Dr. D.Y. Patil Educational Enterprises Charitable Trust's

Dr. D. Y. Patil School of MCA

Dr DY Patil Knowledge City, Charholi (Bk.), Via Lohegaon, Pune – 412105

Date: -

CERTIFICATE

This is to certify that **Sapna Manoj Singh** has successfully / partially completed his project work entitled **"College Management System"** in partial fulfillmentofMCA II, SEM- IV Project for the year 2023-2024. She has worked under our guidance and direction.

Prof. Hidyatulla Pirjade	**Prof. Ashok Deokar**	**Dr. E.B. Khedkar**
Project Guide	**HOD – MCA**	**Director**

Examiner 1 **Examiner 2**

Date:

Place:

AKCNOWLEDGMENT

I acknowledge to all those who have been so helpful in my academic project work. Nevertheless, I have made an effort through this report to express my deepest gratitude to all those who have given their precious time, skill, knowledge, valuable advice and guidance and facilities.

At the very outset I take opportunity to express my deepest gratitude and thanks to Director of our College **Dr. E. B. Khedkar** and **Prof. Ashok Deokar** –HOD and other teaching and non-teaching staff for their useful guidance during the completion of this project report.

I am highly obliged to **Prof. Hidyatulla Pirjade** - Project Guide for his valuable guidance and encouragement given to complete the project. His guidance has certainly helped me to simplify the difficulties and finalize the system effectively.

Last but not the least I thank to my almighty God, Parents and friends for their constant support to me in all aspects during the course of work.

Thank You,
Sapna Singh

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Chapter 1:

Introduction:

The main objective of college management system is to automate all functionalities of a college or university. Using this system you can manage all college management work like admission, fees submission, time table management and result declaration. Using this college management system you can view or update data and information about students and staff easily. This system helps in managing the activity like student admission, student registration, fees submission. Admin can also retrieve information of employee student.

The COLLEGE MANAGEMENT SYSTEM can be used to store student information like attendance, fees, and student result etc. admin can create report regarding any student any time using this system. Using this system you can register new student and their course details. You can submit students fees and can check fees details anytime. You can create exam result and submit in this system. Student can check their result online by logging to the system. You can also add new employee in the system and can check details of the employee easily. Student can also check course detail online from this system.

Using this system you can manage all information of all aspects of a college, its students, faculties, Departments, marks and other curricular activities. College management system provides the easiest way to manage all functionalities of a college. This system facilitates colleges to maintain the functionality related to college employees and their students.

College Management System can store and manage all data of the various departments of a college like Administration, Attendance, Staff details etc. using this system user can retrieve any information related to student, teacher and fees. Using this system teacher can check student attendance anytime. This system also help teacher to announce the result. College administration can also manage college work easily. Admin can check leave, salary and other details of teacher any time. They can also create time table of classes from this system. The Library module is used for the data process of library and book accessing for students and staffs.

1.1 Institute Profile: Dr. D Y Patil School of MCA.

1.2 Abstract:

College management system is helpful for students as well as the colleges. In the existing system all the activities are done manually. It is very time consuming. It manage the college information , student information, Admission management ,Attendance management and various different types of event going on in our college. . In our proposed system, The data will be stored in the college server. To store the data Xampp server will be used. The Admin, Faculty or the student should be a register user.

1.3 Existing System and need for the system:

The system which is used nowadays has some drawbacks which need to be improved for better performance. The system through which the feedback is taken is not good enough. As the technology is developed day by day we need to use this technology so we can get an efficient result in adequate time. For attendance management in the present system all work is done on paper. The whole session attendance is stored in register and at the end of the session the reports are generated. At the end of session the students who don't have 75% attendance get a notice. This is a very time consuming process. In the present system the result is viewed on the notice board. It requires lot of paperwork and is time consuming .Notes will be given in a form of paper or book etc.

Problems of Existing System

1. The existing system is not user friendly because the retrieval of data is very slow and data is stored manually.
2. It require more calculations to generate the report like attendance calculation, percentage calculation etc. so it is generated at the end of the session. Hence requires more time to display the report.
3. In this existing system the papers can miss placed and documents can be loss. This will cause extra work for the admin department stuffs.
4. Manual Operation.
5. No security features.
6. It was less user-friendly.
7. It have a lots of manual work(Manual system does not mean that we are working with pen and paper, it also include working on spread sheets and other simple software's).
8. It requires more no of employees need to work.
9. It is unable to generate different kinds of reports.
10. It was time consuming process.

1.4 Scope of the system:

- College information: Through this service one can access the complete information about the college campus such as courses available, admission procedure, Fee structure, faculty members etc.
- Student attendance status: It gives the attendance status of students. Faculty will update the attendance periodically and can be seen by students and parents.
- Exam Schedule: This facility notified students about examination schedule.
- Online Notes: This service provides the facility to faculty to upload notes and to students refer notes online.
- Information about staff: It will help in maintaining complete information about college faculty members such as their name, email, date,image, address, etc. Administrator will register new faculties and remove their account when they leave the college.
- Any individual from any technical background can easily familiar with this application as the application has very simple user interface.
- To utilize resources in efficient manner by increasing their productivity throughautomation.
- Students can give feedback on faculty.

1.5 Operating Environment:

- **Hardware Requirements:**

Processor	1.6 GHz or Faster Processor
RAM	4 GB
Hard Disk	10 GB of Available Hard Disk
Display	1024 X 768 or Higher Resolution

- **Software Requirements:**

Operating System	Windows 10
Front End	HTML, CSS, JavaScript, Ajax
Back End	PHP
Library/ Framework	Bootstrap.
Code Editor	Visual Studio Code
Database	MySQL
Web Server	Apache
Web Browser	Google Chrome,Safari,Microsoft Edge

1.6 Brief description of technology used (Front End and Back End):

- **PHP:**

PHP is a server-side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites. It is integrated with several popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

- **MYSQL:**

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. It is a very powerful program. It handles a large subset of the functionality of the most expensive and powerful database packages. It uses a standard form of the well-known SQL data language. It works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc. It works very quickly and works well even with large data sets. It is very friendly to PHP, the most appreciated language for web development.

- **JavaScript**

JavaScript is light weight, JIT [Just-in-Time] compiled programming language. JavaScript is used mainly for enhancing the interaction of a user with the webpage. In other words, you can make your webpage livelier and more interactive, with the help of JavaScript. JavaScript is also being used widely in game development and Mobile application development.

- **CSS**

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and 5 screen sizes as well as a variety of other effects. CSS provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

• **HTML**

HTML stands for Hypertext Markup Language, and it is the most widely used language on Web Pages. Hypertext refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called Hypertext. As its name suggests, HTML is a Markup Language which means you use HTML to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display.

1.6.1 Operating System used:

- **Windows 10:**

The project is developed in Windows Operating system. Windows 10 is the Microsoft Windows Operating System and successor to the Windows 8 (and Windows 8.1) Operating System. It is a familiar and flexible computer operating system like Windows 7 with the Start menu developed by Microsoft as part of the Windows NT family of operating systems.

Windows 10 released with mostly positive reviews upon its original announcement in July 2015, detractors praised Microsoft's decision to downplay user-interface mechanics introduced by Windows 8 (including the full-screen apps and Start screen). Here are the best features of the operating system.

One of the best new growth in Windows 10 is that it is completely free to upgrade. Microsoft made this declare at its January event in Redmond. The steady has said it will be available at no charge for the first year for Windows 8.1 and Windows Phone 8.1 users. It will also be free if you are still running Windows 7.

- **Mac OS**

macOS is the operating system that powers every Mac. It lets you do things you simply can't do with other computers. That's because it's designed specifically for the hardware it runs on — and vice versa. macOS comes with an entire suite of beautifully designed apps. It works hand in hand with iCloud to keep photos, documents and other stuff up to date on all your devices. It makes your Mac work like magic with your iPhone and other Apple devices. And it's been built from the ground up with privacy and security in mind.

1.6.2 RDMS used to build database:

- **MySQL:**

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. It is a very powerful program. It handles a large subset of the functionality of the most expensive and powerful database packages. It uses a standard form of the well-known SQL data language. It works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc. It works very quickly and works well even with large data sets. It is very friendly to PHP, the most appreciated language for web development.

MySQL is a relational database management system based on the Structured Query Language, which is the popular language for accessing and managing the records in the database. MySQL is open-source and free software under the GNU license. We were used MySQL because it is open-source and free software and also easy to use.

Chapter 2. Proposed System:

This is a web-related application that permits us to approach the entire knowledge regarding the college, employees, students, faculties etc. This application is also called as College management system. It offers an actual trip of the college campus. Here we would gain the recent knowledge regarding the students and employees. This general application planned for aiding the students of an organization about details on the courses, subjects, classes, assignments, grades and time-table. It also allows the faculty to know his time-table, upload assignments and issue circulars to the pupil. The administrator would maintain the accounts of the pupil and staff, prepares the time-table and upload the current information regarding the campus.

In order to solve these problems, a new system has been created, that attempts to operate the whole procedure considering the database integration approach.

2.1 Study of Similar System:

2.2 Feasibility Study:

The feasibility study plays an important role in the analysis of the system. Before developing the system under consideration, the feasibility study must follow its way because it tells whether the system is feasible to be designed or not. Feasibility study is done keeping the various factors in front. The system must be economically feasible, technically feasible as well as operationally feasible. It means, if at every aspect the system is feasible to be designed the only system should be kept on development. Hence the feasibility study forms the very basis of a system. A feasibility study is a preliminary investigation of a proposed system to decide whether the system can run smoothly with the organization.

1. **Technical Feasibility:**

The technical feasibility of a system determines whether the technology needed for the proposed system is available and how this technology can be integrated onto the organization. Technical evolution must also assess whether the organization has the expertise to use it.
The following points are taken into consideration:

- The necessary hardware and software resources are available with the organization or not.
- The equipment has the technical capacity to support the desired volume.
- The system is expandable to with respect to the addition of extra modules.

2. **Economic Feasibility:**

The economic feasibility of a system looks upon the financial aspects of the project. It determines whether the investment that goes into the project is recoverable or not. The cost-benefit analysis is a commonly used method in evaluating the effectiveness of the system. As the hardware and software are already available and no investment is to be made in this direction, the only cost involved is that of implementing the system.

3. Operational Feasibility:

There are two aspects of operational feasibility of a system. First is that of the technical performance and other is acceptance. Technical performance determines whether the system can provide correctly and timely information as required by the organizational personnel. Computerizing the existing manual system will ensure that the system provides accurate, up to date and timely information to the users.

Acceptance revolves around the current system and its personnel. The new system will automate the existing system and will make it very user friendly. With minimum required training, user will find the system easy to operate. The system also cut down all the paper work and time delay of existing manual system.

Some other aspects related to operational feasibility are like navigation comfort, overall look & feel, network speed and connectivity, information content and navigation were taken into consideration.

2.3 Objectives of Proposed System:

- To manage the fee transcation details online for student.
- To track the information of student and faculty.
- To manage the information of student.
- To increase efficiency of managing the college detail.
- It deals and monitoring the information of student fee transaction.
- To manage the Transfer certificate of students.
- It also generate timetable,exam schedule.
- It also provides notes.
- The existing system is not user friendly because the retrieval of data is very slow and data is stored manually.
- It require more calculations to generate the report like attendance calculation, percentage calculation etc. so it is generated at the end of the session. Hence requires more time to display the report.
- In this existing system the papers can miss placed and documents can be loss. This will cause extra work for the admin department stuffs.
- Have a security features.
- It is a user-friendly.
- It requires few no of employees.
- It is able to generate different kinds of reports.
- It provides 24*7 services.

2.4 User of System:

1. Student:

- The Student is one of the user of the system where they can perform various type of operation. Students can view attendance report, time table, notes ,exam schedule through online.

