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**ARTS, SCIENCE AND COMMERCE COLLEGE**  
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**A PROJECT REPORT ON**

**"Digital Notice Board"**

FOR

**VIDYA PRATISHTAN'S**  
**ARTS, SCIENCE AND COMMERCE COLLEGE, BARAMATI.**

SUBMITTED TO

UNIVERSITY OF PUNE

BY

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YEAR 2022-23



**Vidya Pratishtan's**  
**Arts, Science & Commerce College**

**CERTIFICATE**

This is to certify that **Kale Ranjit Gajanan** has completed the project report entitled “**Digital Notice Board**” as fulfilment of Project for Semester - VI Bachelors in Computer Science.

(Project Guide)

(HOD)

(Internal Examiner)

(External Examiner)

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## **ABSTRACT**

Digital Notice Board System website is used is to display notices to student posted by teacher. Student can read the notice. By using this application, we can maintain notice records of various classes.

Primary task of this project is store the teacher and student information into database and only notice teacher can post notices.

By this application teachers can easily communicate with students and vice versa.

# **INTRODUCTION OF** **ONLINE BLOOD DONATING SYSTEM**

## **Motivation**

- In this era, almost everything is digital except few things like notice boards.
- It is very necessary to become digital these days as it reduces manual work and to make life quite simpler.
- To reduce the manual work which includes writing manually the notices or taking print outs or visiting personally to notice board for checking notices

## Problem Statement

- The notices displayed on physical notice board were paper based which means there are chances of paper getting ripped, untidy, etc which may have resulted in unreadable data.
- If any student remains absent then it was difficult for him to get to know about the updates from his college as he had to physically go to college and check the notice board.
- Even the person who wanted to share the notice he/she had to take a print out or write it manually using paper and pen and display on that physical notice board.

To overcome above mentioned problems we decided to make website named **Digital Notice Board** System for both Teachers & Students.

## Objective and Goals

- The main Objective of “*Digital Notice Board*” is to create an interface between Teacher’s and Student’s for displaying notices digitally by reducing efforts and time.

### ➤ Goals :

1. To display notices digitally , by the help of website to reduce time and efforts.
2. It will help both(Students & Teachers)
3. Can have record of all Notices.
4. Simple to Use & Reliable.

## **Literature Survey**

- The system uses a web interface to allow users to post messages and announcements, which are then displayed on the Website.
- Which will be Beneficial for the Students .
  - Easy to Use.
  - Reduces Efforts to visit the place.



## **Project Scope and Limitations**

### **Scope:**

- To reduce the manual work which includes writing manually the notices or taking print outs or visiting personally to notice board for checking notices.
- To replace physical notice boards with e-notice boards for efficiency and durability.
- To keep all record of all notices , uploaded anytime.

### **Limitations:**

- 1)Time Consuming – For knowing that notice are displayed and going to see that is time taking process & taking print or writing notice is also time consuming for teachers.
- 2)Compulsory need to be present – to see the Notice Students need to be there present .

# **SYSTEM ANALYSIS**

## **Existing System**

- Initially, the notice board was physical that means students had to actually go and find the notice board to view the latest notices. It resulted in a quite chaotic situation. Even the person who wanted to share the notice he/she had to take a print out or write it manually using paper and pen and display on that physical notice board. The existing system forces both student and teacher/admin to physically move from the original place to view the notices.
- This consumes a lot of time for both of them. If in case the teacher displays notice on notice board which is quite important and urgent response has to be taken from students then it's difficult for students to know about it, as there is no way that students are informed that some notice has been displayed on the board. This was kind of troublesome situation for both student and teacher.

## **Scope & Limitations**

- Initially, the notice board was physical that means students had to actually go and find the notice board to view the latest notices. It resulted in a quite chaotic situation. Even the person who wanted to share the notice he/she had to take a print out or write it manually using paper and pen and display on that physical notice board. The existing system forces both student and teacher/admin to physically move from the original place to view the notices.
- To reduce the manual work which includes writing manually the notices or taking print outs or visiting personally to notice board for checking notices.

## **Project Perspective and Features**

- The DIGITAL NOTICE BOARD will make a significant difference. The Students and Teachers will get a new and amazing overall digital experience and easy to use handy feature and convenient by their use. And user friendly website for both.
- The DIGITAL NOTICE BOARD keep tracks of all the record inserted in it. Multiple accounts cannot be created through same mail.
- Reduces Manual work & Focuses on Digitalizing it and making it User Friendly.

## **Stakeholders**

- The main Stakeholders in our project are the Teacher's and Student's. The System is mainly design so that they can connect with each other whenever required.
- Both need to log in by using username and password to log in.

# Requirement Analysis

## 1. Functional Requirements:

- There is not any restriction of time to register or access the site only stable internet connection is required then it will be available 24 Hours a day.
- Teacher's(Admin) & Students should be able to update his/her information. Admin can Update, Post, Add and Delete Notice .
- Whereas Students can see, edit their profile and reply to the notices. Which are posted by teachers.

## 2. Performance Requirements

- DIGITAL NOTICE BOARD does not have any limit to the number of Students to store.
- Records are well sorted and each donor data has a unique id.
- This site can be accessed through any browser with stable internet connection

## 3. Security Requirements:

- Website is well secured from attacks and Phishing. So that accessing the database is not possible because of Encryption.

