

# DIGITAL

NOTICE BOARD

PRESENTATION BY:

HENNA FATHIMA: IKAVBCA013

RIZWANA : IKAVBCA003

ANSHID : IKAVBCA018

NIHAL : IKAVBCA023

# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

TECHNOLOGY

DFD

ER DIAGRAM

SAMPLE FORM

## ABSTRACT

This project explores the transformative role of digital notice boards in modern communication systems. Departing from traditional physical notice boards, digital counterparts leverage technology to deliver dynamic and engaging content, fostering enhanced communication within educational institutions, corporate offices, and public spaces. The versatility of digital notice boards extends beyond information dissemination, serving as platforms for showcasing achievements, recognising individuals, and promoting a positive atmosphere. In particular, the project emphasises the significant impact of these boards in educational settings, where they facilitate real-time updates, interactive learning experiences, and the display of student work. By examining the features, benefits, and applications of digital notice boards, this project underscores their growing importance in our digitally-driven world, where they act as catalysts for building connected, informed, and engaged communities.

# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

TECHNOLOGY

DFD

ER DIAGRAM

SAMPLE FORM

## EXISTING SYSTEM

In the current landscape, Content Management Systems (CMS) play a pivotal role in digital notice board systems. These systems often incorporate web-based CMS platforms that empower users to effortlessly create, schedule, and manage content. Notable examples of digital signage software, such as "Xibo," "ScreenCloud," and "NoviSign," exemplify the capabilities of these CMS platforms. This existing system streamlines the process of content creation and management, offering user-friendly interfaces and scheduling functionalities.

# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

TECHNOLOGY

DFD

ER DIAGRAM

SAMPLE FORM

# PROPOSED SYSTEM

In the implementation and technical features section of our digital notice board project report, we delve into the core aspects that make these boards efficient and user-friendly. Detailing the software components ,and we explore how the digital notice boards seamlessly integrate with existing infrastructure. This section highlights the user interface, emphasising its intuitive design for easy navigation and content management.

- **User Friendly interface**
- **Security**
- **Multiple Templates**
- **No Technical Knowledge Required**
- **Cross-Platform Accessibility**

# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

TECHNOLOGY

DFD

ER DIAGRAM

SAMPLE FORM



# METHODOLOGY

- The methodology currently used in this project is **AGILE DEVELOPMENT MODEL** .
- The Agile model was primarily designed to help a project to adapt to change requests quickly.
- So the main AIM of the Agile model is to facilitate quick project completion.
- The main motive of Agile development model is:
  - Satisfy customer,
  - Welcome changing requirements,
  - Deliver working software frequently

# METHODOLOGY

The framework used in this project is SCRUM FRAMEWORK.

SCRUM is a lightweight, iterative and incremental framework for managing complex work  
FRAMEWORK ACTIVITIES ARE : Requirement analysis, Design, Evolution, Delivery.

Each SRUM contains a set of FUNCTIONS , it also contains TWO or MORE SCRUMS inside the function which is arranged in a specific order. Therefore the user complete and crosscheck the first SCRUM , then only the second SCRUM function ACTIVATES.

HENCE, It is called as AGILE MODEL.

# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

TECHNOLOGY

DFD

ER DIAGRAM

SAMPLE FORM

# TECHNOLOGY

## **HARDWARE AND SOFTWARE REQUIREMENT**

This specifies the hardware and the support software required to carry out the development.

### **SOFTWARE REQUIREMENTS:**

One of the most difficult task is selecting software for the system, once the system requirements is found out then we have to determine whether a particular software package fits for those system requirement.

Operating System : Microsoft windows 10 or Above for better performance

Front End : Python, JavaScript, HTML, CSS

Back End : MySQL Server

IDE :JetBrains PyCharm

# TECHNOLOGY

## **HARDWARE COMPONENTS:**

The selection of hardware is very important in the existence and proper working of any software. Then selection hardware, the size and capacity requirements are also important