2. Teacher:

- The Teacher is one of the user of the system where they can login the site after the admin will added them. Faculty can attendance report, upload notes, timetable, manage students etc.

3. Admin:

- Admin has a full access of the system. Admin can see the details of the student and faculty and can update, delete the existing student and faculty. Admin has an access toadd new faculty in to the college. Admin can see all the details of coursesavailable to the site and also can perform add, update and delete operation of courses. Admin settings provide options to add course details, faculties and view attendance, fee details, setting the fee structure, view exam schedule and grant TC of student etc.

Chapter 3:

Analysis and Design:

3.1 System Requirements (Functional and Non-Functional requirements):

- **Functional Requirements:**

The system will be password-protected. College management will be have a multi-user system where every user must log in.
The system must provide following functionalities:

- Keeping the records of courses.
- Storing the feedback given by the students.
- Keeping the records of students.
- Keeping the records of faculty.
- Keeping the records of Subject.
- Storing the timetable and exam schedule table.

- **Non-Functional requirements:**

• **Reliability:** Reliability is the probability of failure-free software operation for a specified period of time in a specified environment.

• **Maintainability:** Software maintainability is defined as the degree to which an application is understood, repaired, or enhanced.

• **Portability:** Portability saves time and mental overhead for anyone involved in moving new versions of the software across environments.

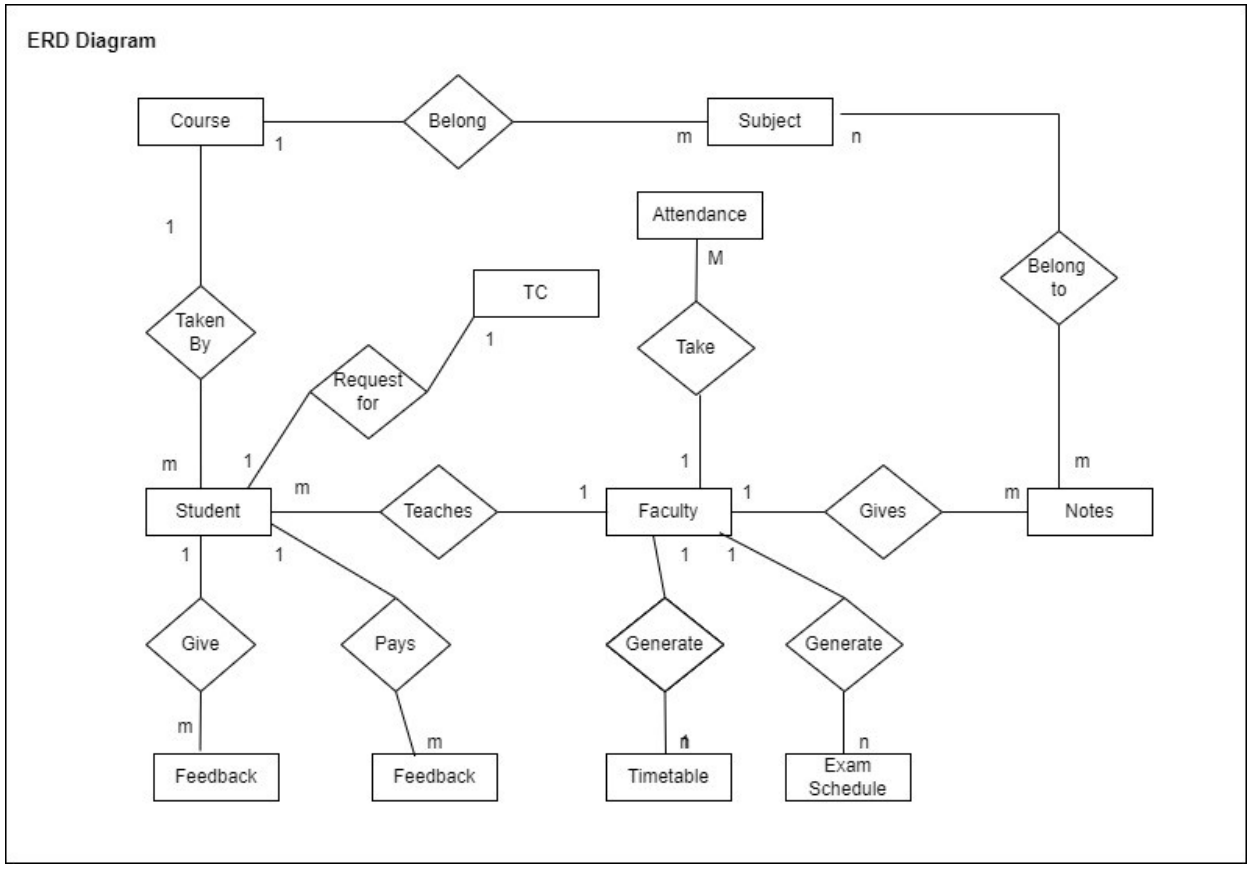
• **Extensibility:** Extensibility is the capability to extend and enhance a BI application or data model.

• **Reusability:** The systematic use of existing software assets to construct new or modified assets.

• **Application Affinity / Compatibility:** Software is compatible in any browser and in any device, which has access to Internet.

• **Resource utilization:** Optimal resource utilization which allows project managers to foresee resource availability across multiple categories.

3.2 Entity Relationship Diagram (ERD) :



3.3 Table Structure:

Admin Table

Field	Type(Size)	Constraint	Description
adminid	int(10)	Primary key	adminid
adminname	varchar(50)	Not null	adminname
loginid	varchar(25)	Not null	loginid
password	varchar (100)	Not null	password
usertype	varchar(15)	Not null	usertype
status	varchar (10)	Not null	status

Faculty Table

Field	Type(Size)	Constraint	Description
facultyid	int(100)	Primary key	facultyid
facultyname	varchar(50)	Not null	facultyname
password	varchar(30)	Not null	password
emailid	varchar(255)	Not null	emailid
contactno	varchar(15)	Not null	contactno
gender	varchar(10)	Not null	gender
img	varchar(100)	Not null	img
status	varchar(10)	Not null	status

Notes Table

Field	Type(Size)	Constraint	Description
notesid	int(10)	Primary key	notesid
subjectid	int(10)	Foreign key	subjectid
notestittle	varchar(100)	Not null	notestittle
notes	text	Not null	notes
document	varchar(100)	Not null	document
status	varchar(10)	Not null	status

Fee_payment table

Field	Type(Size)	Constraint	Description
fees_payment_id	bigint(20)	Primary key	fees_payment_id
studentid	bigint(20)	Foreign key	studentid
courseid	bigint(20)	Foreign key	courseid
semesterid	bigint(20)	Not Null	semesterid
payment_date	date	Not Null	payment_date
total_amt	double	Not null	total_amt
paid_amt	double	Null	paid_amt
payment_detail	text	Not null	payment_detail

Fee_setting table

Field	Type(Size)	Constraint	Description
fees_setting_id	bignit(20)	Primary key	fees_setting_id
courseid	bignit(20)	Foreign key	courseid
semesterid	int(11)	Not Null	semesterid
fees_type	varchar(255)	Not Null	fees_type
fees_amt	double	Not null	fees_amt
fees_status	varchar(15)	Not null	fees_status

Feedback

Field	Type(Size)	Constraint	Description
feedbackid	int(10)	Primary key	feedbackid
studentid	int(10)	Foreign key	studentid
facultyid	int(10)	Foreign key	facultyid
subjectid	int(10)	Foreign key	subjectid
feedback	text	Not null	feedback
rating	float(10,1)	Not null	rating
feedbackdate	date	Not null	feedbackdate
status	varchar(10)	Not null	status

Attendance table

Field	Type(Size)	Constraint	Description
attendanceid	int(10)	Primary key	attendanceid
attendancetype	varchar(10)	Not null	attendancetype
studentid	int(10)	Foreign key	studentid
subjectid	int(10)	Foreign key	subjectid
attendancedate	date	Not null	attendancedate
remark	text	Not null	remark
status	varchar(10)	Not null	status

Course table

Field	Type(Size)	Constraint	Description
courseid	int(10)	Primary key	courseid
course	varchar(24)	Not null	course
coursedescription	text	Not null	coursedescription
status	varchar(10)	Not null	status

Exam Schedule

Field	Type(Size)	Constraint	Description
examid	int(10)	Primary key	examid
courseid	int(10)	Foreign key	courseid
semester	int(10)	Not null	semester
subjectid	int(10)	Foreign key	subjectid
examdttim	datetime	Not null	examdttim
examtype	varchar(25)	Not null	examtype
note	text	Not null	note
status	varchar(10)	Not null	status

Student table

Field	Type(Size)	Constraint	Description
studentid	int(10)	Primary key	studentid
courseid	int(10)	Foreign key	courseid
semesterid	int(10)	Not null	semesterid
studentname	varchar(50)	Not null	studentname
gender	varchar(10)	Not null	gender
img	varchar(100)	Not null	img
password	varchar(30)	Not null	password
emailid	varchar(255)	Not null	emailid
address	text	Not null	address
contactno	varchar(15)	Not null	contactno
status	varchar(10)	Not null	status

Subject table

Field	Type(Size)	Constraint	Description
subjectid	int(10)	Primary key	subjectid
subject	varchar(40)	Not null	subject
courseid	int(10)	Foreign key	courseid
semesterid	int(11)	Not null	semesterid
subjectdescription	text	Not null	subjectdescription
status	varchar(10)	Not null	status
syllabus	varchar(100)	Not null	syllabus

Timetable table

Field	Type(Size)	Constraint	Description
timetableid	int(10)	Primary key	timetableid
courseid	int(10)	Foreign key	courseid
semesterid	int(10)	Not null	semesterid
subjectid	int(10)	Foreign key	subjectid
faculties	varchar(50)	Not null	faculties
day	varchar(15)	Not null	day
ftime	time	Not null	ftime
ttime	time	Not null	ttime
Status	varchar(10)	Not null	Status