# **FACT FINDING TECHNIQUES**

When conducting fact-finding for a digital notice board system, you can use various techniques to gather information and requirements. Here are some common fact-finding techniques applicable to a digital notice board:

**Interviews:** Conduct interviews with key stakeholders, such as administrators, facility managers, and users of the notice board system. Ask them about their needs, expectations, and challenges related to the current notice board system. Gather insights on desired features, content management requirements, user roles, and any specific constraints or preferences.

**Surveys/Questionnaires:** Distribute surveys or questionnaires to a wide range of potential users to gather quantitative and qualitative data. Ask about their preferences regarding notice board content, accessibility, user interface, and interaction capabilities. This method can help identify common requirements and patterns.

**Observation:** Observe the existing notice board system in action. Pay attention to how users interact with it, what content is displayed, and any usability issues or limitations. Understand the physical setup, notice posting process, and the impact on user engagement. This technique can provide valuable insights into system usage and user behaviour.

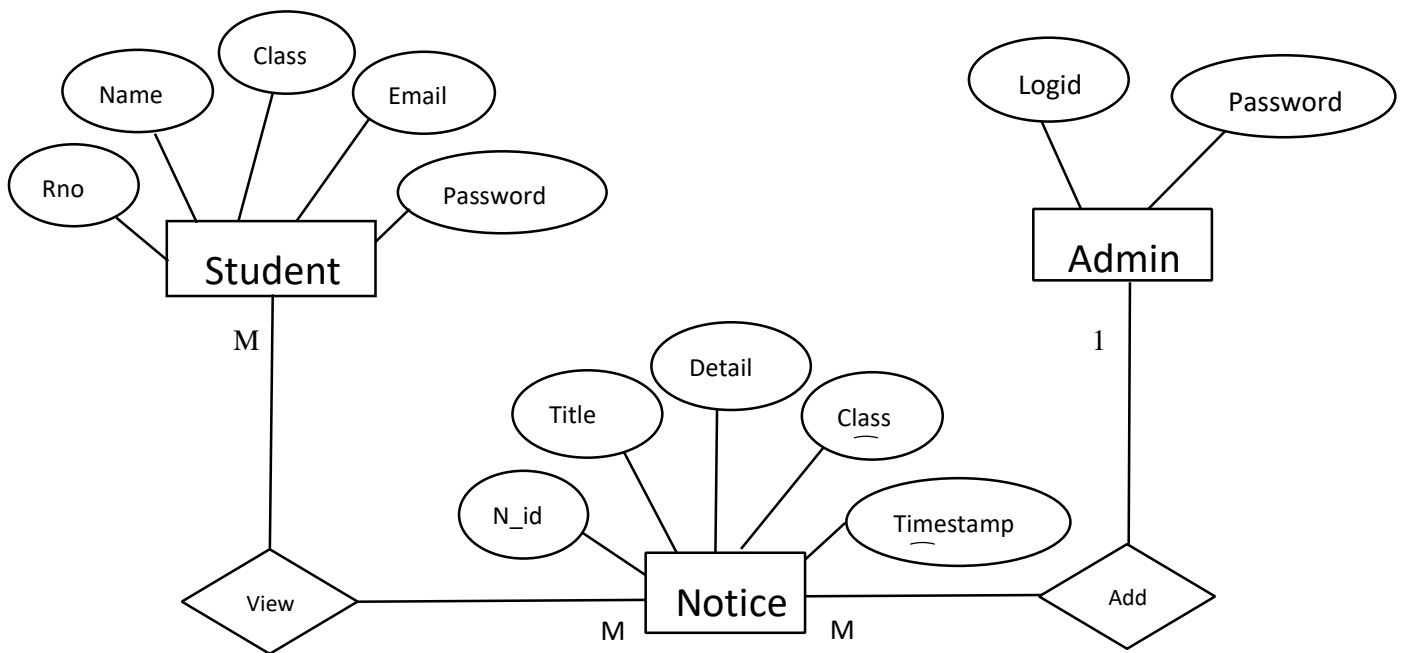
**Document Analysis:** Review any existing documentation related to the current notice board system, such as user manuals, guidelines, and policies. Analyze the content management process, rules for posting notices, and any existing technological constraints. This analysis can help in understanding the limitations of the current system and identifying areas for improvement.

# **FEASIBILITY STUDY**

- A feasibility study is an analysis of how successfully a project can be completed, accounting for factors that affect the project.
- The outcome of this study is use to determine the potential positive and negative outcomes before investing time, money and human resource on the project.
- The main factors affecting are technical, economic and operation factors
- **Economic Feasibility:** It refers to the benefits or outcomes we are deriving from the system as compared to the total cost we are spending for developing the system.
- If the benefits are more or less the same as the older system, then it is not feasible to develop the product
- **Operational Feasibility:** Operational feasibility refers to the feasibility of the system to be operational.
- Some system may work very well at the time of design and implementation but may fail in real environment.
- **Technical Feasibility:** Technical Feasibility refers to whether the software available in the market supports the present system.
- It studies the pros and cons of using a particular system for the development and its feasibility.
- It also studies the additional training needed to be given to the people to make the system work.