Processor : i3 Processor/Above

RAM : 8 GB or Above

HARD DISK : 40 GB or Above

# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

TECHNOLOGY

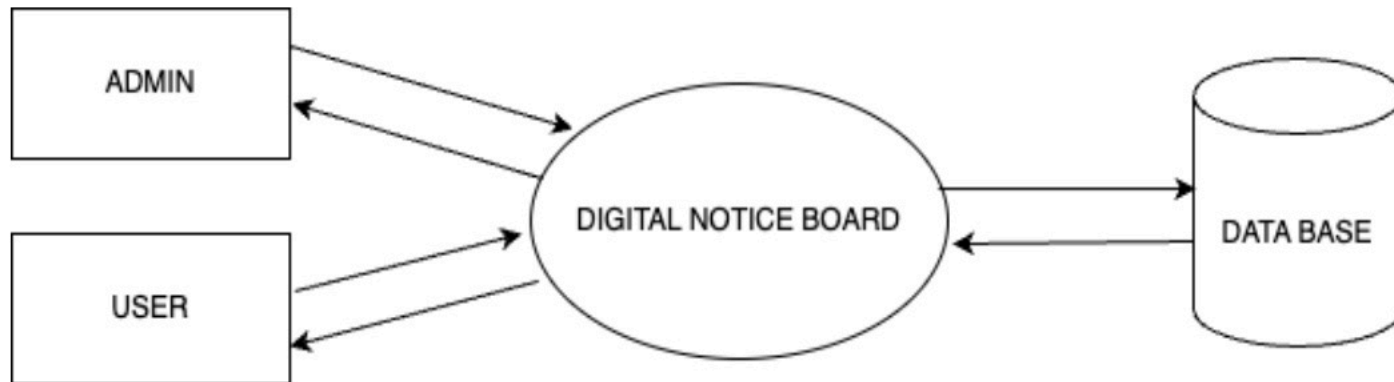
DFD

ER DIAGRAM

SAMPLE FORM

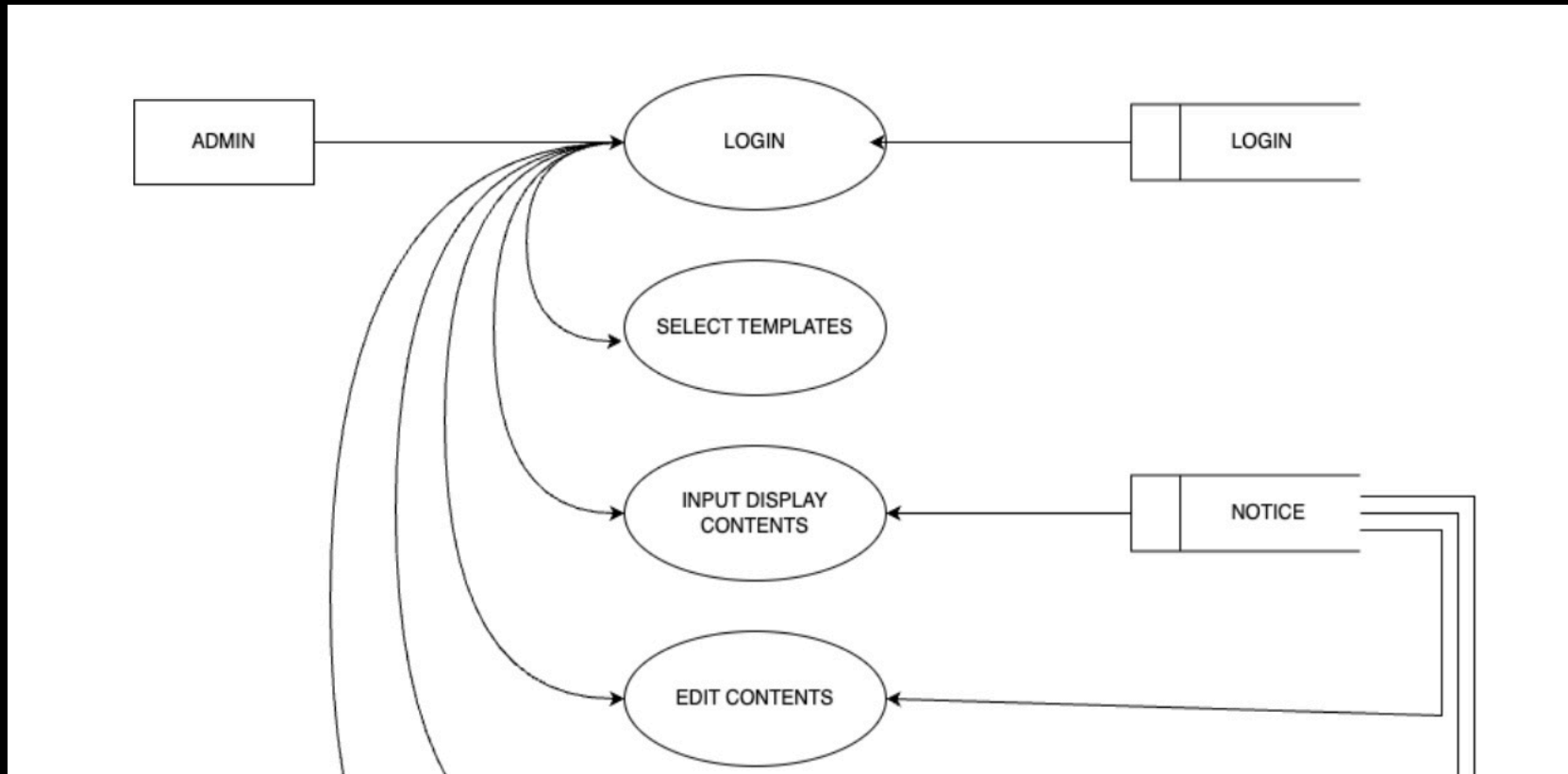