Transfer_certificate table

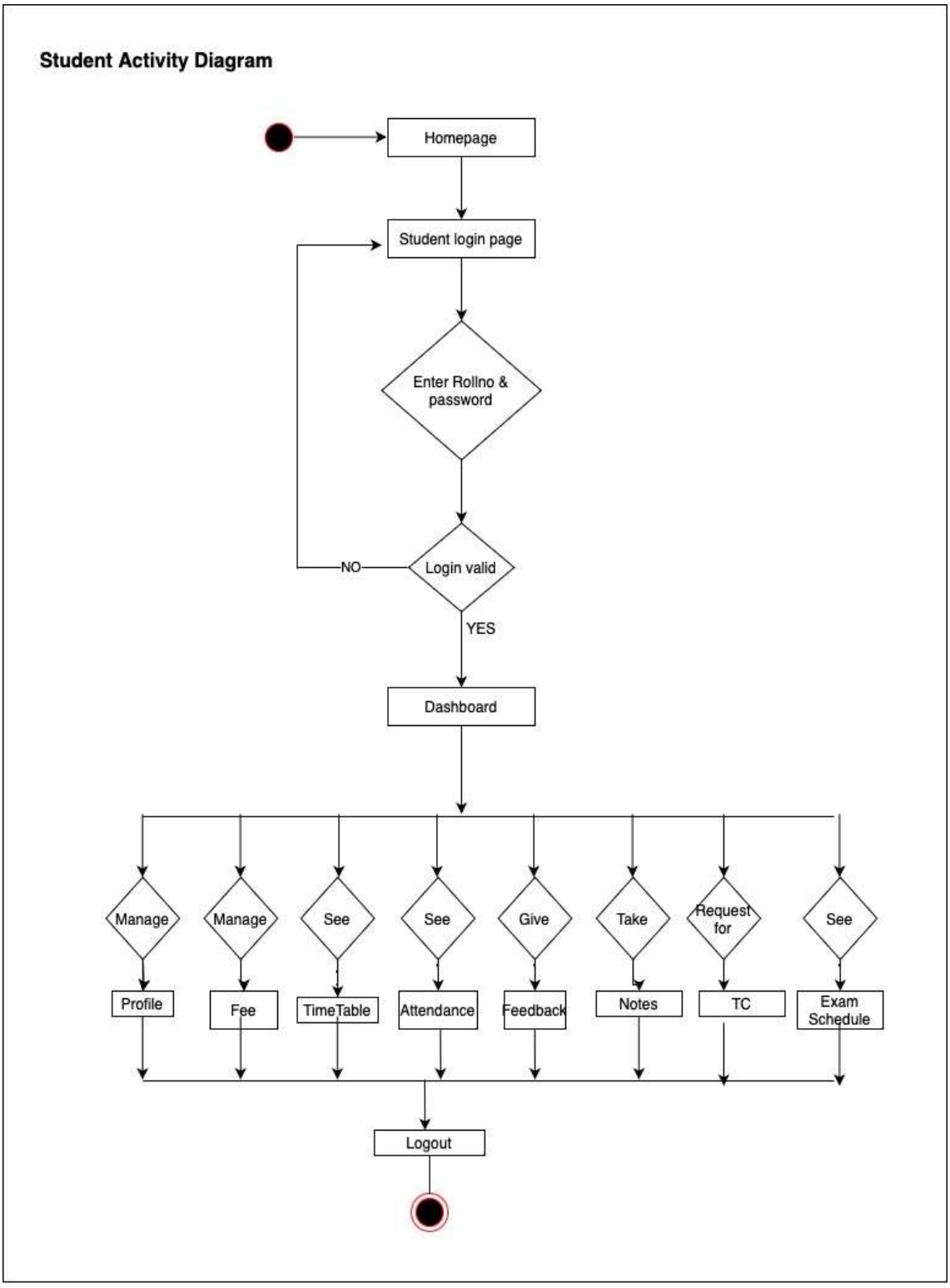
Field	Type(Size)	Constraint	Description
transfer_certificate_id	bignit(20)	Primary key	transfer_certificate_id
studentid	bignit(20)	Foreign key	studentid
request_date	date	Null	request_date
date_of_leaving	date	Null	date_of_leaving
tc_reason	varchar(255)	Null	tc_reason
tc_date	date	Null	tc_date
general_conduct	varchar(255)	Null	general_conduct
student_message	text	Not null	student_message
staff_message	text	Null	staff_message
tc_status	varchar(15)	Null	tc_status

3.4 Use Case Diagrams:

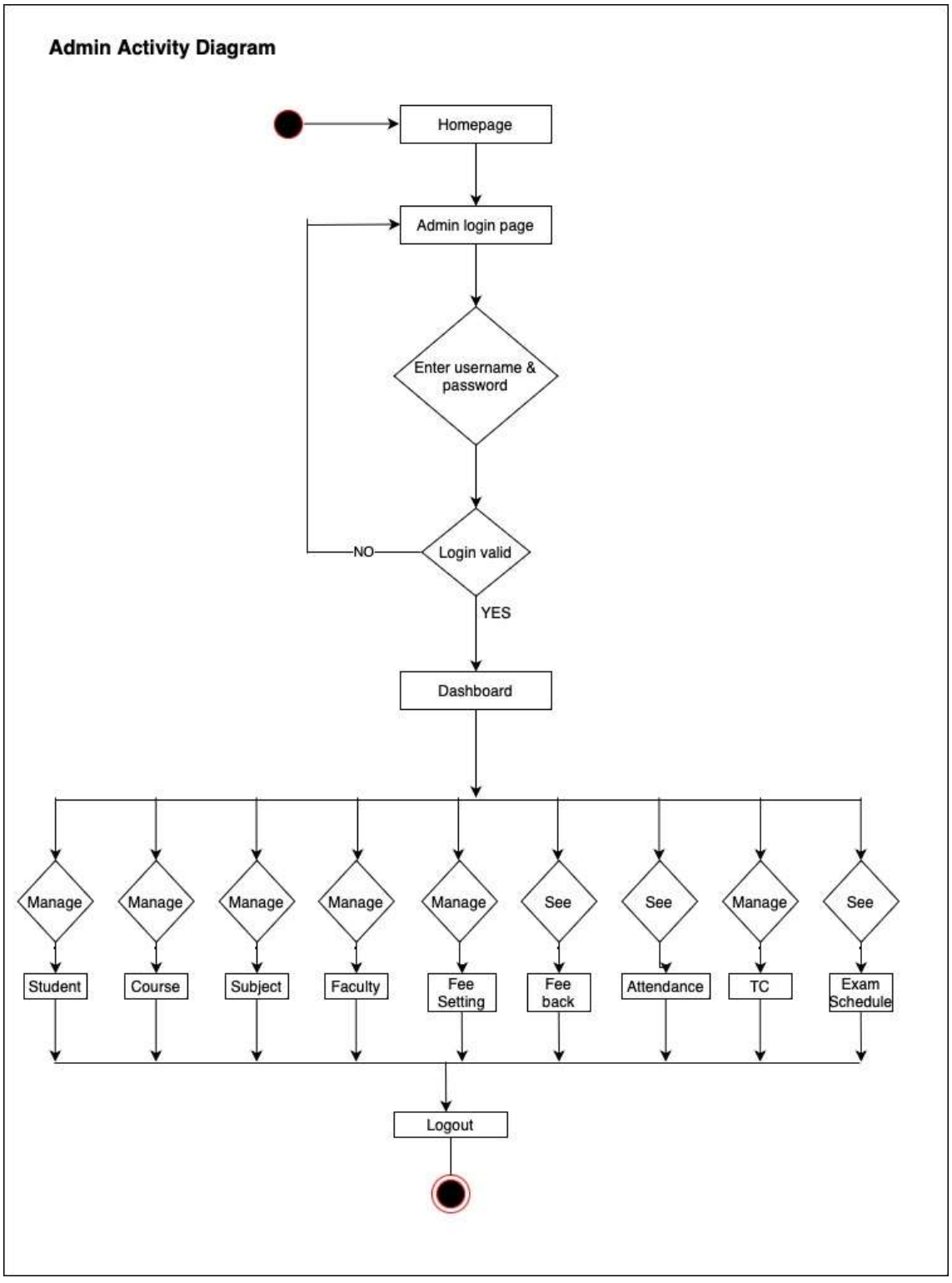
3.5 Class Diagram:

3.6 Activity Diagram:

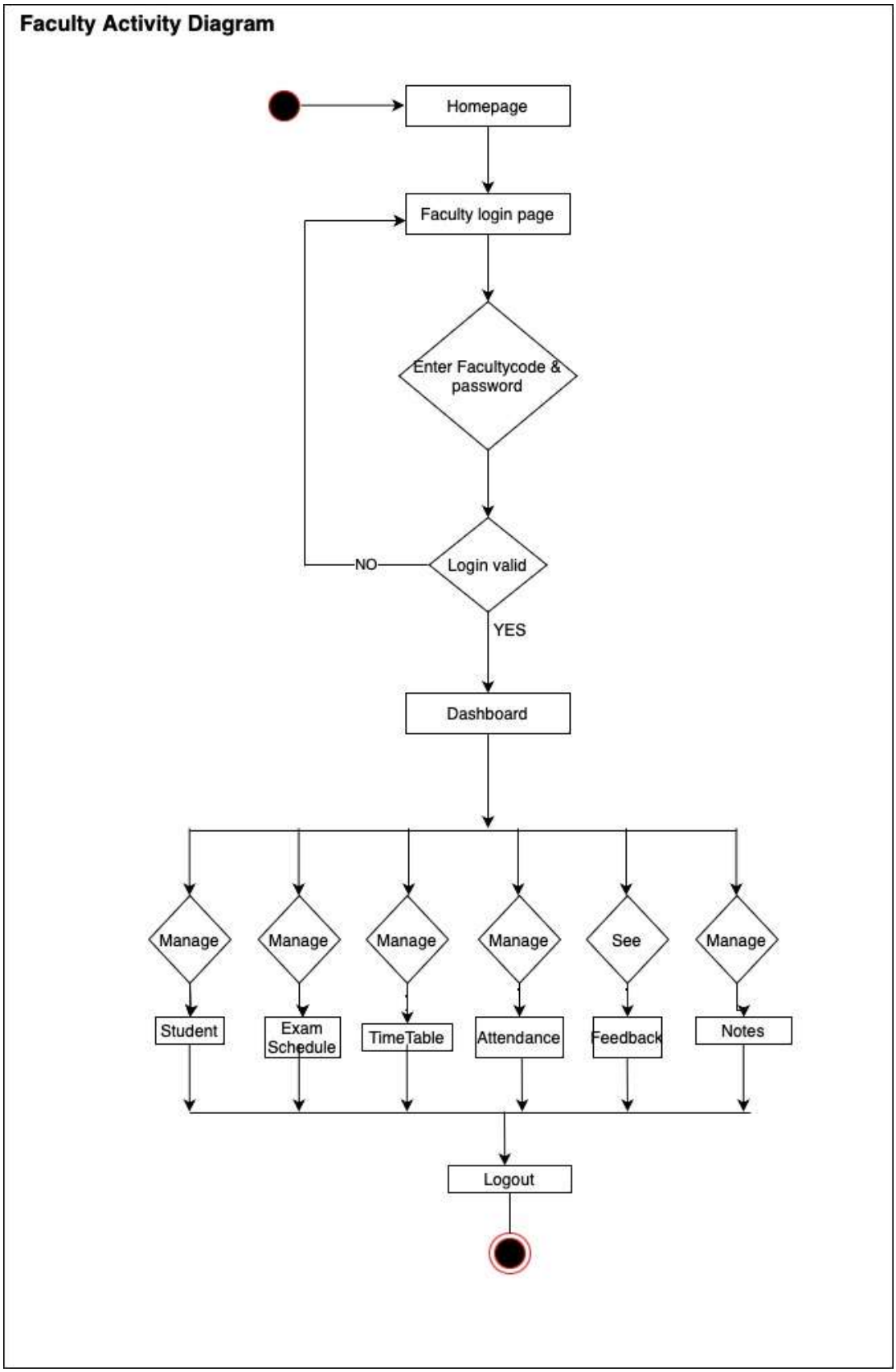
Student Activity Diagram:



Admin Activity Diagram:

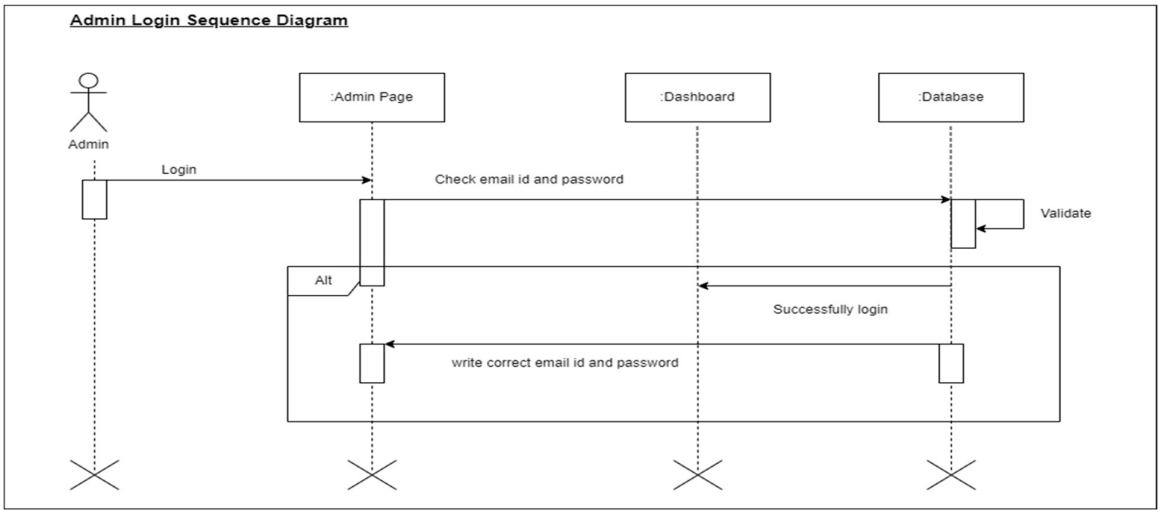


Faculty Activity Diagram

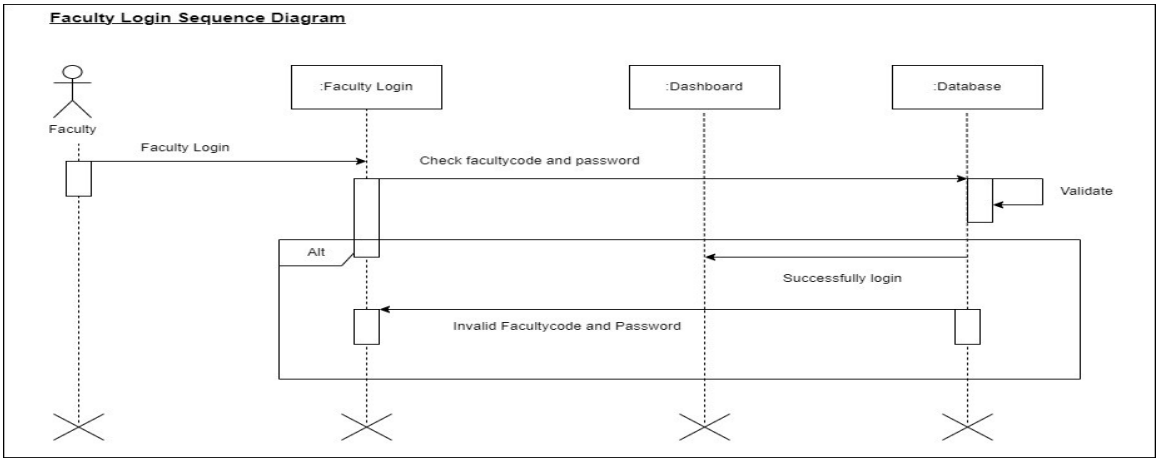


3.7 Sequence Diagram

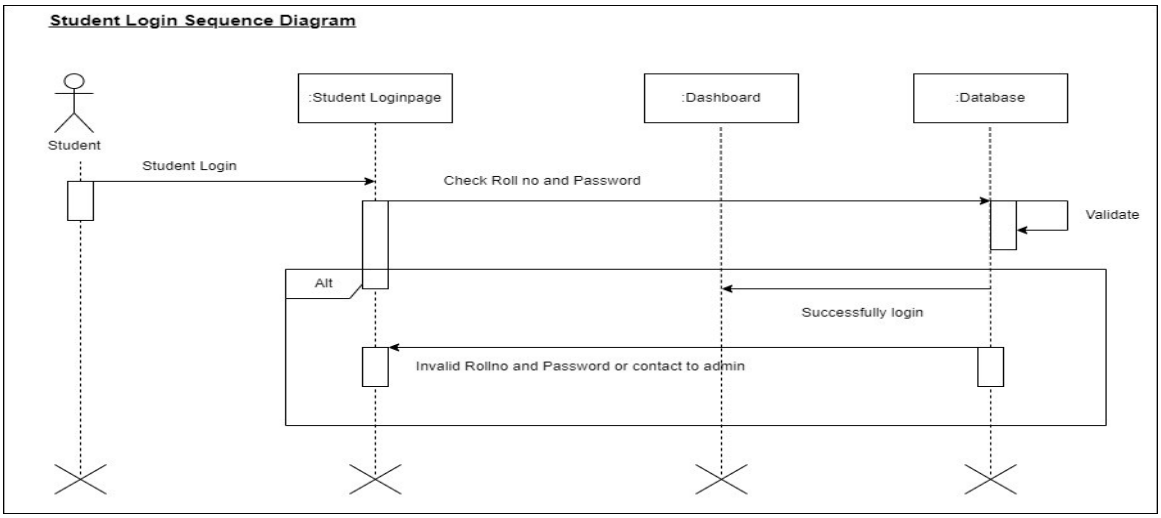
Admin Login Sequence



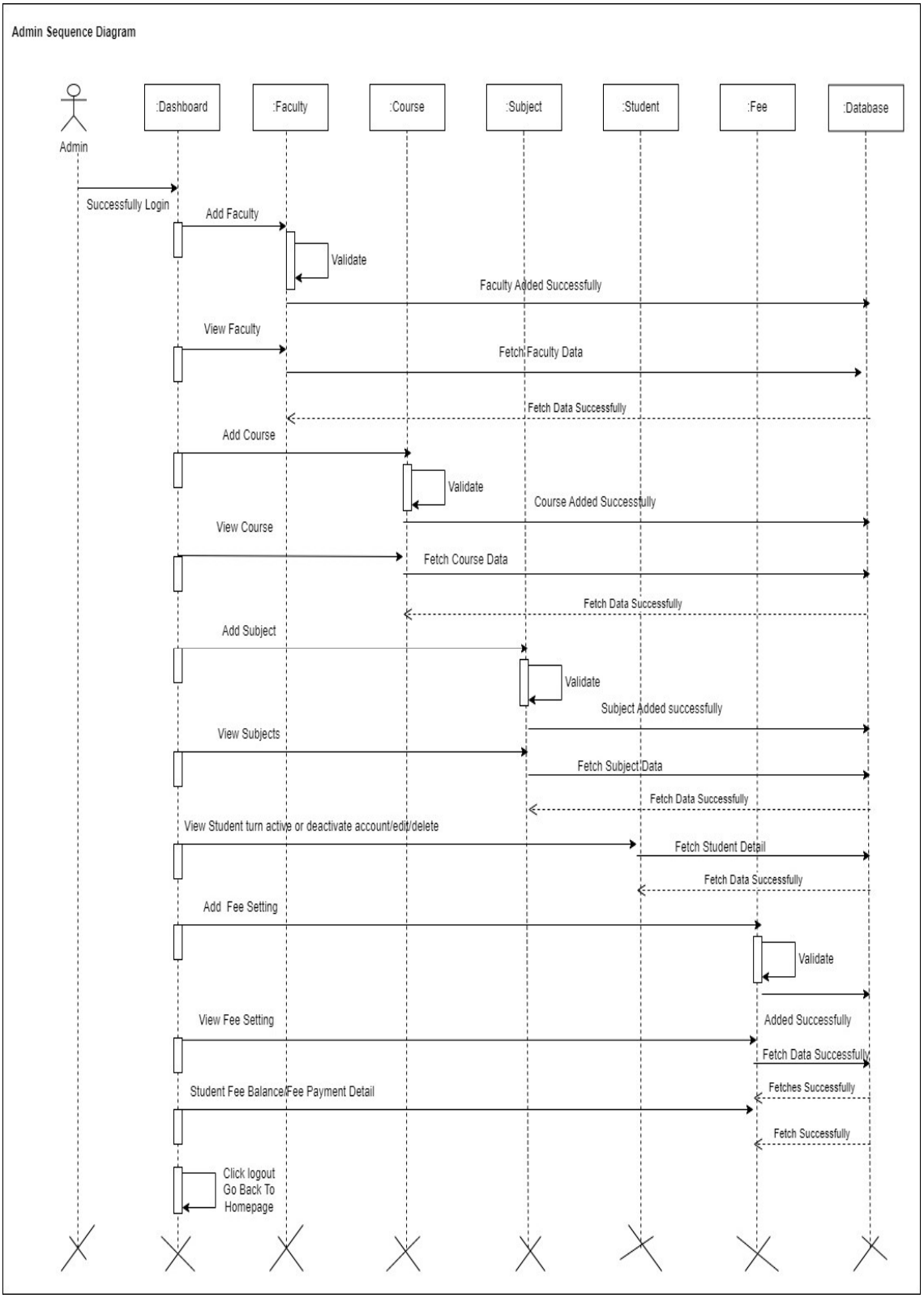
Faculty Login Sequence



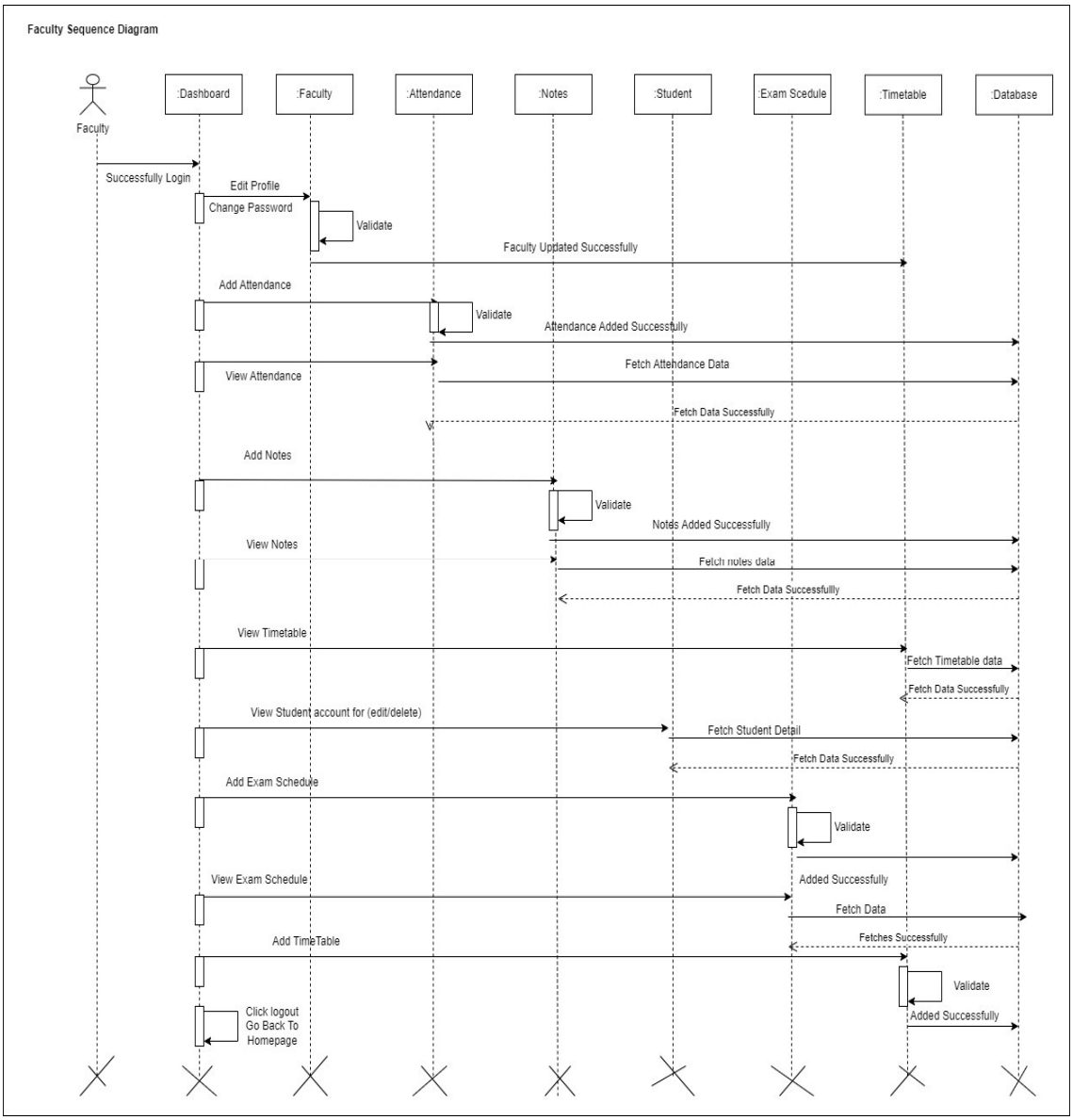
Student Login Sequence



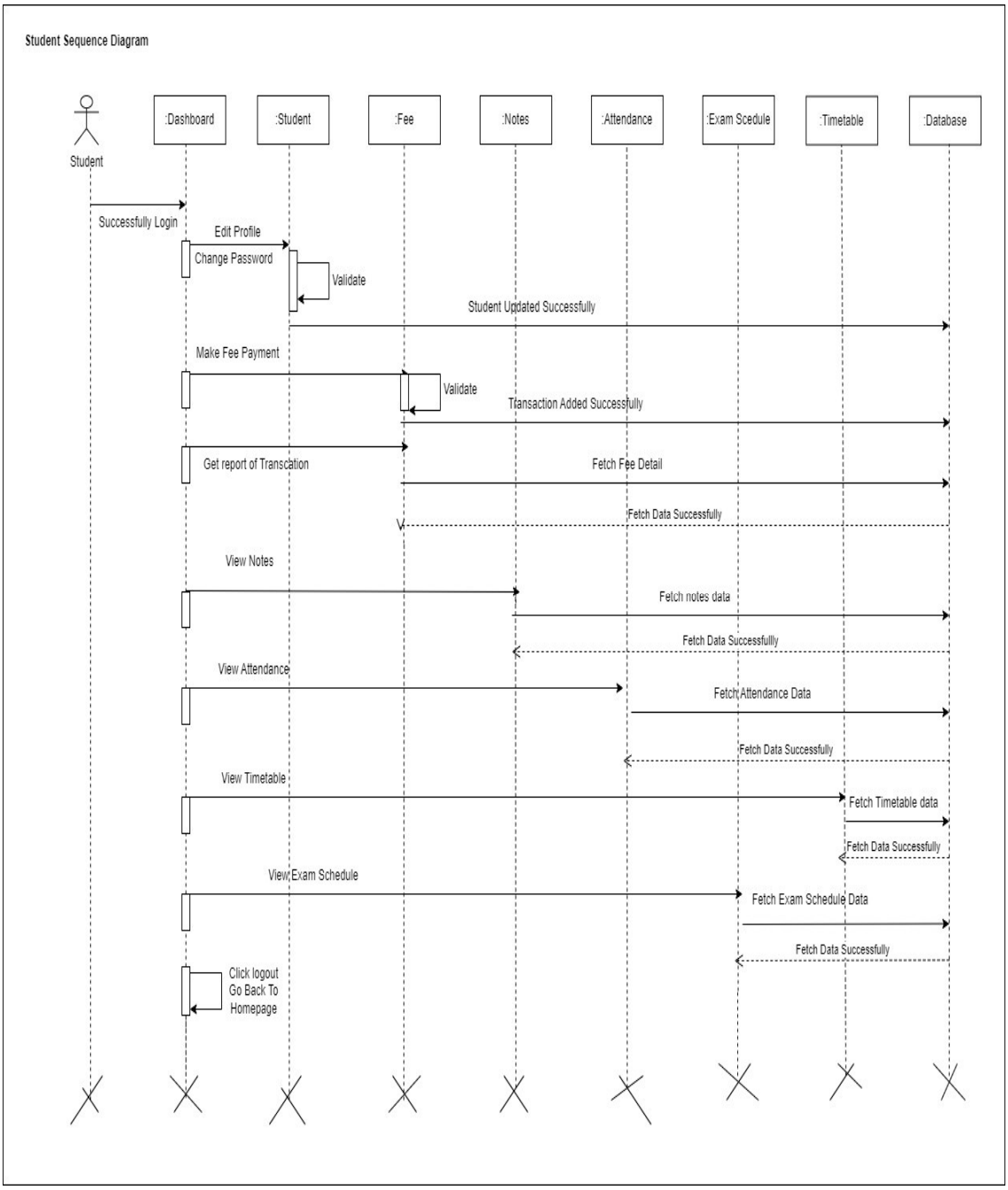
Admin Sequence after successful login