# SYSTEM DESIGN

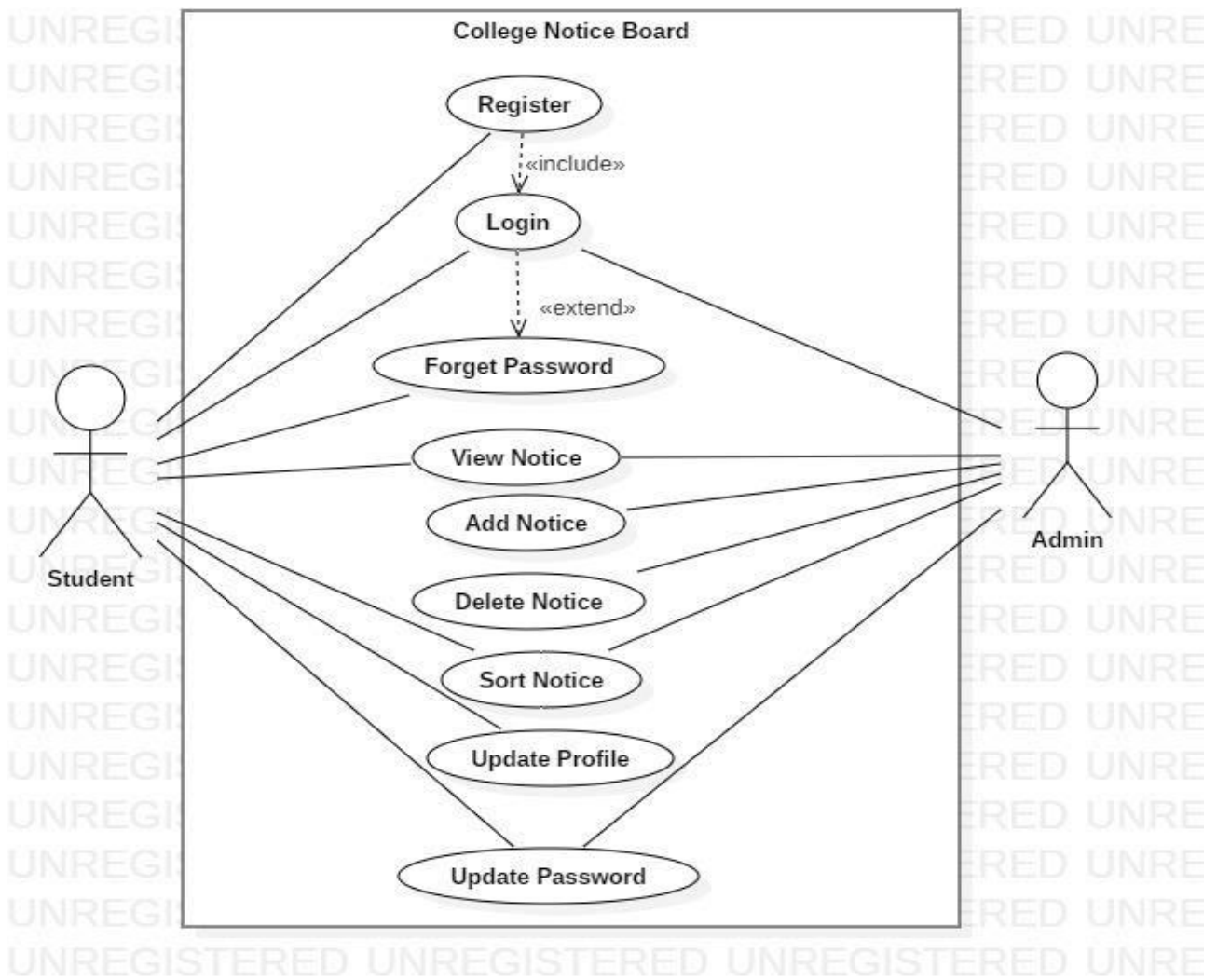
## ER Diagram



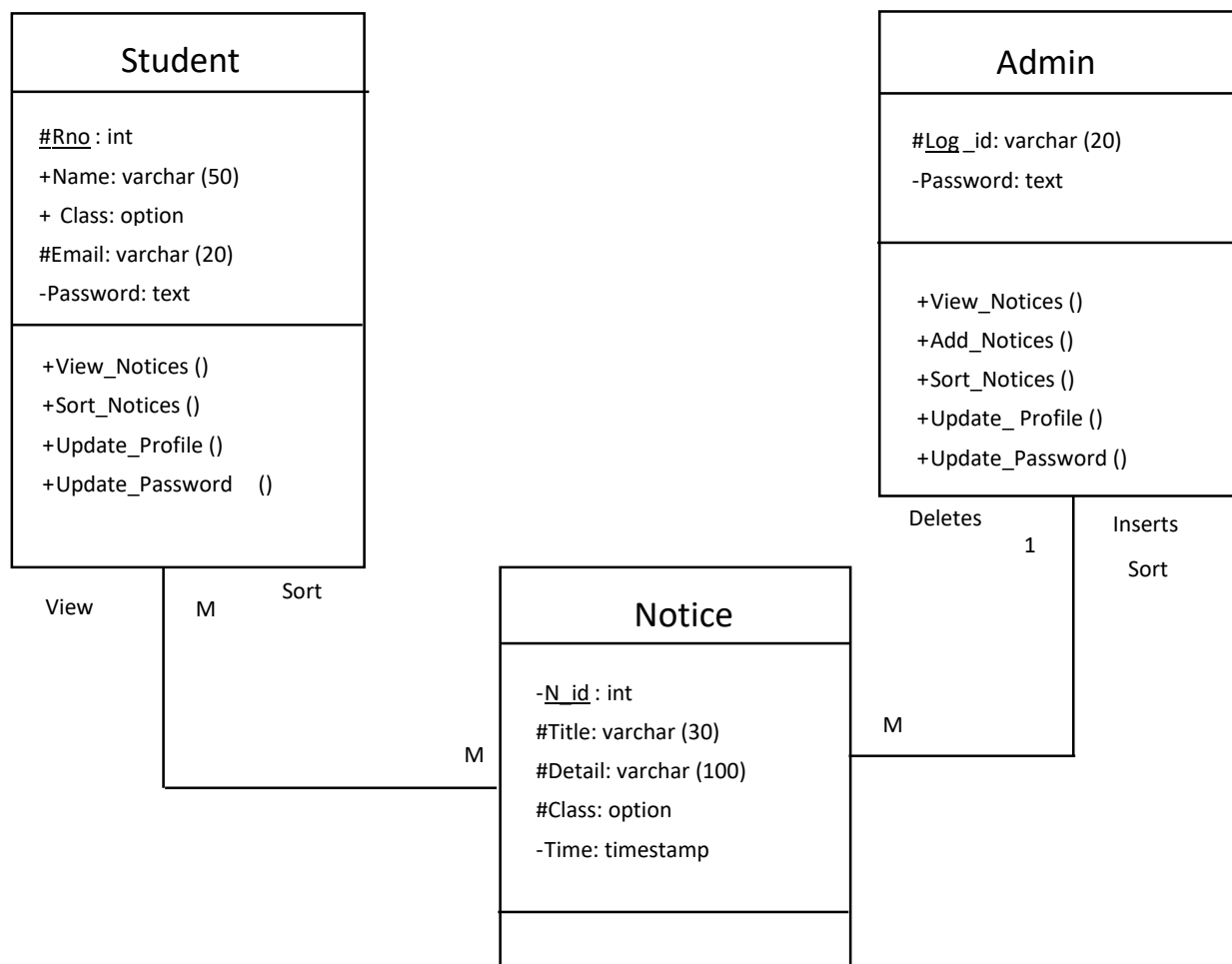


