject, Assign Timetable), 'SCHEME' (Set Scheme, Edit Scheme - highlighted in pink), 'RATE' (Edit Rate), and 'BILL' (Pending Bill). The main area has a header 'Edit Scheme' and a sub-header 'Edit Scheme'. It features a 'Scheme Name' input field with a dropdown menu showing 'Select Scheme' and a search button. A small input field below it contains the letter 'I'.

This screenshot shows the same 'Edit Scheme' page after a search. The results table lists four subjects:

SCHEME	SUBJECT	SEM	TH/PR	EDIT	DELETE
I	c	1	Both	<button>EDIT</button>	<button>DELETE</button>
I	EDE	6	Both	<button>EDIT</button>	<button>DELETE</button>
I	java	4	Both	<button>EDIT</button>	<button>DELETE</button>
I	WBP	6	Both	<button>EDIT</button>	<button>DELETE</button>

A yellow 'ADD SUBJECT' button is located at the bottom right of the table. The sidebar on the left is identical to the first screenshot.

After clicking edit :

Pages / Edit Scheme
Edit Scheme

Logout

Edit Scheme

SCHEME	SUBJECT	SEM	TH/PR	EDIT	DELETE
I	c	1	Both	<button>EDIT</button>	<button>DELETE</button>
I	EDE	6	Both	<button>EDIT</button>	<button>DELETE</button>
I	java	4	Both	<button>EDIT</button>	<button>DELETE</button>
I	WBP	6	Both	<button>EDIT</button>	<button>DELETE</button>

Subject: EDE Semester: 6 TH/PR: Both

ADD SUBJECT UPDATE CANCEL

Admin

- Dashboard
- FACULTY
 - Add new Faculty
 - Assign Subject
 - Assign Timetable
- SCHEME
 - Set Scheme
 - Edit Scheme**
- RATE
 - Edit Rate
- BILL
 - Pending Bill

Pages / Edit Scheme
Edit Scheme

Logout

Edit Scheme



Successful!

Subject Updated Successfully

ok

SCHEME	TH/PR
I	Both
I	PR
I	Both
I	Both

EDIT DELETE

EDIT DELETE

EDIT DELETE

EDIT DELETE

ADD SUBJECT

Admin

- Dashboard
- FACULTY
 - Add new Faculty
 - Assign Subject
 - Assign Timetable
- SCHEME
 - Set Scheme
 - Edit Scheme**
- RATE
 - Edit Rate
- BILL
 - Pending Bill

Assign Timetable :

The screenshot shows the 'Assign Timetable' page. On the left is a dark sidebar with a navigation menu. The 'Assign Timetable' option is highlighted with a pink background. The main content area has a pink header bar with the title 'Assign Timetable'. Below it is a search form with a dropdown menu labeled 'Select Faculty Name' and a 'SEARCH' button. The URL in the browser is 'Pages / Assign TimeTable'.

This screenshot is from the same 'Assign Timetable' page as the previous one. The 'Select Faculty Name' dropdown is now open, displaying three options: 'Select Faculty Name', 'Vinay Kishor Lavharkar', and 'Shital Vinod Bhalgat'. The URL in the browser is 'Pages / Assign TimeTable'.

Pages / Assign Timetable
Assign Timetable

Logout

Assign Timetable

Faculty Name : Vinay Kishor Lavharkar Faculty ID : GPAN20221176

Days	From	To	Scheme	Class	Sem	Subject	TH/PR	Batch	Room No/Lab Name

ADD TIMETABLE ROW

Admin

- Dashboard
- FACULTY**
 - Add new Faculty
 - Assign Subject
 - Assign Timetable**
- SCHEME**
 - Set Scheme
 - Edit Scheme
- RATE**
 - Edit Rate
- BILL**
 - Pending Bill

Pages / Assign Timetable
Assign Timetable

Logout

Assign Timetable

Faculty Name : Vinay Kishor Lavharkar Faculty ID : GPAN20221176

Days	From	To	Scheme	Class	Sem	Subject	TH/PR	Batch	Room No/Lab Name
Days	From	To	Scheme	Class	Sem	Subject	TH/PR	Batch	Room No/Lab Name
Select Days	Select From	Select To							
From	class	Subject							
Select Scheme	Select class	Select Subject							
Scheme									
Sem	TH/PR	Batch							
Select Sem	Select TH/PR	Select Batch							
Room No/Lab Name									

ADD TIMETABLE ROW

Admin

- Dashboard
- FACULTY**
 - Add new Faculty
 - Assign Subject
 - Assign Timetable**
- SCHEME**
 - Set Scheme
 - Edit Scheme
- RATE**
 - Edit Rate
- BILL**
 - Pending Bill

Pages / Assign Timetable
Assign Timetable

Assign Timetable

Faculty Name : Vinay Kishor Lavharkar Faculty ID : GPAN20221176

Days	FROM	TO	SCHEME	CLASS	SEM	SUBJECT	TH/PR	BATCH	ROOM NO/LAB NAME
Mon	9.30	11.30							DB-lab

ADD TIMETABLE ROW

Days From To Scheme Class Sem Subject TH/PR Batch Room No/Lab Name

From To Scheme Class Subject TH/PR Batch

Days From To Scheme Class Sem Subject TH/PR Batch Room No/Lab Name

From To Scheme Class Subject TH/PR Batch

Room No/Lab Name

SUBMIT **CANCEL**

Pages / Assign Timetable
Assign Timetable

Faculty Name : Vinay Kishor Lavharkar Faculty ID : GPAN20221176

Days	FROM	TO	SCHEME	CLASS	SEM	SUBJECT	TH/PR	BATCH	ROOM NO/LAB NAME
Mon	9.30	11.30	I	FYCM	1	PR	R	Batch_2	DB-lab

ADD TIMETABLE ROW

Days From To Scheme Class Sem Subject TH/PR Batch Room No/Lab Name

From To Scheme Class Subject TH/PR Batch

Days From To Scheme Class Sem Subject TH/PR Batch Room No/Lab Name

From To Scheme Class Subject TH/PR Batch

Room No/Lab Name

ok

Successful!
Timetable Assigned successfully

After clicking send mail button :