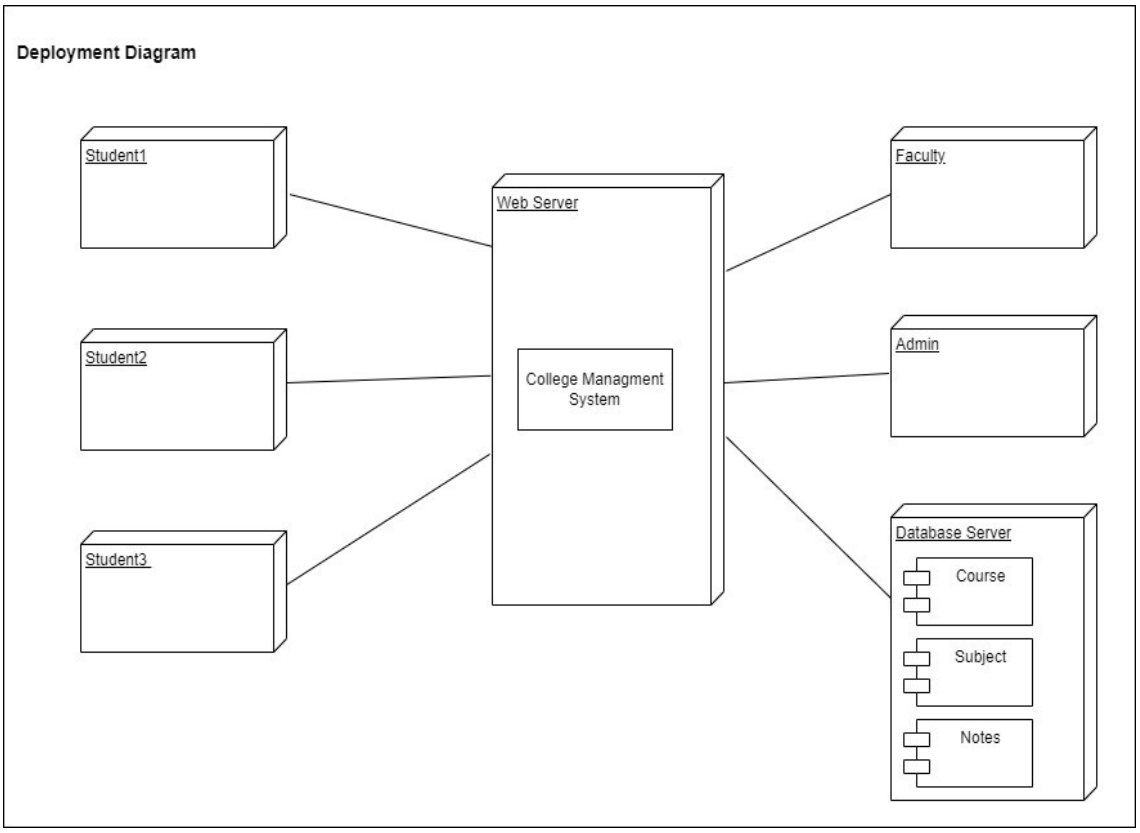
Faculty Sequence Diagram



Student Sequence Diagram

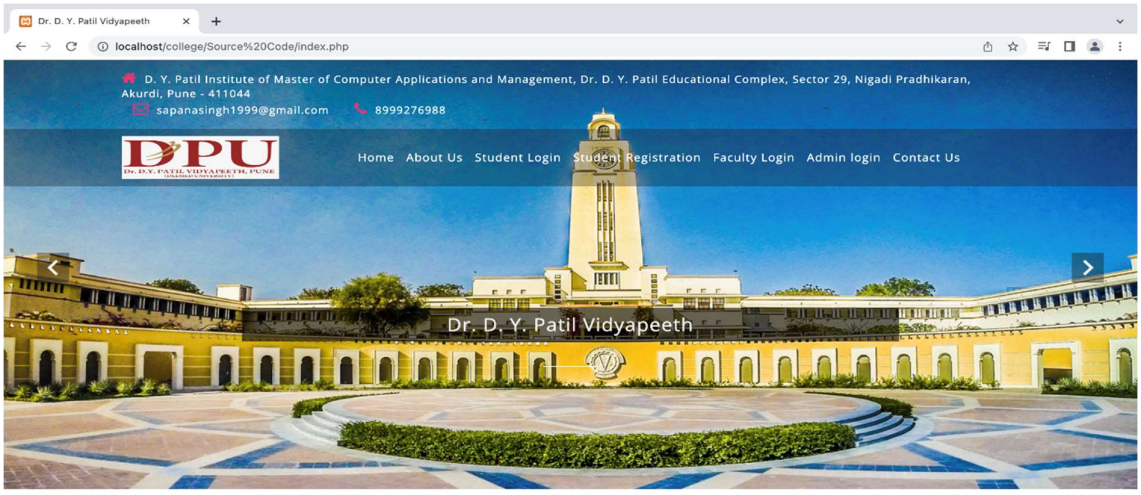


3.6 Deployment Diagram:



Sample Input and Output Screen

Homepage

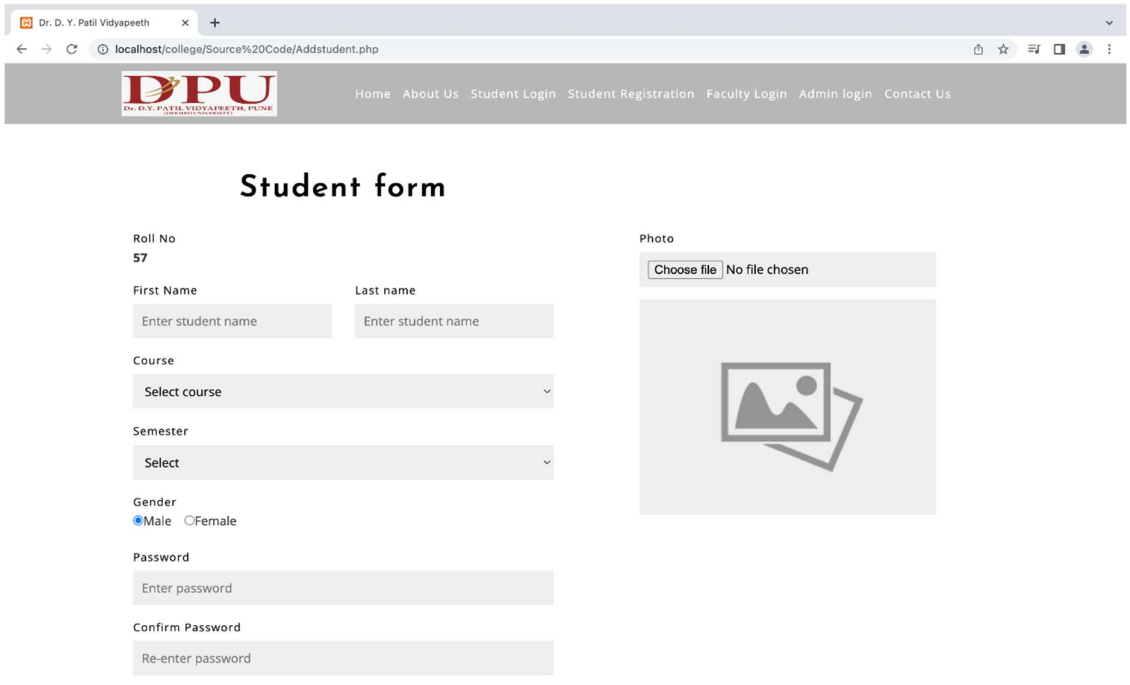


Vision

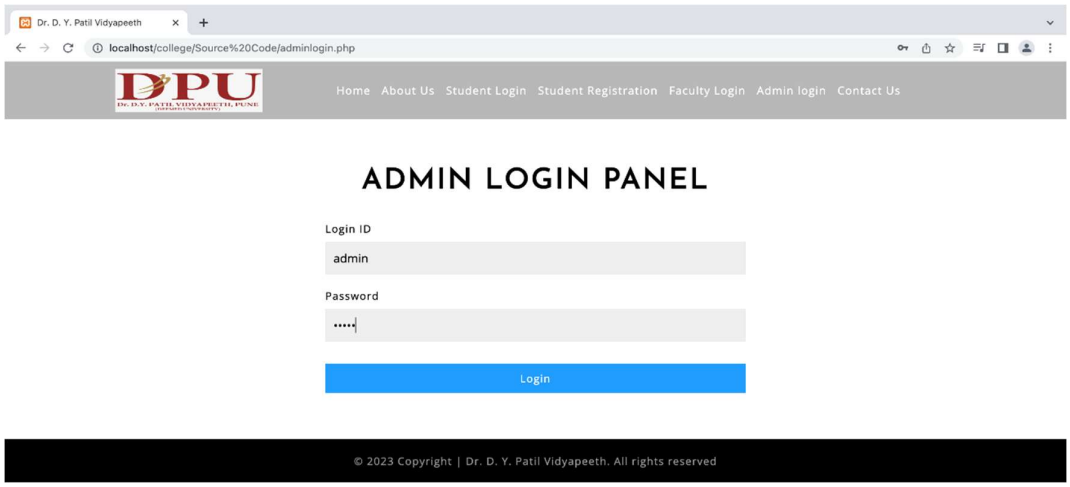
To be a leading university recognised for education, inspired teaching, research, and collaboration for making leaders and entrepreneurs.