# UML DIAGRAM

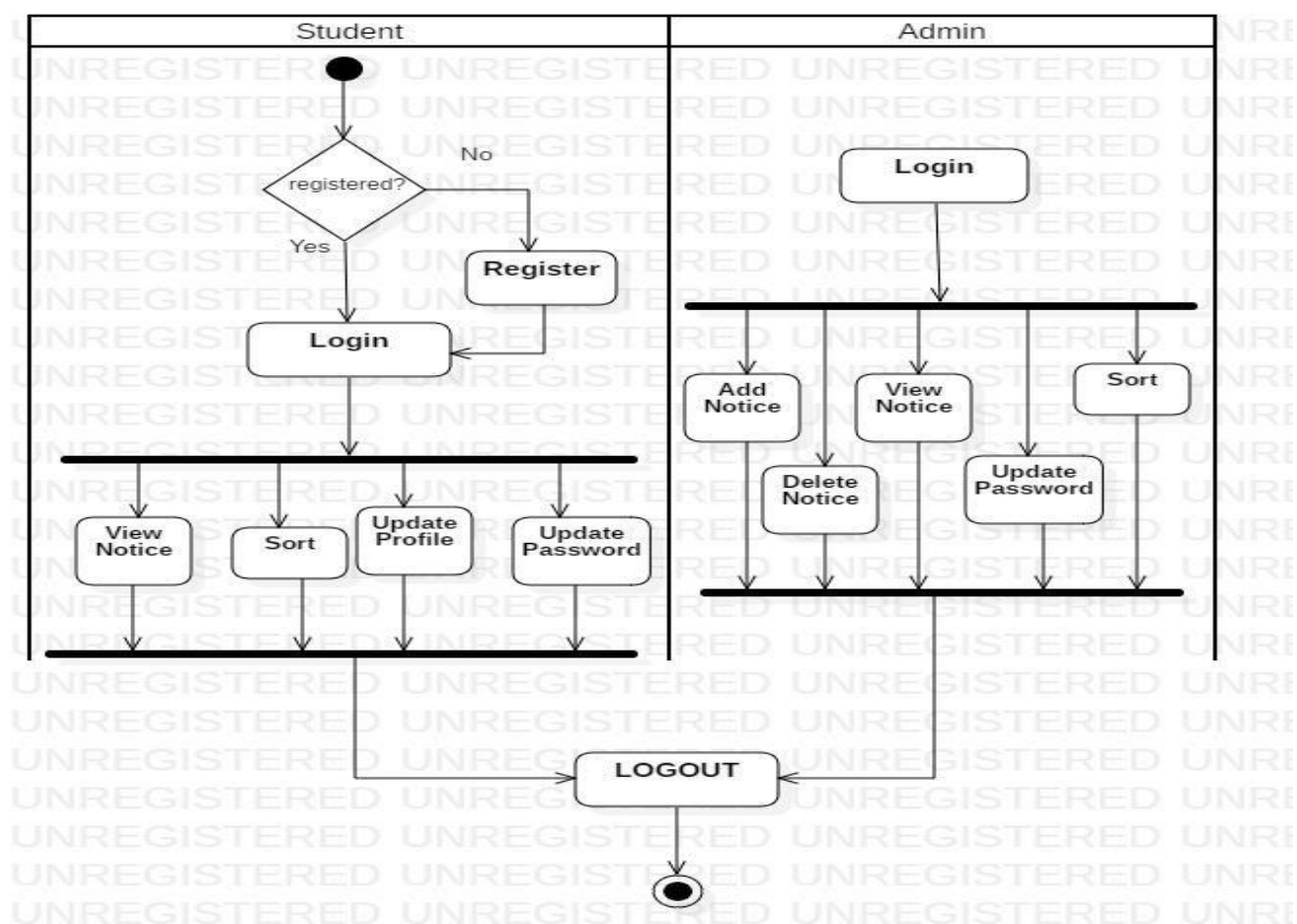
## ➤ Use-case diagram:



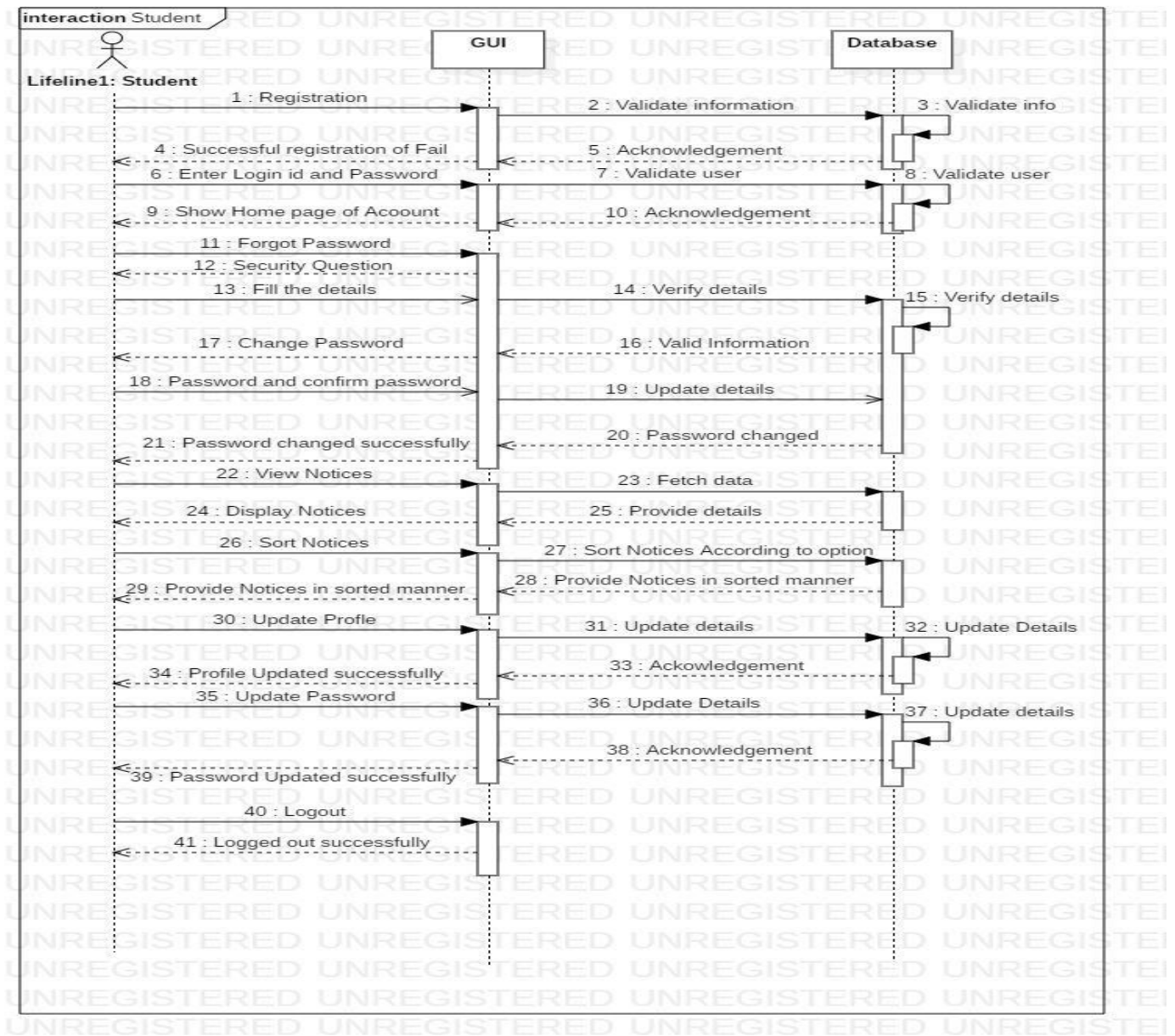
## ➤ Class Diagram:

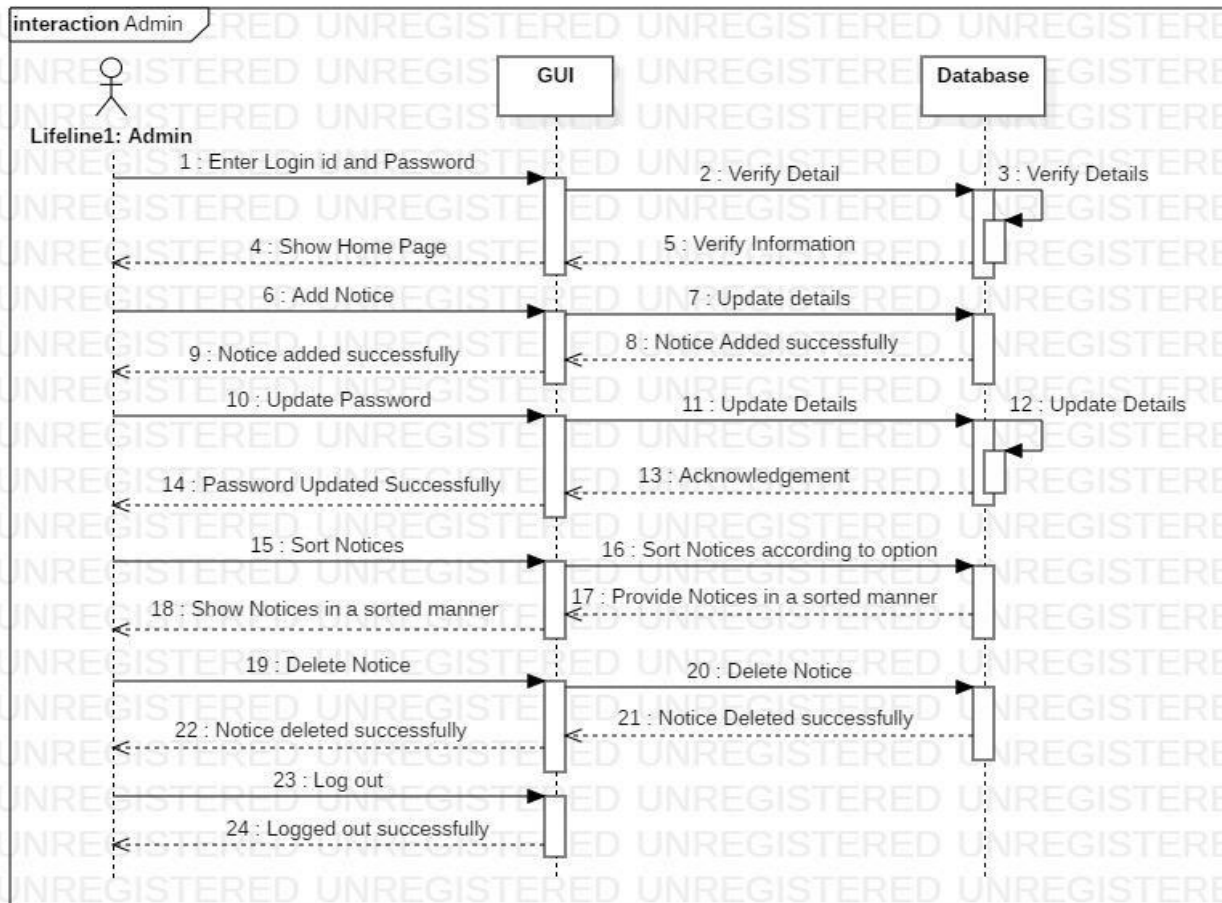


➤ Activity Diagram:



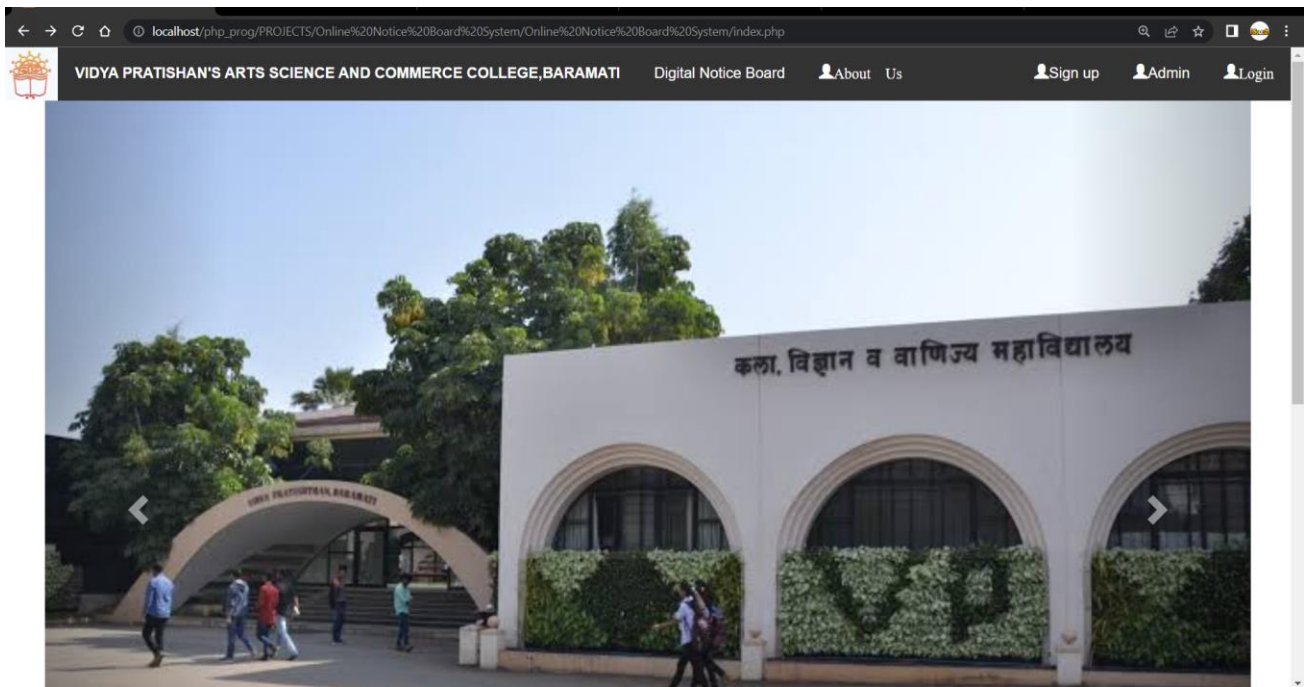
## ➤ Sequence Diagram:





# User Interface

## ➤ Home Page



## ➤ SIGN UP (REGISTRATION PAGE):

### Registration form

First Name:

Last Name:

Email ID:

Passowrd:

Select Your Class:

[Click here to login](#)

## ➤ LOG IN PAGE :

### Online Notice Board System

#### Login form

Email ID:

Password:

[Click here to register](#)

## ➤ User Dashboard Page :

### Online Notice Board System



rk@gmail.com

#### Welcome to User Dashboard

This is the User Dashboard page. Here User can view the notice. User can update profile and can give reply or feedback to the notice.