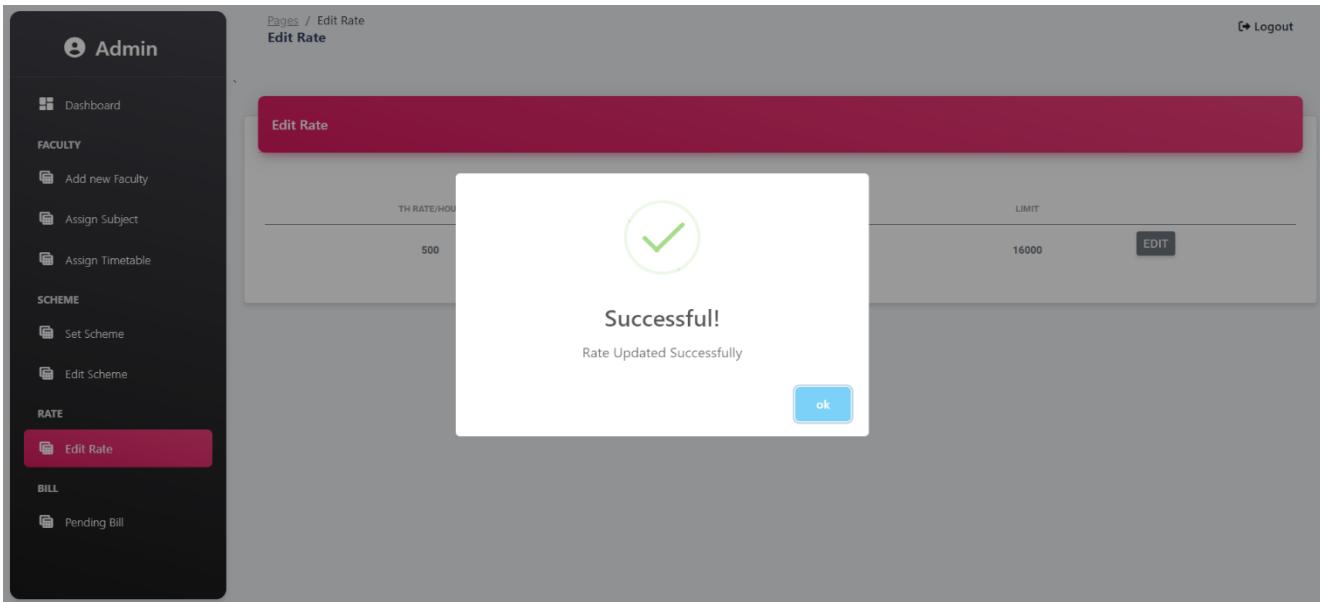
The screenshot shows the 'Assign Timetable' section of the application. On the left, there's a sidebar with various administrative options like Dashboard, Add new Faculty, Assign Subject, Assign Timetable (which is highlighted in pink), Set Scheme, Edit Scheme, Edit Rate (which is also highlighted in pink), Pending Bill, etc. The main area shows a table for assigning timetables. A modal window in the center displays a green checkmark icon and the text 'Successful!' followed by 'Mail send Successfully'. At the bottom right of the modal is a blue 'ok' button. The background table has columns for Days, From, To, PR, Batch, Room No/Lab Name, EDIT, and DELETE. One row is visible with the value 'Batch_2' under the Batch column.

Edit Rate Section:

The screenshot shows the 'Edit Rate' section. The sidebar on the left includes options for Dashboard, Add new Faculty, Assign Subject, Assign Timetable, Set Scheme, Edit Scheme, Edit Rate (highlighted in pink), and Pending Bill. The main content area has a header 'Edit Rate' and a table with three columns: TH RATE/HOUR, PR RATE/HOUR, and LIMIT. The values shown are 500, 250, and 15500 respectively. There is an 'EDIT' button at the bottom right of the table row.

After clicking edit button:

The screenshot shows the Admin dashboard with a sidebar containing links for Dashboard, Faculty (Add new Faculty, Assign Subject, Assign Timetable), Scheme (Set Scheme, Edit Scheme), Rate (Edit Rate), and Bill (Pending Bill). The main content area is titled 'Edit Rate' and displays fields for TH RATE/HOUR (500), PR RATE/HOUR (250), and LIMIT (15500). Below these are input fields for TH Rate/Hours (500), PR Rate/Hours (250), and Limit (15500). At the bottom are 'UPDATE' and 'CANCEL' buttons.



Pending Bills :

The screenshot shows a web-based administrative interface for managing faculty bills. On the left, a sidebar menu under the 'Admin' header includes options like Dashboard, Faculty (Add new Faculty, Assign Subject, Assign Timetable), Scheme (Set Scheme, Edit Scheme), Rate (Edit Rate), and Bill (Pending Bill). The main content area is titled 'Pending Bill' and displays two entries:

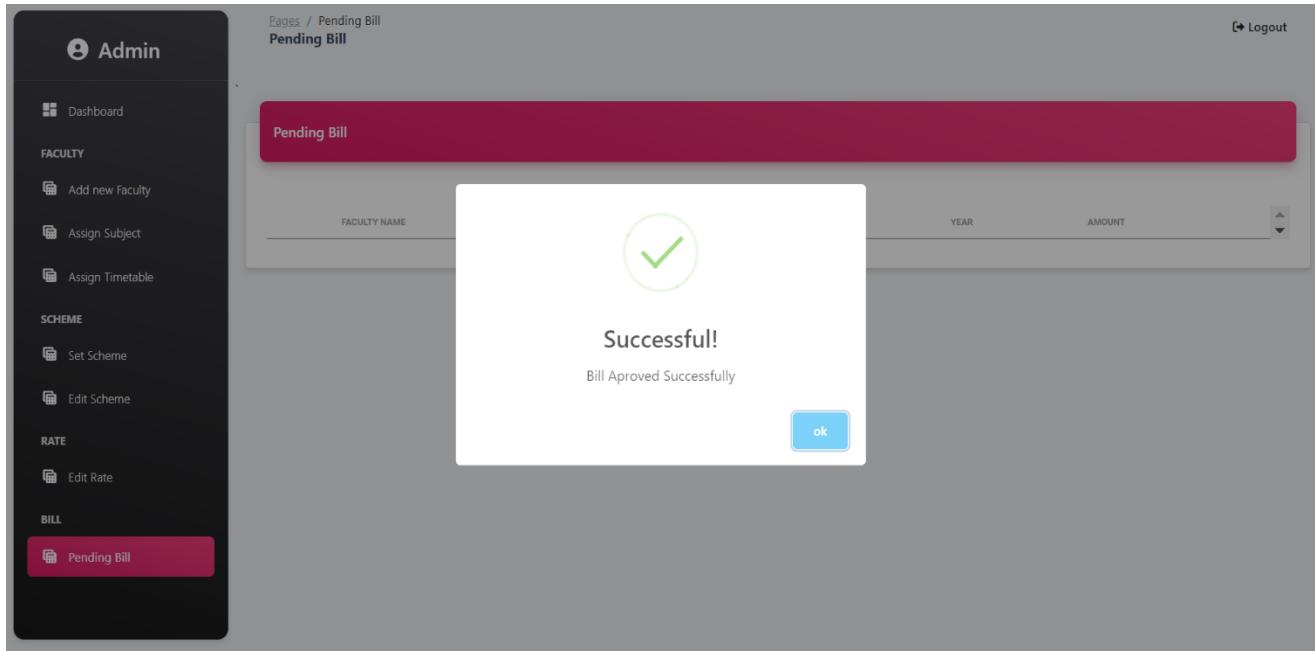
FACULTY NAME	DATE OF SUBMISSION	MONTH	YEAR	AMOUNT
Vinay Kishor Lavharkar	2022-05-19	Jun	2022	1000
Vinay Kishor Lavharkar	2022-05-19	May	2022	10500

Each entry has a 'VIEW' button to its right.

After clicking Reject:

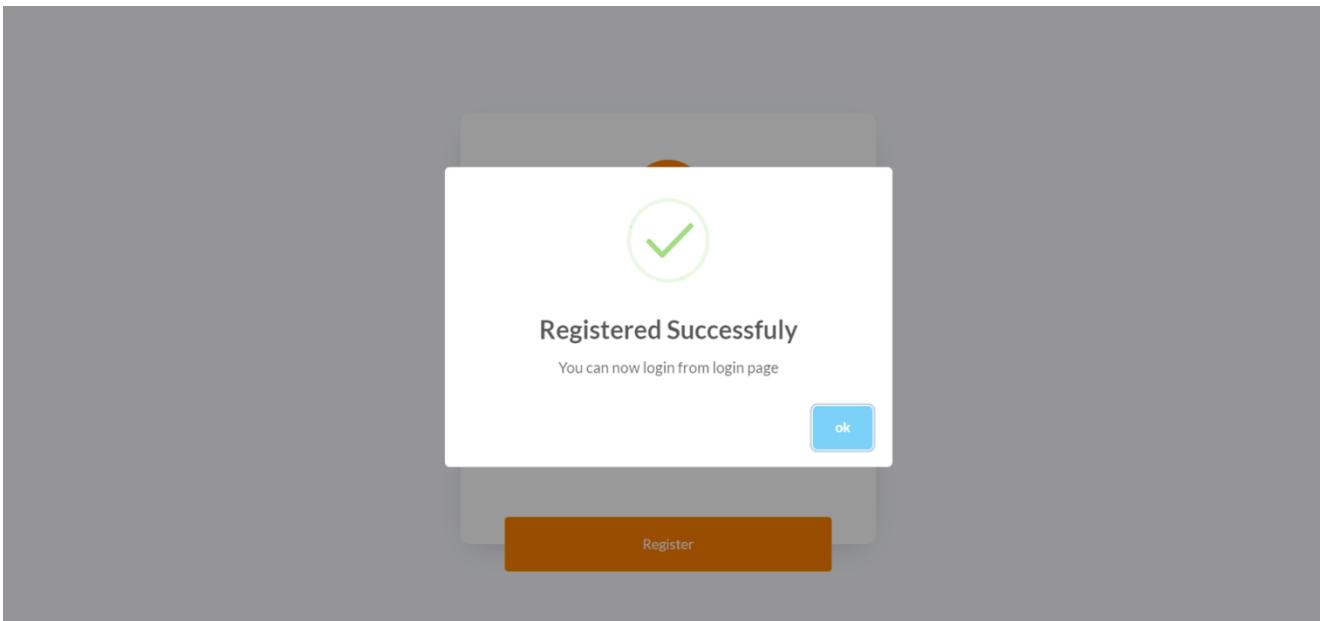
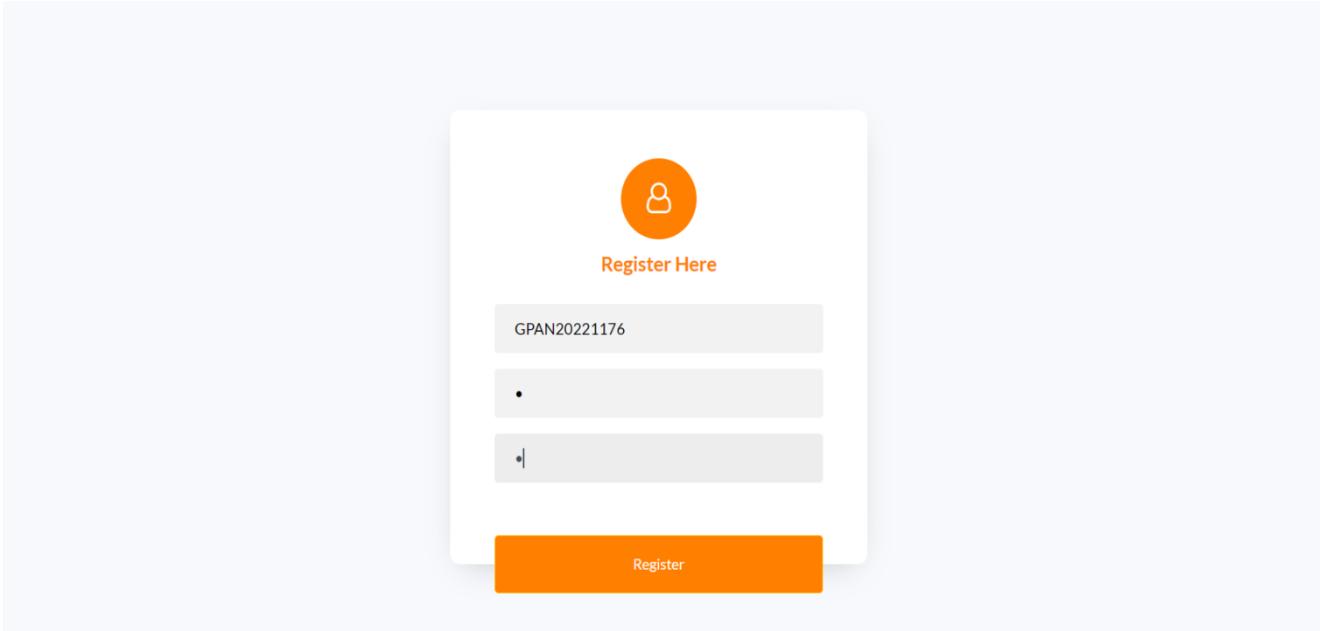
The screenshot shows the same Pending Bill page after a rejection. The second entry for Vinay Kishor Lavharkar is now marked as rejected. The 'REJECT' button is highlighted in red at the bottom of the row. A text input field labeled 'Reason for Rejection' contains the text 'Not Enough Entries'. At the bottom right, there are 'SUBMIT' and 'CANCEL' buttons.