localhost/college/Source Code/index.php#

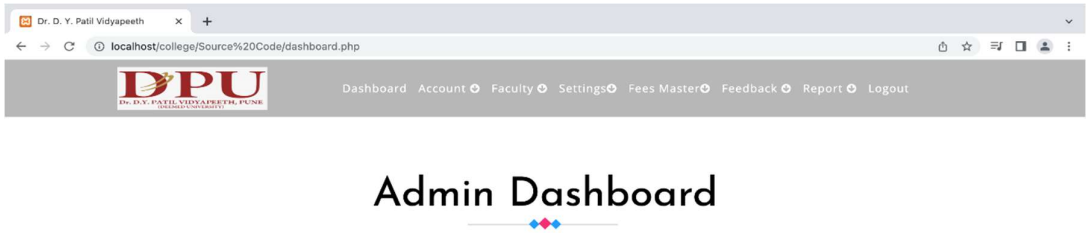
Student Registration



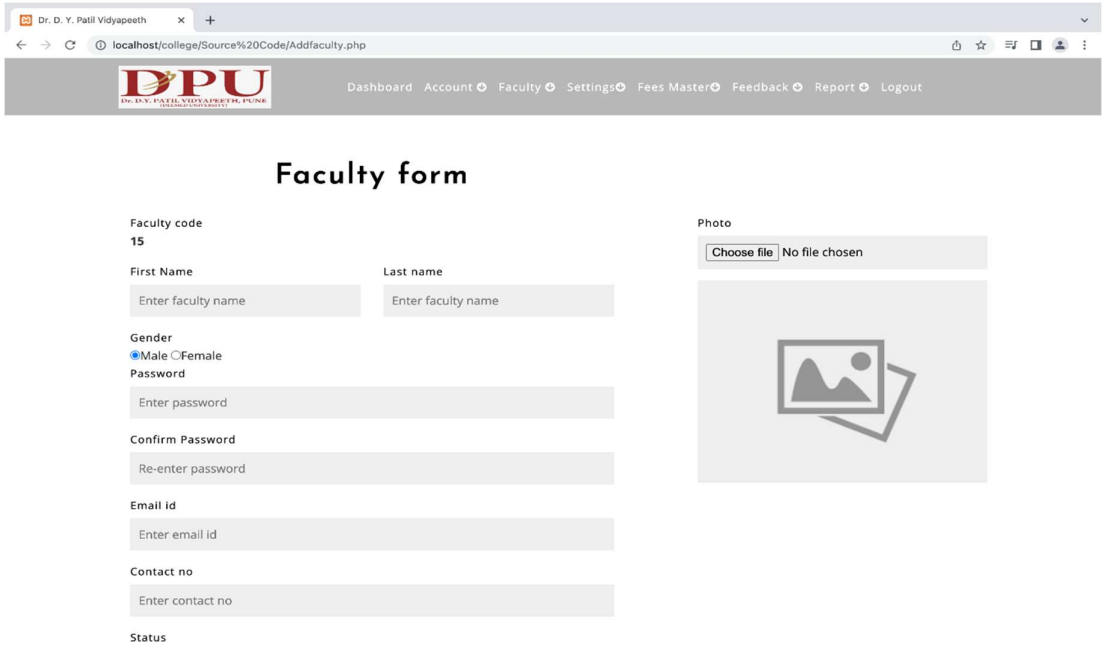
Admin Login



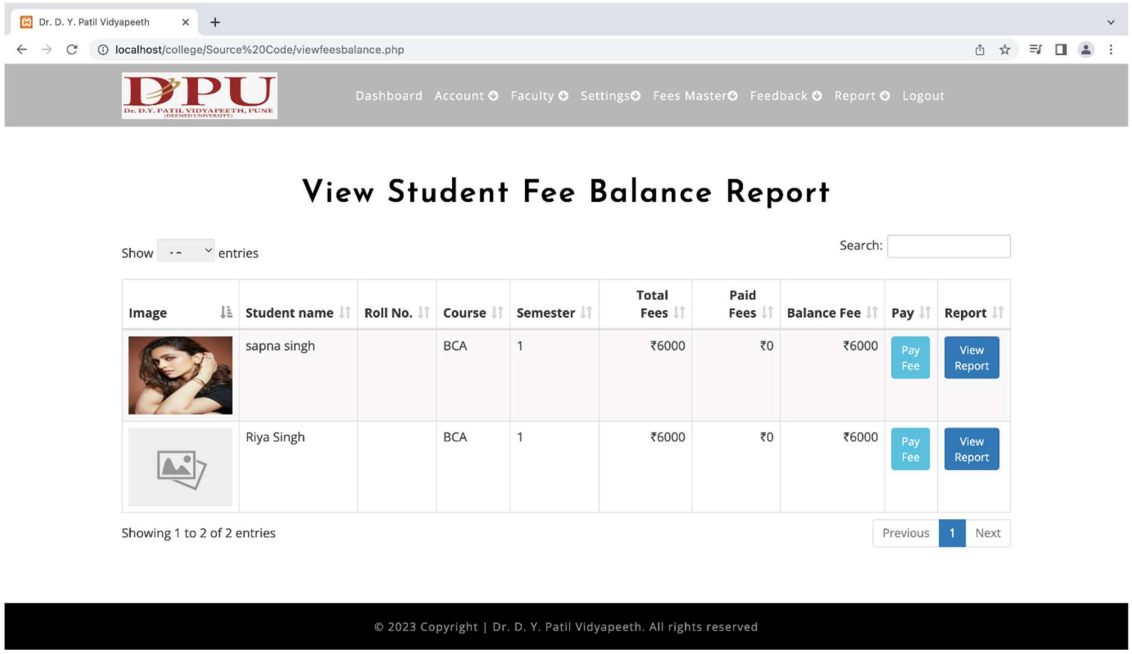
Admin Dashboard



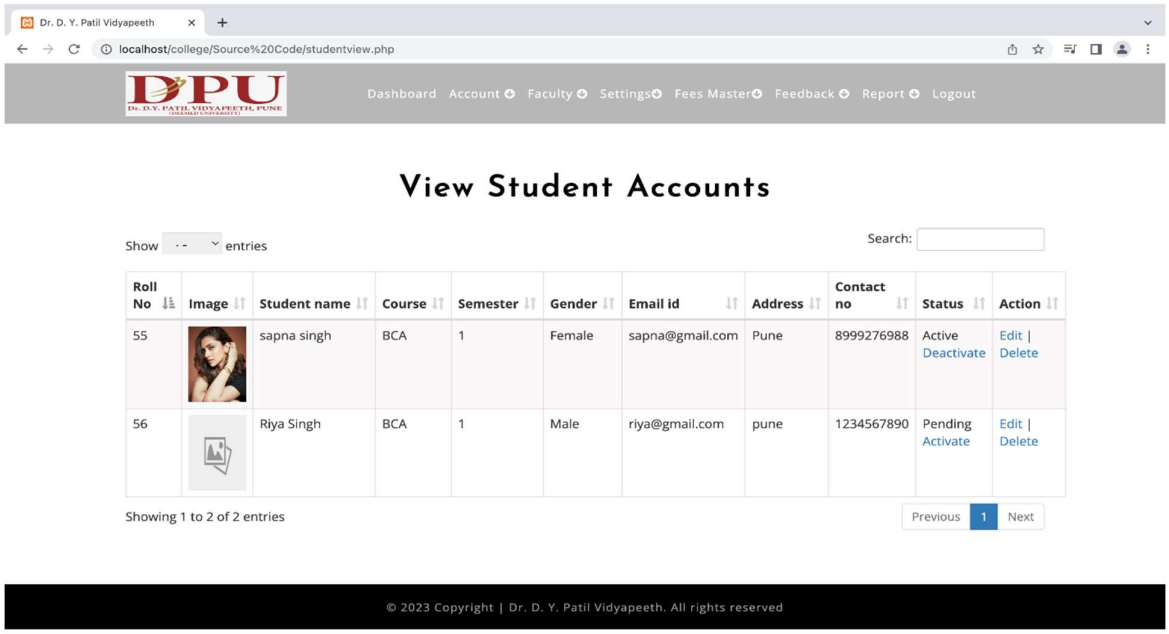
Add Faculty



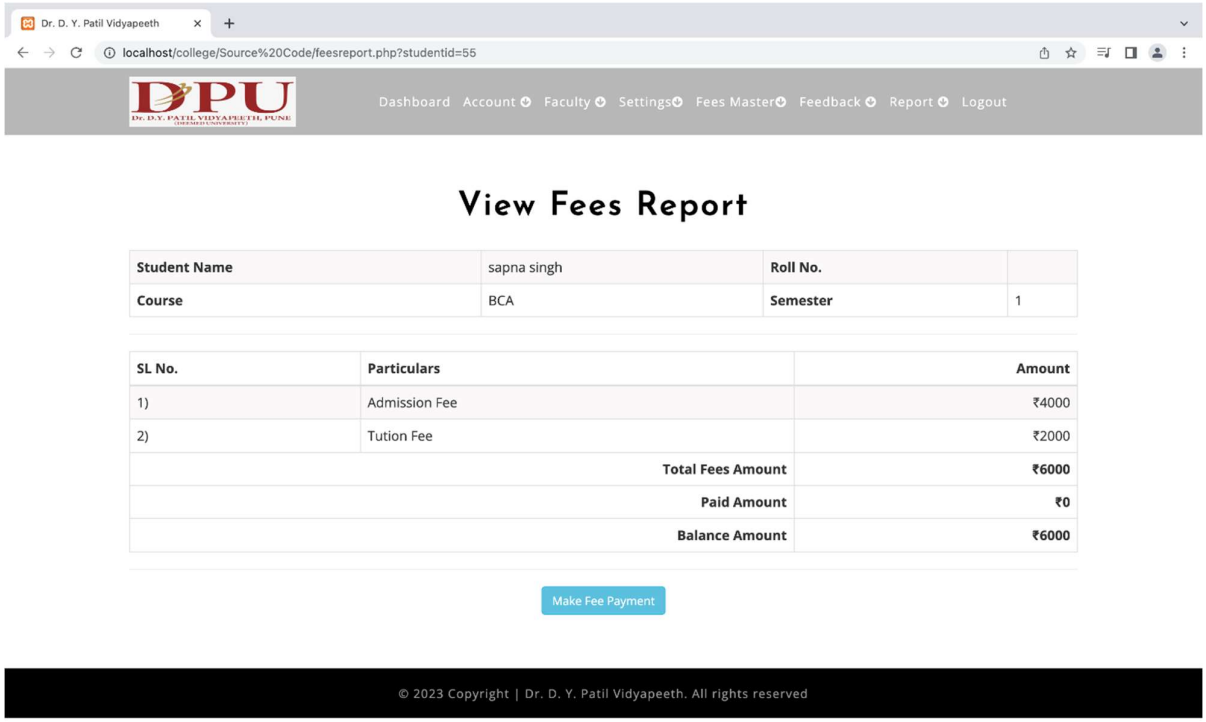
View fee balance report

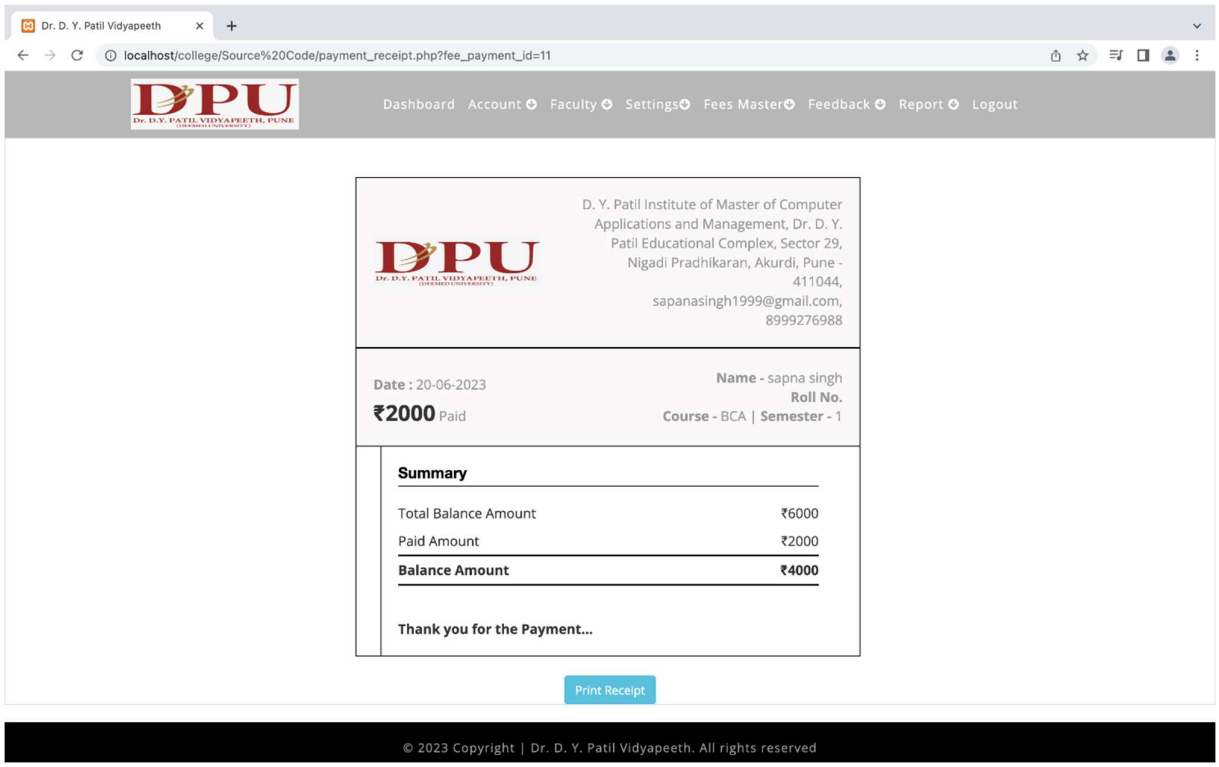


View student account

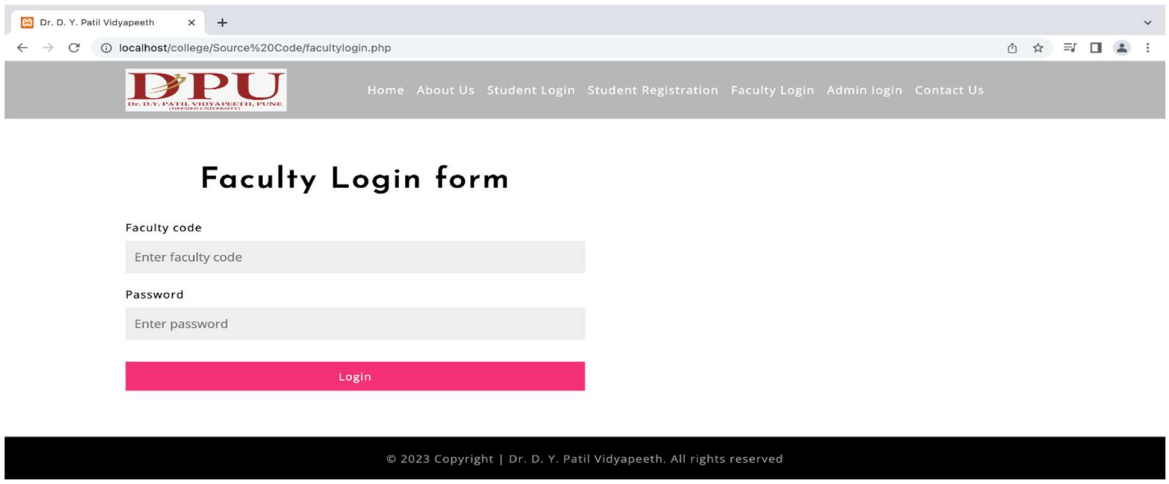


View fee report

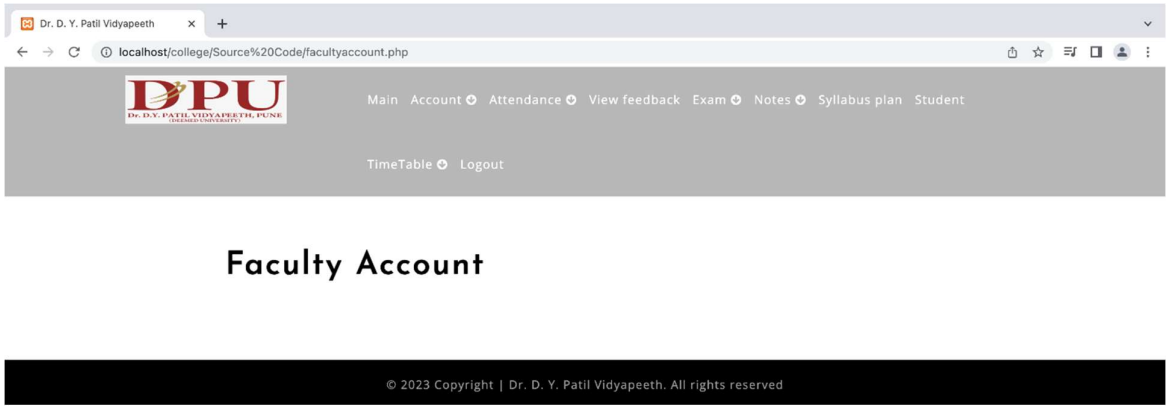




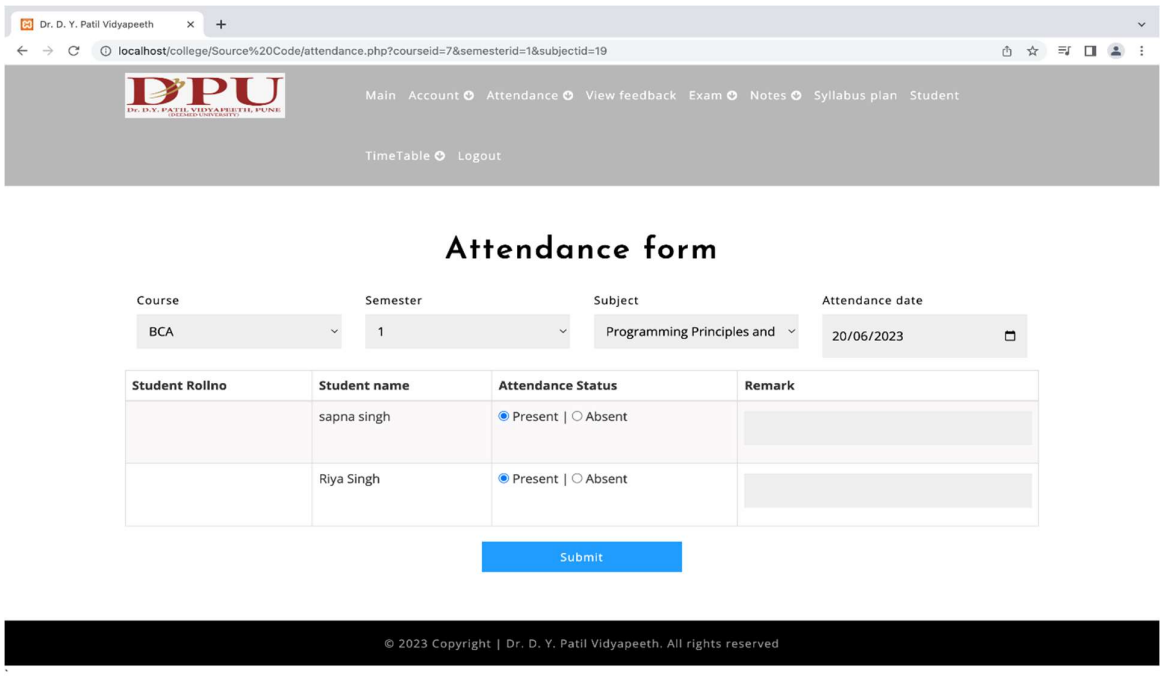
Faculty login



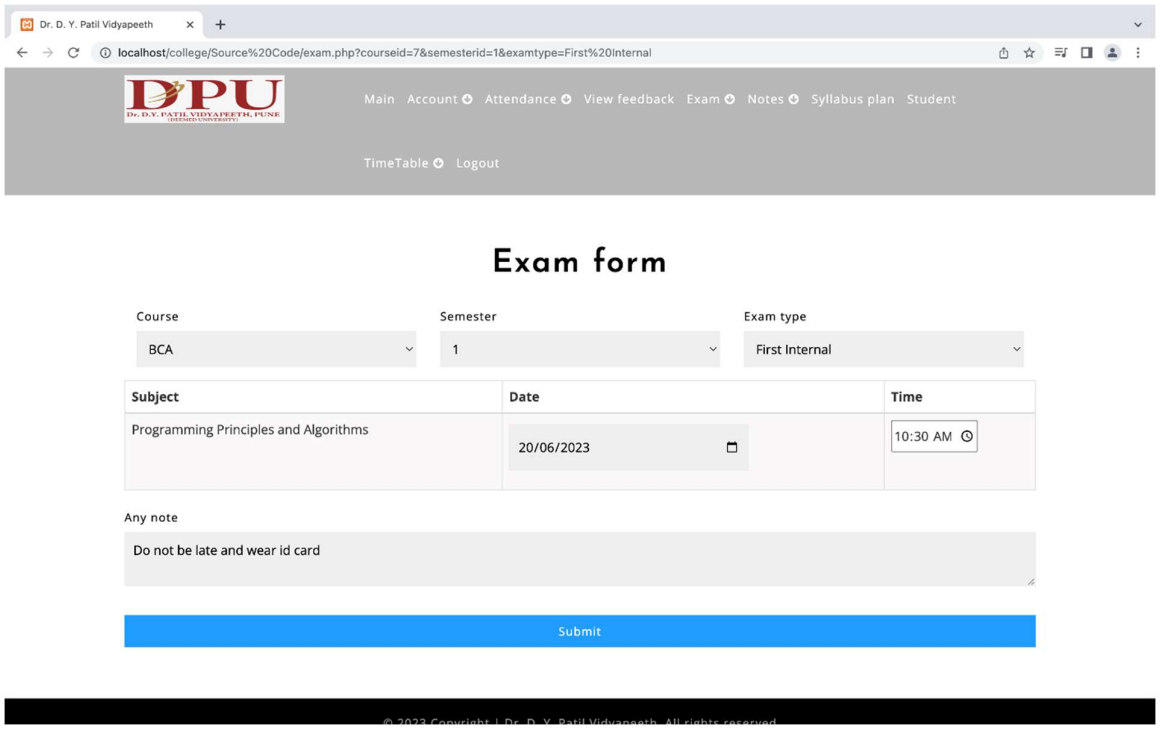
Faculty dashboard



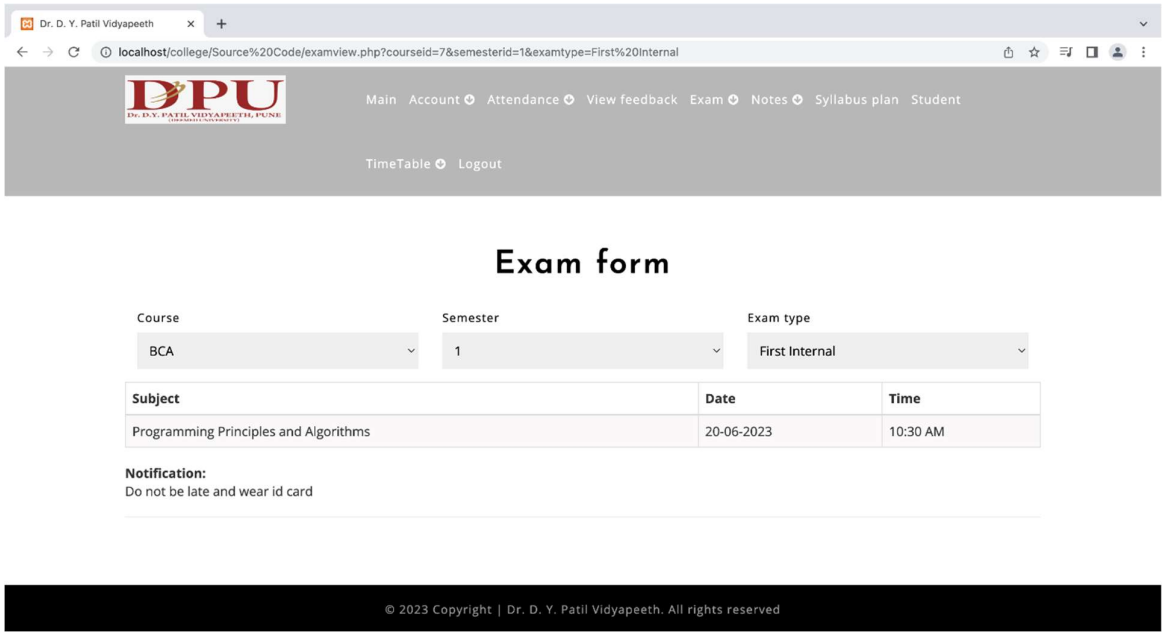
Add Attendance



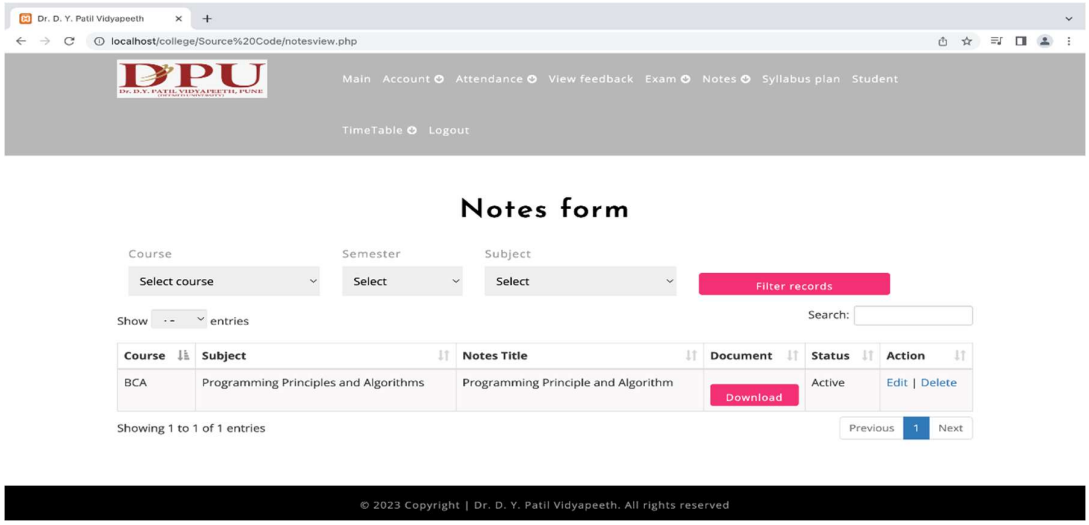
Add Exam Schedule



View exam schedule



View notes


Dr. D. Y. Patil Vidyapeeth
localhost/college/Source%20Code/notesview.php
Main Account Attendance View feedback Exam Notes Syllabus plan Student
TimeTable Logout
Notes form
Course
Select course
Semester
Select
Subject
Select
Filter records
Show - - entries
Search:
Course
Subject
Notes Title
Document
Status
Action
BCA
Programming Principles and Algorithms
Programming Principle and Algorithm
Download
Active
Edit | Delete
Showing 1 to 1 of 1 entries
Previous 1 Next
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Chapter 5: Testing

Software testing is a process used to identify the correctness, completeness and quality of developed computer software. It includes a set of activities conducted with the intent of finding errors in software so that it could be corrected before the product is released to the end users. In other word software testing is an activity to check that the software system is defect free.
Software testing is primarily a broad process that is composed of several interlinked processes. The primary objective of software testing is to measure software health along with its completeness in terms of core requirements. Software testing involves examining and checking software through different testing processes.
The objectives of these processes can include:

- Completeness - Verifying software completeness in regards to functional/business requirements.
- Errors Free - Identifying technical bugs/errors and ensuring the software is error-free.
- Stability - Assessing usability, performance, security, localization, compatibility and installation.

This phase determines the error in the project. If there is any error then it must be removed before delivery of the project.

5.1 Test Strategy:

- The application will go through rigorous testing.
- Each module of the application will be tested to ensure that the application is working properly.
- Data Validations will be tested in each module.