# Data Flow Diagram

LEVEL - 0



# Data Flow Diagram

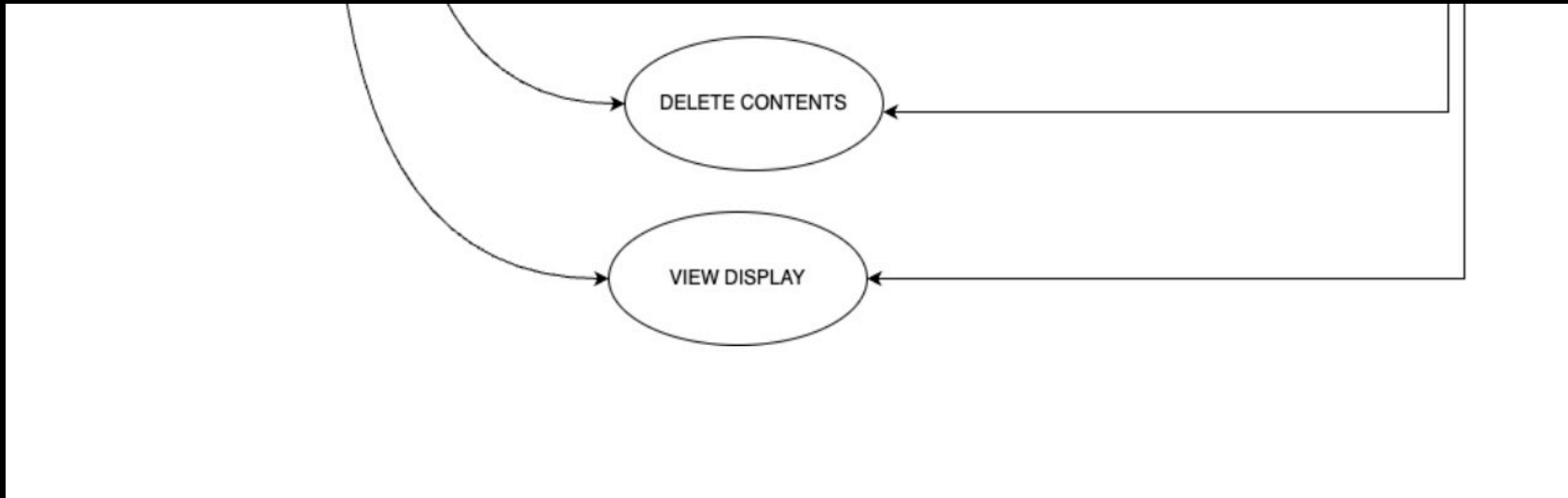
LEVEL - 1.1





# Data Flow Diagram

LEVEL - 1.1



# Data Flow Diagram

LEVEL - 1.2



# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

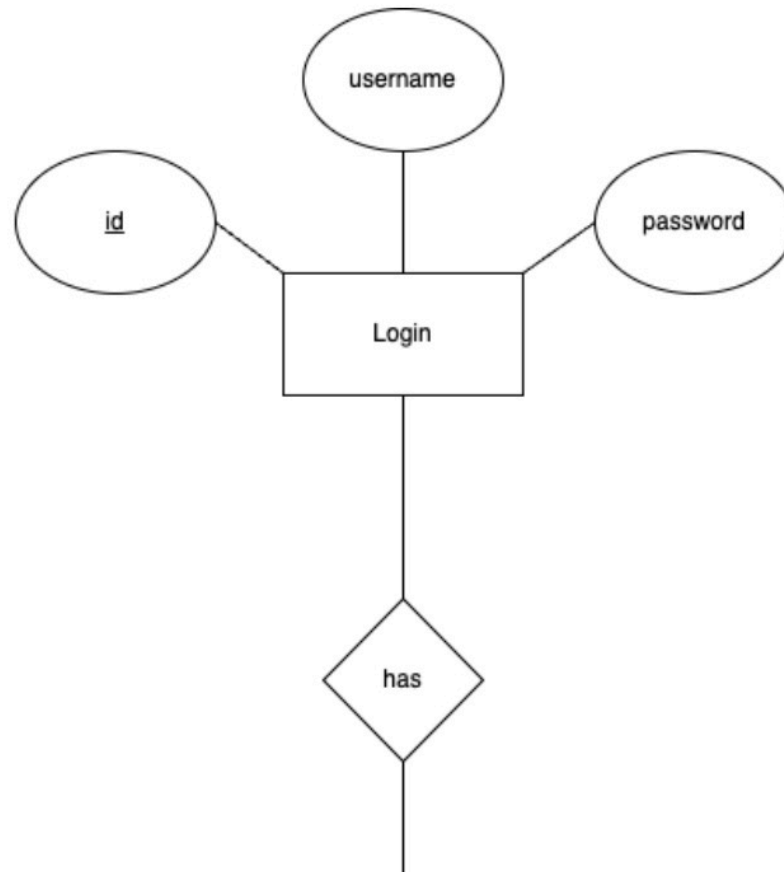