After Clicking Approve :

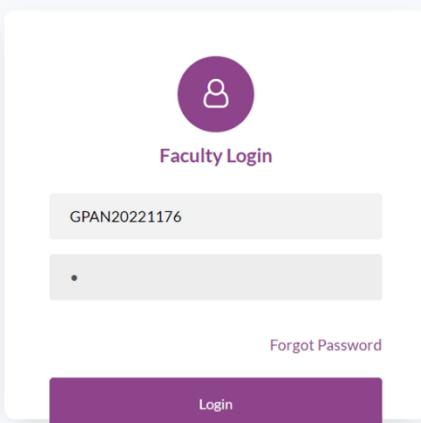


Faculty Section

Faculty Registration:

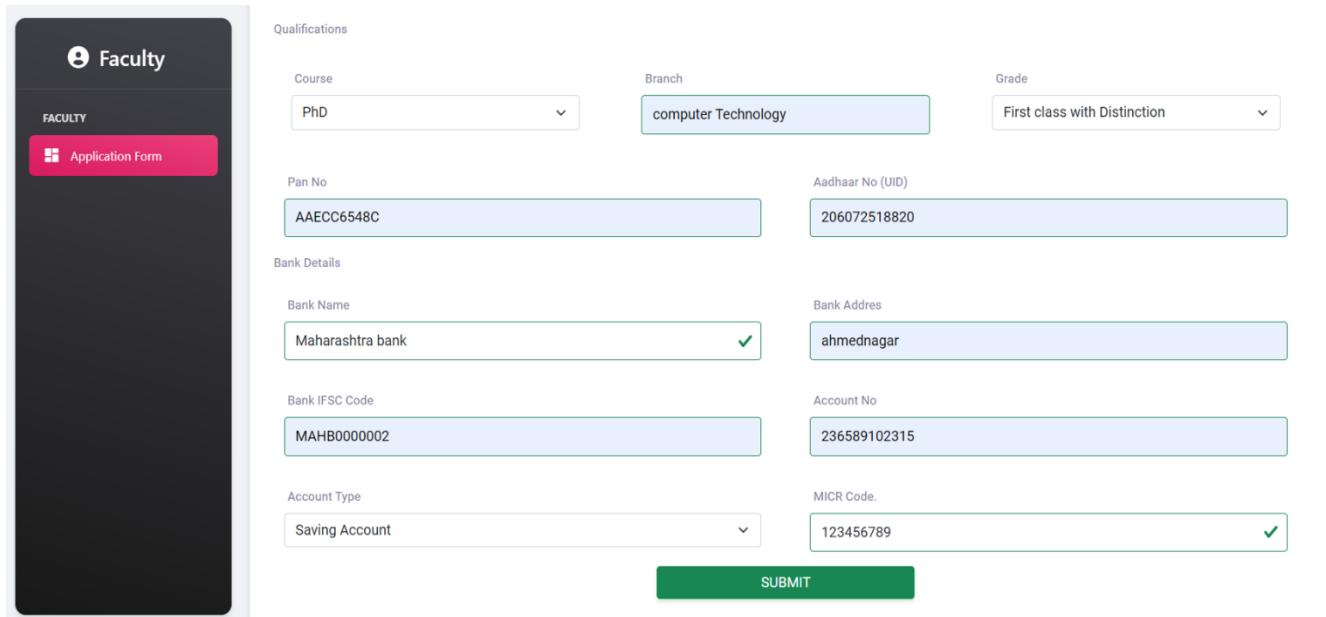


Faculty Login:

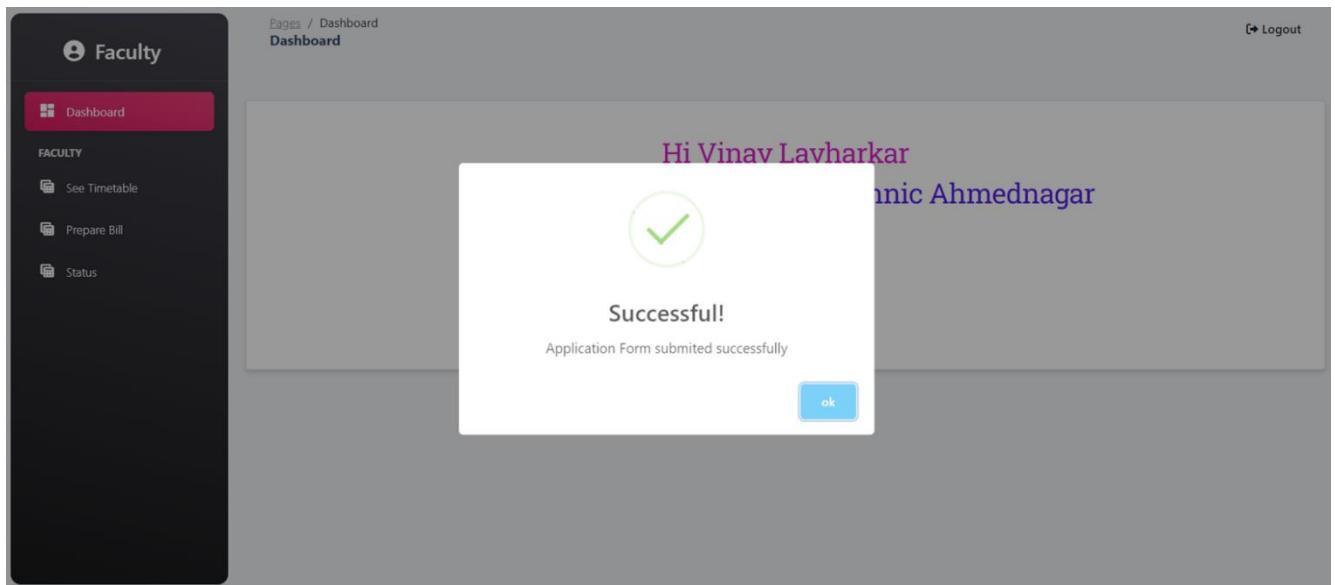


Application Form:

A screenshot of an Application Form page. On the left, there's a sidebar with a dark background labeled "Faculty" and "FACULTY", with a pink "Application Form" button. The main page has a header with "Pages / Application Form" and "Application Form". The form itself has a pink header bar. It includes fields for First Name ("Vinay"), Middle Name ("Kishor"), Last Name ("Lavharkar"), Phone No ("8669399371"), Gender (radio buttons for Male and Female, with Male selected), Address, House No ("Home no 22"), Area/lane/street ("Hanuman Lane"), Landmark ("Near Burdgoan Road"), and City ("Ahmednagar"). Most fields have green checkmarks indicating they are filled or valid.



The screenshot shows a faculty application form interface. On the left is a dark sidebar with a user icon and the word "Faculty". Below it are four menu items: "Application Form" (highlighted in pink), "Dashboard", "See Timetable", "Prepare Bill", and "Status". The main content area has a header "Qualifications" and three dropdown fields: "Course" (PhD), "Branch" (computer Technology), and "Grade" (First class with Distinction). Below this are two input fields: "Pan No" (AAECC6548C) and "Aadhaar No (UID)" (206072518820). A section titled "Bank Details" contains four fields: "Bank Name" (Maharashtra bank), "Bank Address" (ahmednagar), "Bank IFSC Code" (MAHB0000002), and "Account No" (236589102315). Another section for "Account Type" includes "Saving Account" and "MICR Code." (123456789). At the bottom is a green "SUBMIT" button.



Faculty Dashboard:

The screenshot shows the Faculty Dashboard. On the left is a sidebar with a dark background and white text. It features a logo icon, the word "Faculty", and four menu items: "Dashboard" (highlighted in pink), "See Timetable", "Prepare Bill", and "Status". At the top right of the main area is a "Logout" link. The main content area displays a welcome message "Hi Vinay Lavharkar" and "Welcome to Goverment Polytechnic Ahmednagar" in purple text. Below the text is the college's logo, which is circular with a gear in the center and text around it.

See Timetable :

The screenshot shows the "See Timetable" page. The sidebar on the left is identical to the one in the dashboard. The main area has a red header bar with the text "Timetable". Below this is a table representing a weekly class schedule. The columns represent time slots: 9.30-10.30, 10.30-11.30, 11.30-12.30, 12.30-1.30, 1.30-1.50, 1.50-2.50, 2.50-3.50, and 3.50-4. The rows represent days of the week: Mon, Tue, Wed, Thus, Fri, and Sat. Some cells contain text indicating class details like "c - Batch_2 - (DB-lab) FYCM" or "WBP - Batch_2 - (Db lab) TYCM". A green "DOWNLOAD" button is at the bottom of the table.

Download PDF of Timetable:

Time Table												
Day/Time	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-1.50	1.50-2.50	2.50-3.50	3.50-4.00	4.00-5.00	5.00-6.00		
Mon	c - Batch_2 - (DB-lab) FYCM		WBP - Batch_2 - (Db lab) TYCM		R			R				
Tue			EDE - Batch_2 - (MM-lab) TYCM			WBP - 12 TYCM						
Wed			c - Batch_3 - (Db lab) FYCM						WBP - 10 TYCM			
Thur												
Fri												
Sat												

Prepare Bill:

The screenshot shows the Faculty dashboard with a sidebar on the left containing links for Dashboard, See Timetable, Prepare Bill (which is highlighted in pink), and Status. The main content area is titled 'Prepare Bill' and includes a date input field labeled 'Select Month and Year' with a placeholder '----, ----' and a calendar icon. A green 'SUBMIT' button is located below the input field.

The screenshot shows the Faculty dashboard with a sidebar on the left containing links for Dashboard, See Timetable, Prepare Bill (highlighted in pink), and Status. The main content area is titled 'Prepare Bill' and displays a table of scheduled classes. The columns are DATE, CLASS, FROM, TO, HOURS, TH/PR, SUBJECT, NO OF STUDENT, and TOPIC COVERED IN BRIEF. Each row has 'EDIT' and 'DELETE' buttons at the end. The data in the table is as follows:

DATE	CLASS	FROM	TO	HOURS	TH/PR	SUBJECT	NO OF STUDENT	TOPIC COVERED IN BRIEF	EDIT	DELETE
2022-05-02	CM1I	9.30	11.30	2	PR	C			EDIT	DELETE
2022-05-02	CM6I	11.30	1.30	2	PR	WBP			EDIT	DELETE
2022-05-03	CM6I	1.50	2.50	1	TH	WBP			EDIT	DELETE
2022-05-03	CM6I	11.30	1.30	2	PR	EDE			EDIT	DELETE
2022-05-04	CM6I	4.00	5.00	1	TH	WBP			EDIT	DELETE
2022-05-04	CM1I	11.30	1.30	2	PR	C			EDIT	DELETE
2022-05-09	CM1I	9.30	11.30	2	PR	C			EDIT	DELETE