- User-Interface will be tested to ensure that the application is working properly
- Database connectivity will be tested to ensure that the data is correct with respect to each module of the application.

5.2 Unit Test Plan:

- All the units of the project to be tested individually.
- Data validations will be checked in each module.
- The database connectivity will be checked in all the units of the project.
- Each individual unit will be checked properly.

5.3 Acceptance Test Plan:

- The end user will be given the application to be tested.
- The application will be go through tests conducted by the end user.
- Each module of the project will be test by the end user to ensure that the application is working properly.

5.4 Test Case:

- **College management system Test Cases for Admin**

Test Case Id :- admin_CMS 1(B)
Test Case description:- Admin test case
Test priority :- High
Pre-condition :– N/A
Test Data :- Username-admin
Pass=admin

S.no	Action	Inputs	Expected Result	Actual Result	Status
Tc01	i)Login	Username-admin Pass=admin	Admin redirect toDashboard.	Admin redirect to Dashboard.	Pass
Tc02	i)Login	Username-admin Pass=admin	Admin redirect toDashboard.	Check with database and display message admin username or password isincorrect.	Fail
Tc03	i)Login ii)Click on profile	Username-admin Pass=admin	After login admin should see the own profile.	After login user Should see the own profile.	Pass
Tc04	i)Login ii)Click on profile	Username-admin Pass=admin	After login admin should see the own profile.	After login admin should not see the own Profile because admin profile functionality not created.	Fail
Tc05	i)Login ii)Click on Faculty.	Username-admin Pass=admin	Admin has option to add new Faculty in college.	Admin has option to add new Facultyin college.	Pass
Tc06	i)Login ii)Click on Faculty.	Username-admin Pass=admin	Admin has option to add new Faculty in college.	Admin has no option to add new Faculty in college.	Fail
Tc07	i)Login ii)Click on faculy. iii)Click on add faculty	Username-admin Pass=admin	Admin should enter only alphabet in faculty first name and last name. Admin should enter password more than 6 character.	Admin should enter only alphabet in faculty first name and last name. Admin should enter password more than 6 character.	Pass

S.no	Action	Inputs	Expected Result	Actual Result	Status
Tc08	i)Login ii)Click on Faculty. iii)Click on add faculty	Username-admin Pass=admin	Admin should enter only alphabet in faculty first name and last name. Admin should enter password more than 6 character.	Admin shouldn't enter alphabet in faculty first name and last name. Admin shouldn't enter password more than 6 character.	Fail
Tc09	i)Login ii)Click on faculty. iii)click on view faculty	Username-admin Pass=admin	Admin will view all faculty. Also Admin have delete option too.	Admin will view all faculty. Also Admin have delete option too.	Pass