## ➤ USER ALL NOTICES

### Online Notice Board System



aakash@gmail.com

Edit Profile

View All Notices

Logout

### Notices for you

#### Internal exam

Today announced Internal exam 02/05/2023 will be start

#### internal exam

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## ➤ ADMIN LOGIN PAGE

### Online Notice Board System

#### Admin Login Form

Email ID:

Enter your email

Password:

Ex:- Pass@123


Login

[Click here to register](#)



## ➤ ADMIN DASHBOARD PAGE

### Online Notice Board System



**admin@gmail.com**

Edit Profile

Create a Notice

View All Notices

View Replies

Update Notice

### Welcome to Admin Dashboard

This is the admin Dashboard page. Here admin can mangage notice board system. He can create a notice, delete a notice and all the replies of the notice.

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## ➤ ADMIN ALL NOTICES PAGE

### Online Notice Board System



admin@gmail.com

Edit Profile

Create a Notice

View All Notices

View Replies

Update Notice

Delete Notice

#### All Notices

##### Internal exam

Today announced Internal exam 02/05/2023 will be start

##### Internal time table

Internal time table 1.c 2.dbms 3.math-I

##### internal exam

DS PYTHON MATH ELECTRONIC ST

##### Internal exam

web development

# **IMPLEMENTATION DETAILS**

## **Software & Hardware Requirements**

### **Hardware Requirement:**

- Processor: intel CORE i3
- Ram: 4 GB or More
- Hard Disk: 1 TB or More
- Personal Computer/ Laptop with VS Code, XAMPP server installed in it.

### **Software Requirement:**

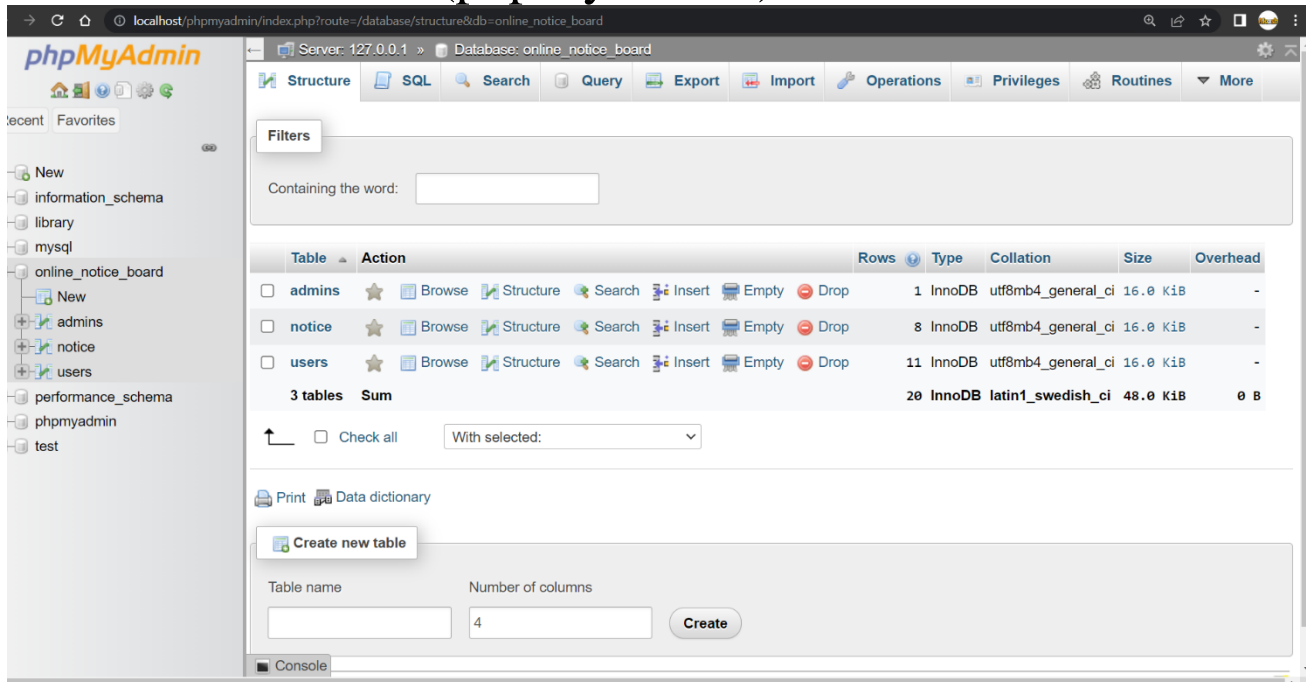
- OS: Windows 10-11
- Front end: HTML , CSS, Bootstrap, jQuery.
- Back end: PHP
- Database: MySQL (using phpMyAdmin)