2022-05-23	CM6I	11.30	1.30	2	PR	WBP	<button>EDIT</button>	<button>DELETE</button>
2022-05-24	CM6I	1.50	2.50	1	TH	WBP	<button>EDIT</button>	<button>DELETE</button>
2022-05-24	CM6I	11.30	1.30	2	PR	EDE	<button>EDIT</button>	<button>DELETE</button>
2022-05-25	CM6I	4.00	5.00	1	TH	WBP	<button>EDIT</button>	<button>DELETE</button>
2022-05-25	CM1I	11.30	1.30	2	PR	c	<button>EDIT</button>	<button>DELETE</button>
2022-05-30	CM1I	9.30	11.30	2	PR	c	<button>EDIT</button>	<button>DELETE</button>
2022-05-30	CM6I	11.30	1.30	2	PR	WBP	<button>EDIT</button>	<button>DELETE</button>
2022-05-31	CM6I	1.50	2.50	1	TH	WBP	<button>EDIT</button>	<button>DELETE</button>
2022-05-31	CM6I	11.30	1.30	2	PR	EDE	<button>EDIT</button>	<button>DELETE</button>
ADD ENTRY								

After clicking edit:

2022-05-30	CM6I	11.30	1.30	2	PR	WBP	<button>EDIT</button>	<button>DELETE</button>
2022-05-31	CM6I	1.50	2.50	1	TH	WBP	<button>EDIT</button>	<button>DELETE</button>
2022-05-31	CM6I	11.30	1.30	2	PR	EDE	<button>EDIT</button>	<button>DELETE</button>
ADD ENTRY								
Select Date			From		To			
02-05-2022			11.30	1.30	11.30	1.30		
Scheme			Class		Subject			
I			TYCM		WBP			
Sem			TH/PR		Hours			
6			PR		2			
No of Present Student			Topic Covered in Brief					
<input type="text"/>			<input type="text"/>					
UPDATE CANCEL								

After clicking delete:

Pages / Prepare Bill

Prepare Bill

Logout

Faculty

Dashboard

FACULTY

See Timetable

Prepare Bill

Status

Prepare Bill

DATE	CLASS	TOPIC COVERED IN BRIEF
2022-05-02	CM1I	C Program
2022-05-02	CM6I	Inheritance
2022-05-03	CM6I	Datatypes in php
2022-05-03	CM6I	Financial agency information
2022-05-04	CM6I	Functions
2022-05-04	CM1I	practical no 4
2022-05-09	CM1I	Operators in c

Successful!

Entry Deleted Successfully

ok

Generated Bill :

Faculty
[Pages](#) / [Prepare Bill](#)
[Logout](#)

Prepare Bill

Dashboard
FACULTY
See Timetable
Prepare Bill
Status

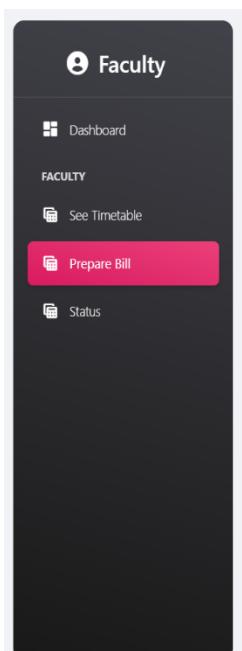
BILL OF REMONSTRATION FOR C.H.B. LECTURES

	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">BILL FOR THE MONTH:</td> <td style="width: 50%;">MAY</td> </tr> <tr> <td colspan="2">DATE OF SUBMISSION:</td> </tr> <tr> <td colspan="2">NAME OF CLAIMANT:</td> </tr> <tr> <td colspan="2">VINAY KISHOR LAVHARKAR</td> </tr> </table>	BILL FOR THE MONTH:	MAY	DATE OF SUBMISSION:		NAME OF CLAIMANT:		VINAY KISHOR LAVHARKAR	
BILL FOR THE MONTH:	MAY								
DATE OF SUBMISSION:									
NAME OF CLAIMANT:									
VINAY KISHOR LAVHARKAR									
GOVERNMENT POLYTECHNIC AHMEDNAGAR		DEPARTMENT:		CO/CM					
DATE	CLASS	FROM	TO	HOURS	TH/PR	SUBJECT	NO OF STUDENT	TOPIC COVERED IN BRIEF	
2022-05-02	CM1I	9.30	11.30	2	PR	C	20	C Program	
2022-05-02	CM6I	11.30	1.30	2	PR	WBP	20	Inheritance	
2022-05-03	CM6I	1.50	2.50	1	TH	WBP	60	Datatypes in php	
2022-05-03	CM6I	11.30	1.30	2	PR	EDE	24	Financial agency information	



The screenshot shows a mobile application interface for a faculty member. The top bar has a logo and the word "Faculty". Below it is a sidebar with icons for Dashboard, Faculty, See Timetable, Prepare Bill (which is highlighted in pink), and Status.

DATE	Subject	Start Time	End Time	Day	Teacher	Room	Capacity	Notes
2022-05-04	CM6I	4.00	5.00	1	TH	WBP	67	Functions
2022-05-04	CM1I	11.30	1.30	2	PR	c	12	practical no 4
2022-05-09	CM1I	9.30	11.30	2	PR	c	18	Operators in c
2022-05-09	CM6I	11.30	1.30	2	PR	WBP	14	Functions in php
2022-05-10	CM6I	1.50	2.50	1	TH	WBP	50	Object oriented concepts
2022-05-10	CM6I	11.30	1.30	2	PR	EDE	11	government agency
2022-05-11	CM6I	4.00	5.00	1	TH	WBP	43	Polymorphism
2022-05-11	CM1I	11.30	1.30	2	PR	c	22	functions in c
2022-05-16	CM1I	9.30	11.30	2	PR	c	21	Structures
2022-05-16	CM6I	11.30	1.30	2	PR	WBP	20	practical 3
2022-05-17	CM6I	1.50	2.50	1	TH	WBP	55	polymorphism
2022-05-17	CM6I	11.30	1.30	2	PR	EDE	22	buisness plan
2022-05-18	CM6I	4.00	5.00	1	TH	WBP	65	HTML Forms
2022-05-18	CM1I	11.30	1.30	2	PR	c	12	Practical 2
2022-05-23	CM1I	9.30	11.30	2	PR	c	21	practical 5
2022-05-23	CM6I	11.30	1.30	2	PR	WBP	22	Practical on Form validation, Session and Cookies