Tc10	i)Login ii)Click on faculty. iii)click on view faculty	Username-admin Pass=admin	Admin will view all faculty. Also Admin have delete option too.	It will not showing a list of faculty. Also it was not showing faculty we can't delete too.	Fail
Tc11	i)Login ii)Click on setting.	Username-admin Pass=admin	Admin has option To Add course, View Course, Add Subject, View Subject.	Admin has option To Add course, View Course, Add Subject, View Subject.	Pass
Tc12	i)Login ii)Click on setting.	Username-admin Pass=admin	Admin has option To Add course, View Course, Add Subject, View Subject	Not shown option To Add course, View Course, Add Subject, View Subject	Fail
Tc13	i)Login ii)click on fee setting.	Username-admin Pass=admin	Admin has a option of to see balance fee, fee payment, also add fee settings and view fee settings.	Admin has a option of to see balance fee, fee payment, also add fee settings and view fee settings.	Pass
Tc13	i)login ii)click on feedback	Username-admin Pass=admin	Able to show all feedback related to subject and faculty.	Able to show all feedback related to subject and faculty.	Pass
Tc14	i)login ii)click on feedback	Username-admin Pass=admin	Able to show all feedback related to subject and faculty.	Unable to show all feedback related to subject and faculty.	Fail

S.no	Action	Inputs	Expected Result	Actual Result	Status
Tc15	i)Login ii)Click on Settings. iii)Click on add course.	Username-admin Pass=admin	Admin should add course. Course name should be alphabet. Course description should be text.	Admin should add course. Course name should be alphabet. Course description should be text.	Pass
Tc16	i)Login ii)Click on Settings. iii)Click on add course.	Username-admin Pass=admin	Admin should add course. Course name should be alphabet. Course description should be text.	Admin shouldn't able to add course.	Fail

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Reviewed By:-Ms.Pratiksha savade

Date: - 17-june-2023

Approved By: - Prof. Hidyatulla Pirjade

Chapter 6:
Limitation:

- The system requires knowledgeable person for effective handling.
- The system does not cover the online salary of pay of faculty.
- This system doesn't provide library management facility.
- The system is web-based application, so internet facility is required.
- For data storage large number of memory is used by the system on the web.

Chapter 9:

Bibliography:

The following reference has been used to develop the project "College Management": -

- www.google.com
- www.wikipedia.org
- www.php.net
- www.stackoverflow.com
- www.getbootstrap.com
- www.fontawesome.com
- www.tutorialpoint.com
- www.geeksforgeeks.com
- www.w3schools.com