### **Recommended:**

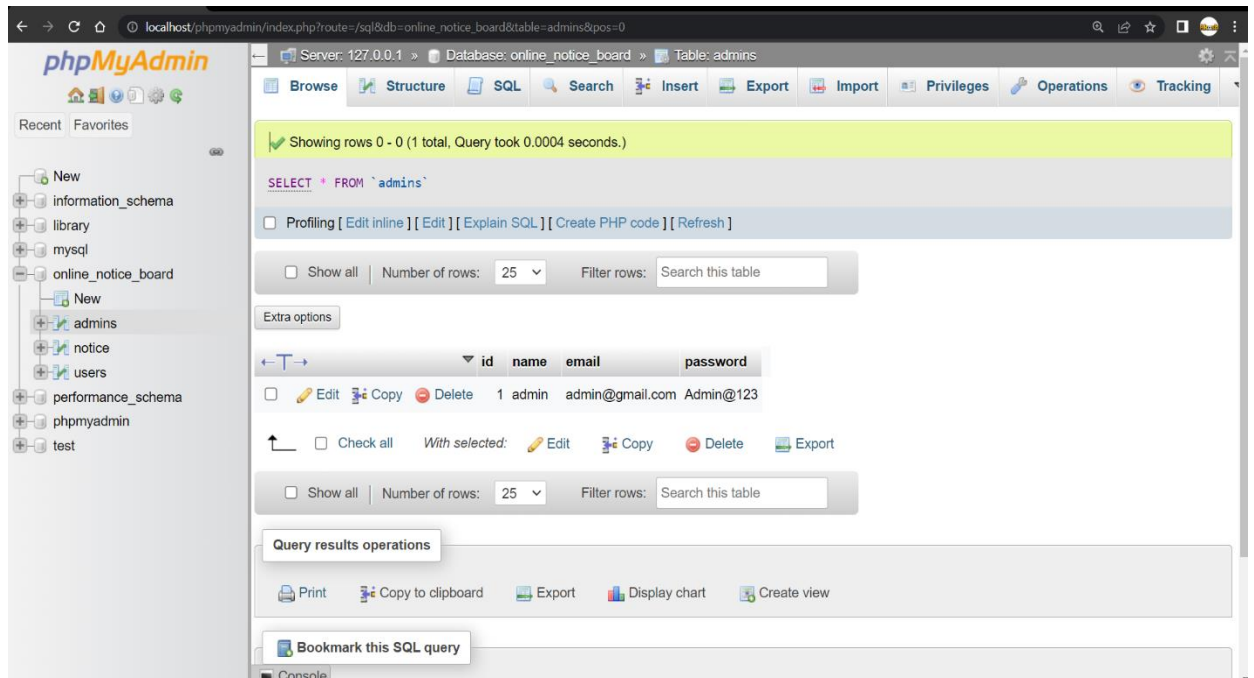
- Basic knowledge of computer.

# OUTPUT & RECORD TESTING

## ➤ Main Database (phpMyAdmin):



## ➤ Admin Database



## ➤ User Database

Server: 127.0.0.1 » Database: online\_notice\_board » Table: users

Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.)

`SELECT * FROM `users``

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	uid	fname	lname	email	password	class
<input type="checkbox"/>	14	ranjit	kale	ranjit@gmail.com	Pass@123	FYBCS
<input type="checkbox"/>	15	Aakash	kakade	aakash@gmail.com	Pass@123	SYBCS
<input type="checkbox"/>	16	Rohan	changude	rohan@gmail.com	Pass@123	TYBCS
<input type="checkbox"/>	17	Kartik	lagas	kartik@gmail.com	Pass@123	FYMSC
<input type="checkbox"/>	18	Rohidas	lakade	rohidas@gmail.com	Pass@123	SYMISC
<input type="checkbox"/>	19	shri	pawar	shri22@gmail.com	Pass@123	TYBCS
<input type="checkbox"/>	20	Kartik	Lagas	klagas26@gmail.com	Password	TYBCS
<input type="checkbox"/>	21	r	k	rk@gmail.com	Pass@123	FYMSC
<input type="checkbox"/>	22	a	k	ak@gmail.com	Pass@123	SYBCS

## ➤ Notice Database

Server: 127.0.0.1 » Database: online\_notice\_board » Table: users

Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.)

`SELECT * FROM `users``

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	uid	fname	lname	email	password	class
<input type="checkbox"/>	14	ranjit	kale	ranjit@gmail.com	Pass@123	FYBCS
<input type="checkbox"/>	15	Aakash	kakade	aakash@gmail.com	Pass@123	SYBCS
<input type="checkbox"/>	16	Rohan	changude	rohan@gmail.com	Pass@123	TYBCS
<input type="checkbox"/>	17	Kartik	lagas	kartik@gmail.com	Pass@123	FYMSC
<input type="checkbox"/>	18	Rohidas	lakade	rohidas@gmail.com	Pass@123	SYMISC
<input type="checkbox"/>	19	shri	pawar	shri22@gmail.com	Pass@123	TYBCS
<input type="checkbox"/>	20	Kartik	Lagas	klagas26@gmail.com	Password	TYBCS
<input type="checkbox"/>	21	r	k	rk@gmail.com	Pass@123	FYMSC
<input type="checkbox"/>	22	a	k	ak@gmail.com	Pass@123	SYBCS

*Thank  
you!*

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