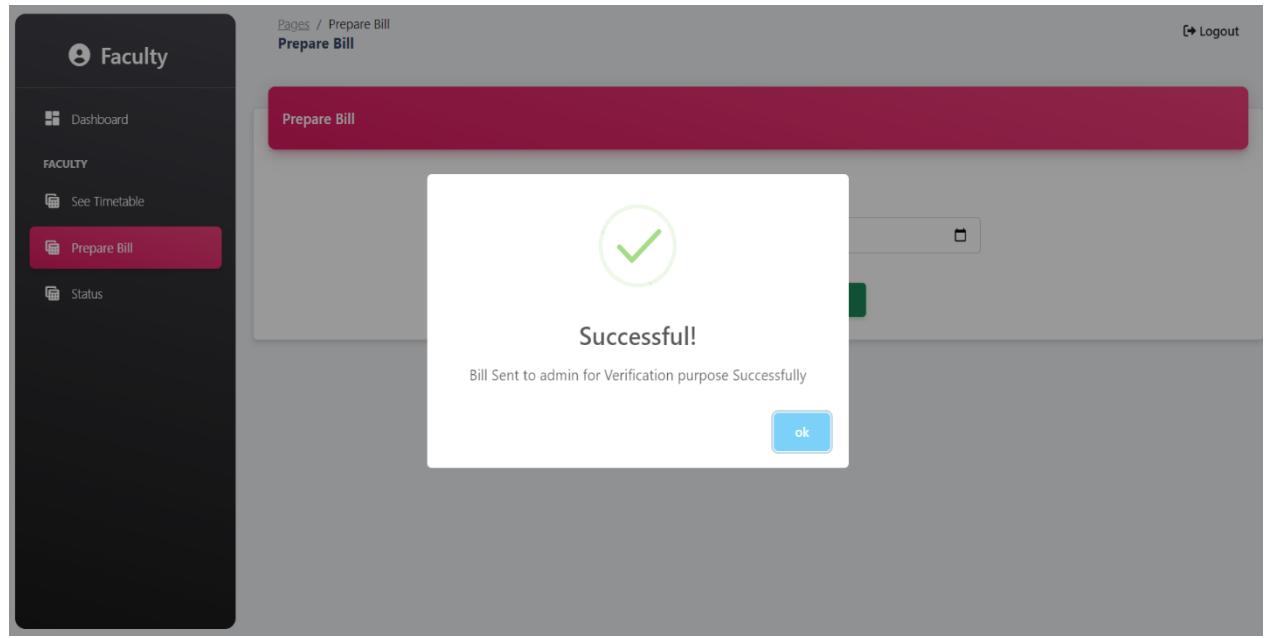


The screenshot shows the same mobile application interface as the first one, but with a summary of bill section added at the bottom.

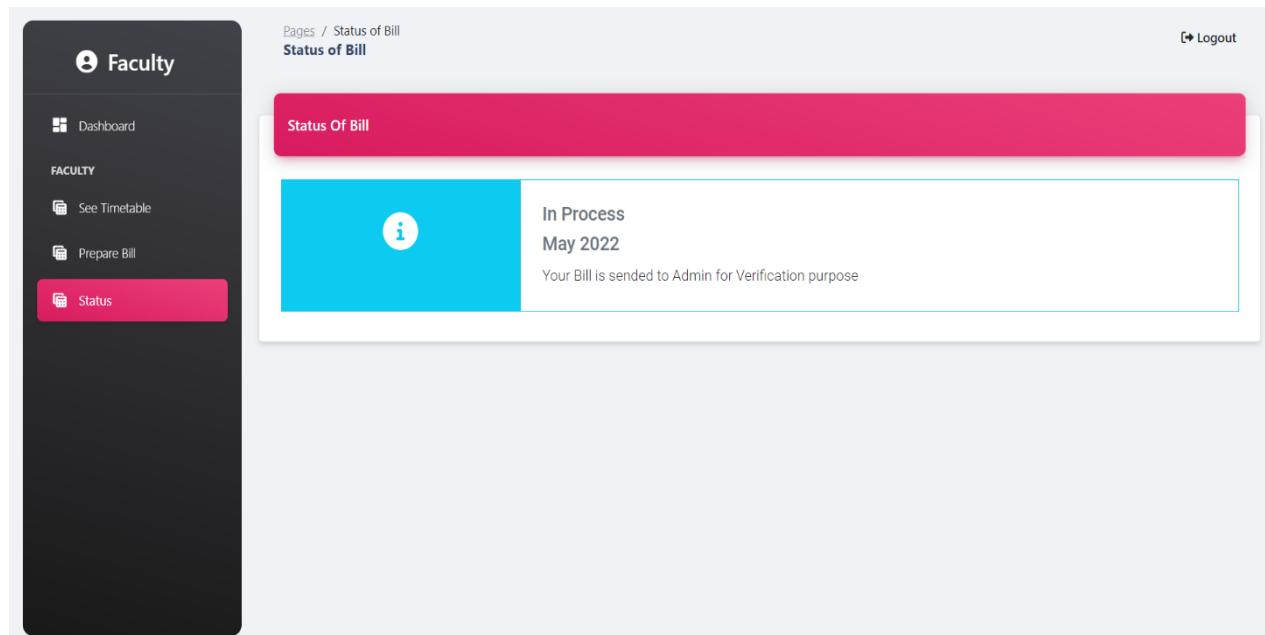
SUMMARY OF BILL

Type	Hours Taught	Rate/Hour Rs.	Amount Rs.
Theory:	7	500	3500
Practical:	28	250	7000
Total:			10500

SUBMIT



Status of Bills :



The screenshot shows the 'Status Of Bill' section of the Faculty dashboard. It displays two entries: one red box labeled 'Rejected' with the reason 'Not Enough Entries' and a yellow 'EDIT' button; and a green box labeled 'Approved' with the date 'May 2022' and a green 'DOWNLOAD BILL' button.