TECHNOLOGY

DFD

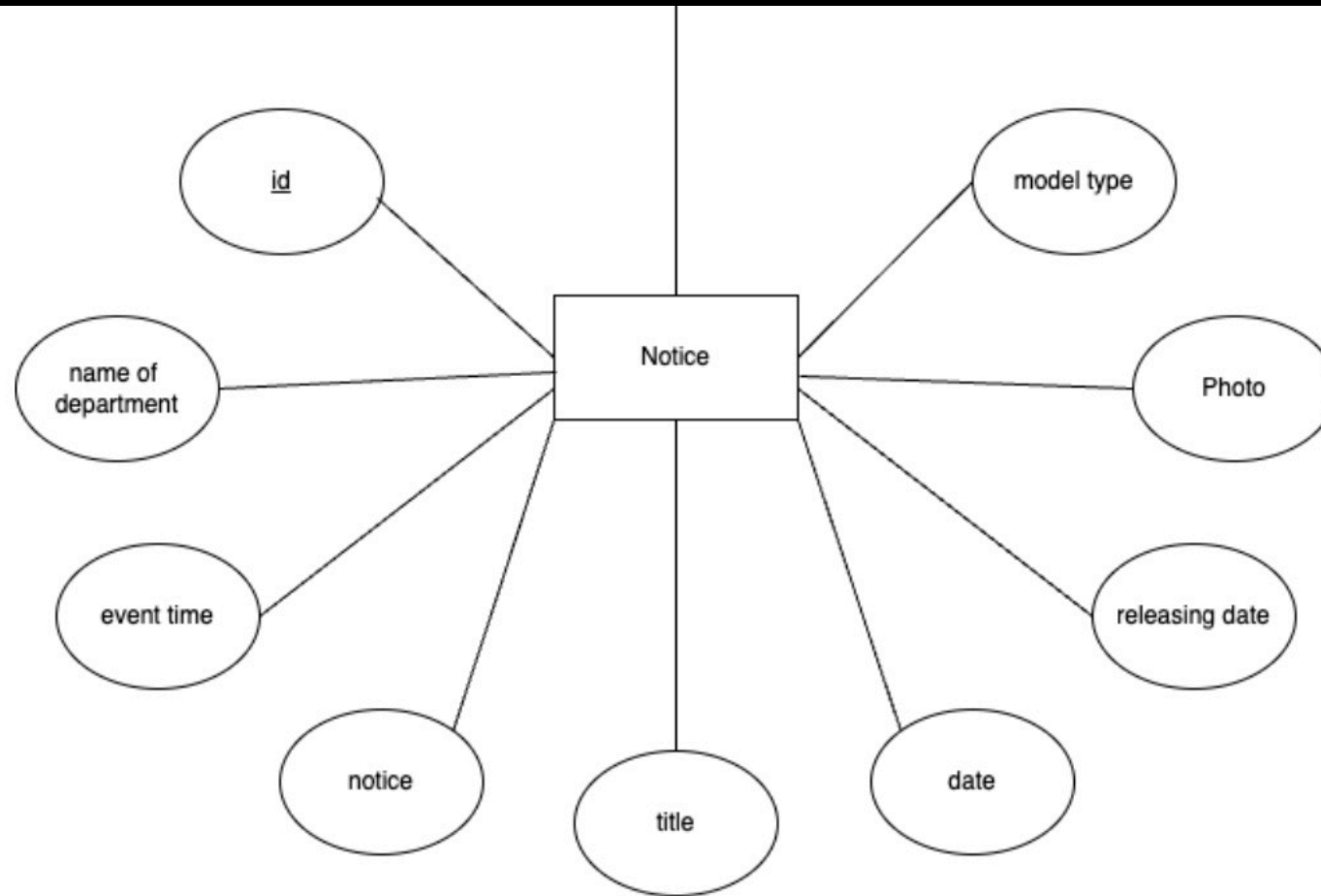
ER DIAGRAM

SAMPLE FORM

# Entity Relationship Diagram



# Entity Relationship Diagram



# DIGITAL

NOTICE BOARD

ABSTRACT

EXISTING SYSTEM

PROPOSED SYSTEM

METHODOLOGY

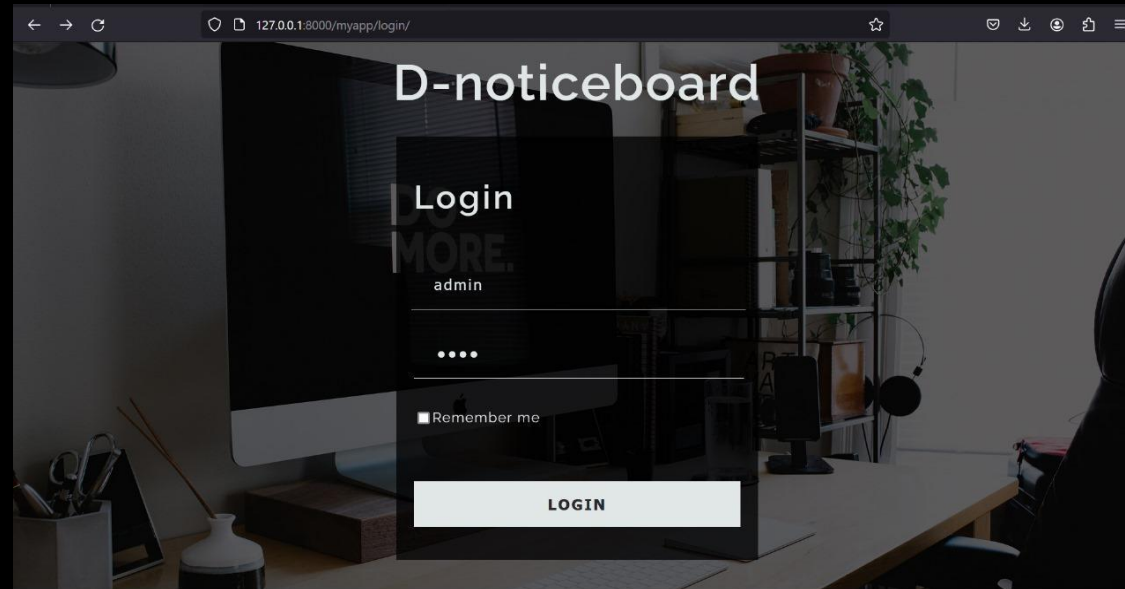
TECHNOLOGY

DFD

ER DIAGRAM

SAMPLE FORM

# SAMPLE FORM



The image shows a web browser window with the address bar displaying "127.0.0.1:8000/myapp/login/". The page title is "D-noticeboard". The login form is centered and contains the following elements:

- Login** (title)
- 
- 
- ☐ Remember me
- LOGIN** (button)

# SAMPLE FORM

A screenshot of a web browser displaying a form titled "SAMPLE FORM". The browser's address bar shows "127.0.0.1:8000/myapp/notice/1". The form has a navigation bar with "HOME", "VIEW MODELS", "VIEW NOTICE", and a red "LOGOUT" button. The form fields are arranged in a two-column layout. The first column contains labels: "Name of Department", "Event Time", "Notice", "Upload Image", "Title", "Date", and "Releasing Date". The second column contains corresponding input fields: a text box for the department name, a text box for event time, a large text area for the notice, a "Choose File" button for the upload image, a text box for the title, and date pickers for the date and releasing date. A green "SUBMIT" button is at the bottom center. A small black circle with the number "1" is in the bottom right corner.

Name of Department	<input type="text"/>
Event Time	<input type="text"/>
Notice	<div></div>
Upload Image	<input type="button" value="Choose File"/> No file chosen
Title	<input type="text"/>
Date	<input type="text" value="dd-mm-yyyy"/>
Releasing Date	<input type="text" value="dd-mm-yyyy"/>
<input type="button" value="SUBMIT"/>	

From		dd/mm/yyyy	To		dd/mm/yyyy	search				
sino	date	title	name of department	event time	notice	Photo	releasing date	Model Type		
1	2024-02-01	ADD on course	BCOM	9:30	We are Happy to Announce that,this year Our depart		2024-01-04		<input type="button" value="Edit"/>	<input type="button" value="delete"/>



# DIGITAL


NOTICE BOARD

TABLES

SCREENSHOTS

# TABLES


## Login

	Field	Type	Comment
	id	bigint NOT NULL	
	username	varchar(50) NOT NULL	
	password	varchar(20) NOT NULL	

**Indexes (1)**

# TABLES

## Notice

	Field	Type	Comment
	id	bigint NOT NULL	
	name_of_department	varchar(50) NOT NULL	
	event_time	varchar(50) NOT NULL	
	notice	varchar(50) NOT NULL	
	title	varchar(50) NOT NULL	
	date	varchar(50) NOT NULL	
	releasing_date	varchar(50) NOT NULL	
Indexes (1)			