After clicking edit :

The screenshot shows the 'Prepare Bill' section of the Faculty dashboard. It lists two bills in a table:

DATE	CLASS	FROM	TO	HOURS	TH/PR	SUBJECT	NO OF STUDENT	TOPIC COVERED IN BRIEF	EDIT	DELETE
2022-06-29	CM6I	4.00	5.00	1	TH	WBP	12	vfr	<button>EDIT</button>	<button>DELETE</button>
2022-06-29	CM1I	11.30	1.30	2	PR	c	3	ff	<button>EDIT</button>	<button>DELETE</button>

A green 'GENERATE BILL' button is located at the bottom right of the table area.

After clicking download bill button :

May2022 (1).pdf

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BILL OF REMUNERATION FOR C.H.B. LECTURERS

<p>GOVERNMENT POLYTECHNIC AHMEDNAGAR</p>			Bill for the month		May				
			Date of Submission		2022-05-19				
			Name of Claimant		Vinay Kishor Lavharkar				
			Department		CO/CM				
Sr NO	Date	Class	Time		Hours	TH /PR	Subject	Present Student	Topic covered in brief
			From	To					
1	2022-05-02	CMII	9.30	11.30	2	PR	c	20	C Program
2	2022-05-02	CM6I	11.30	1.30	2	PR	WBP	20	Inheritance
3	2022-05-03	CM6I	1.50	2.50	1	TH	WBP	60	Datatypes in php
4	2022-05-03	CM6I	11.30	1.30	2	PR	EDE	24	Finantial agency information
5	2022-05-04	CM6I	4.00	5.00	1	TH	WBP	67	Functions
6	2022-05-04	CMII	11.30	1.30	2	PR	c	12	practical no 4
7	2022-05-09	CMII	9.30	11.30	2	PR	c	18	Operators in c
8	2022-05-09	CM6I	11.30	1.30	2	PR	WBP	14	Functions in php
9	2022-05-10	CM6I	1.50	2.50	1	TH	WBP	50	Object oriented concepts
10	2022-05-10	CM6I	11.30	1.30	2	PR	EDE	11	government agency
11	2022-05-11	CM6I	4.00	5.00	1	TH	WBP	43	Polymorphism

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19	2022-05-23	CMII	9.30	11.30	2	PR	c	21	practical 3
DECLARATION									
I declare that the above information is true and correct to the best of my knowledge and belief and that I have not claimed this bill before.									
Vinay Kishor Lavharkar					Signature of Claimant				
SUMMARY OF BILL					CERTIFICATE				
Type	Hours	Rate/hr	Amount Rs.		The bill may be passed for Rs.10500				
Theory	7	500	3500		In words Rs. Ten Thousand Five Hundred Rupees Only				
Practical	28	250	7000						
Total			10500		Checked By	Verified By	HOD		
The bill is passed for Rs.10500 In words Rs. Ten Thousand Five Hundred Rupees Only									
Registrar					Principal				
This bill is Printed using VFB system Website devloped under final Year Project By TYCM Students 1) Aditya durge 2)Vishal Gaikwad 3)Omkar Gorde 4)Sandip Kadus 5) Vinay Lavharkar under guidance of Prof.S.D.Muley in Year 2022.									
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5.2 Application:

The faculty bill management system is specially developed for maintaining and creating the automated monthly bill of the visiting faculties. And for maintaining the records and the details of the visiting faculties of the collage related subjects, timetable and the bills. The main application of this web application is to provide systematic and automated way to manage the billing system of the visiting faculty. So it can avoid the limitations and disadvantages of existing manual billing system. It provides best features and facilities to both management staff and visiting staff of the collage. By using this application the time and efforts of the both management and visiting staff can be minimized. Some of the applications are as follows:

- This software is specially developed for department of computer engineering.
- It can provide ease of use to faculties regarding to generate bill as it is able to create monthly bill automatically.
- This software can be used for portable module of billing system.
- Faculty billing software will maintain records of faculty so it can be used in any college.
- Along with bill generation it also provides the facilities to faculties like see the timetable and download the PDF of it, Also view the status of bill and edit the rejected bill.
- Department can use this software to maintain records of bill and faculties easily.

CHAPTER 6

TESTING

The testing of the software is done by our group by taking the help of Ms. S.V.Bhalgat madam. Testing done at the computer department of Government Polytechnic, Ahmednagar. In the Testing procedure real time data collected from Ms.S.V.Bhalgat madam. The following Defects were found in the testing :

- While editing the bill, the ending time of the lecture which was **1:30** not shown in the drop-down list of To.
- While adding the new entry in bill details, the repetition of class was found in the drop-down list of class.

Above Defects solved by our team members. Resulted bill in our testing process was checked by Ms.S.V.Bhalgat madam and it was found correct.

TESTING RESULT :-

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

6.1 Conclusion:

While working on this project, we learned all the billing system of the visiting faculty and the management done by the department to process all records of faculty. From a proper analysis of positive points and constraints on project, it can be safely concluded that the project is a highly efficient GUI based component. This application is working properly and meeting user requirements. This component can be easily plugged in many other systems. From this project experience we can develop any billing system and the ERP system to manage multiple records. This software can help department to manage and maintain visiting faculty records easily through web application by installing it in their web. While working on this project we have learned various different skills related to project planning, coding, designing, and also mainly developed our teamwork skills.

6.2 Future Scope:

In future there is good scope in this project. There are many things in which this software can be updated. New features and facilities could be added in the software to improve the performance of the software like-

- Currently this software is for only computer department, so in future changes may done and this software can be used in all department of collage.
- New attractive UI design also can be updated in future for better performance.
- By improving this software application we can manage work of department. we can use this software in department management system. This can be a perfect software module for college management system.
- Also in future Faculty profiles and interview data also managed by this software.

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