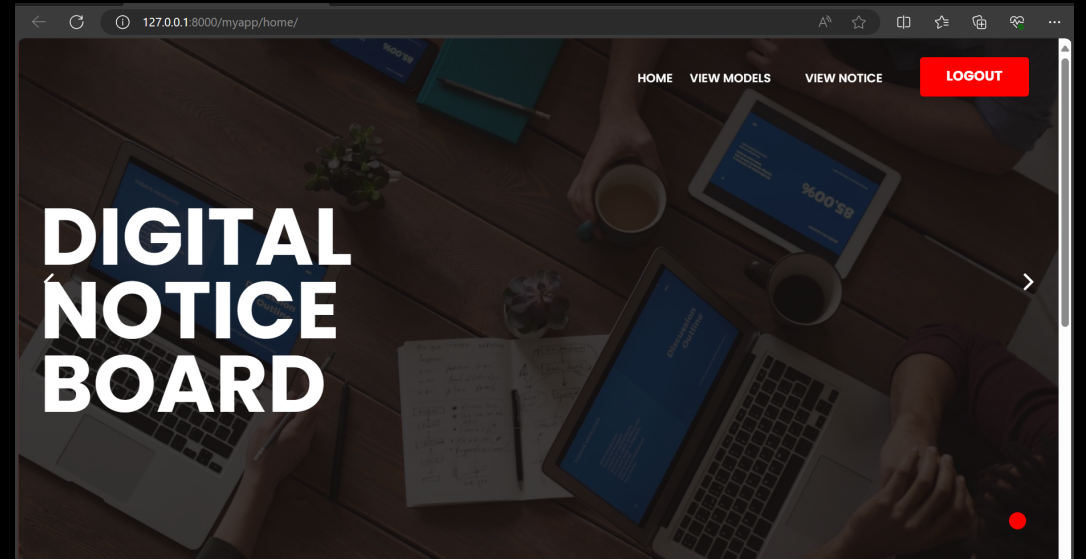
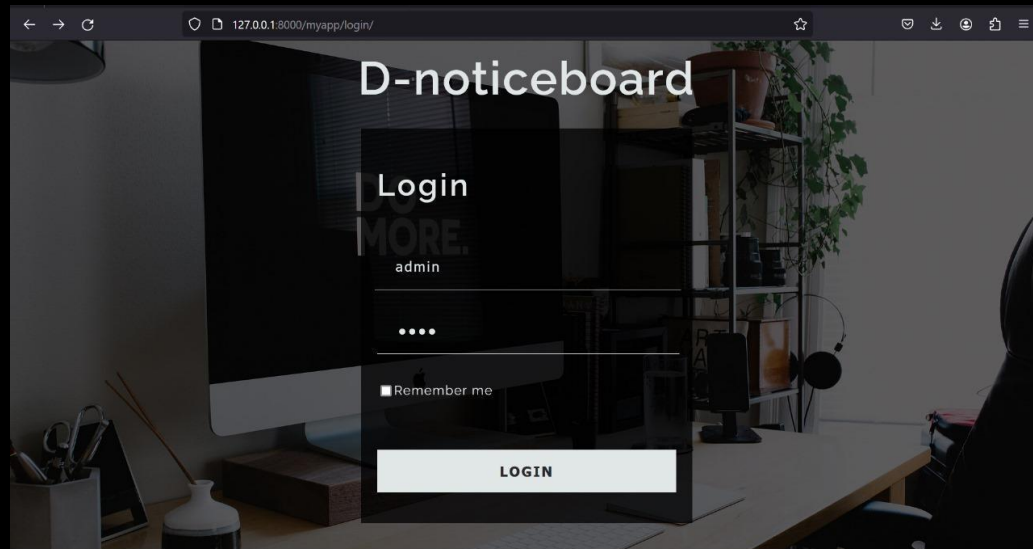
# DIGITAL

NOTICE BOARD

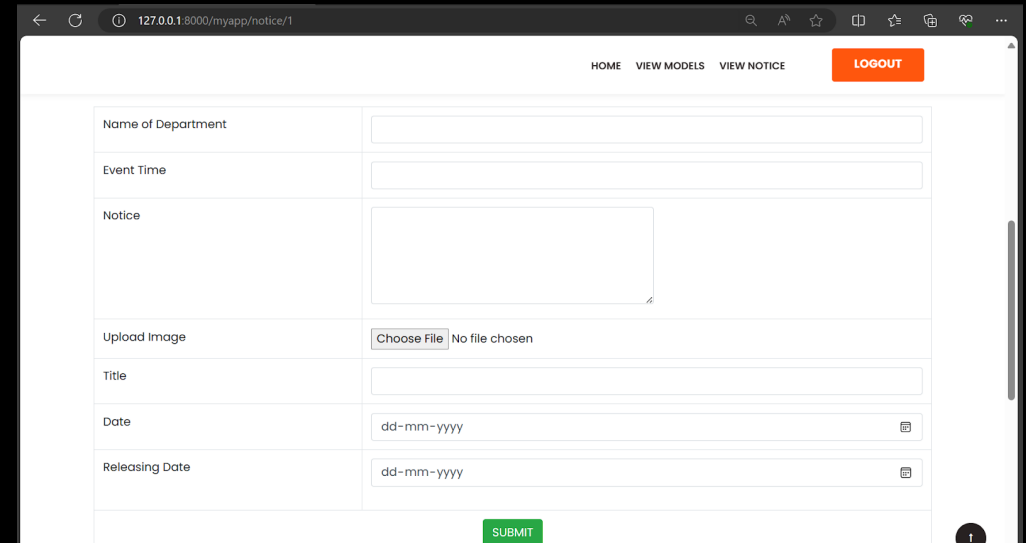
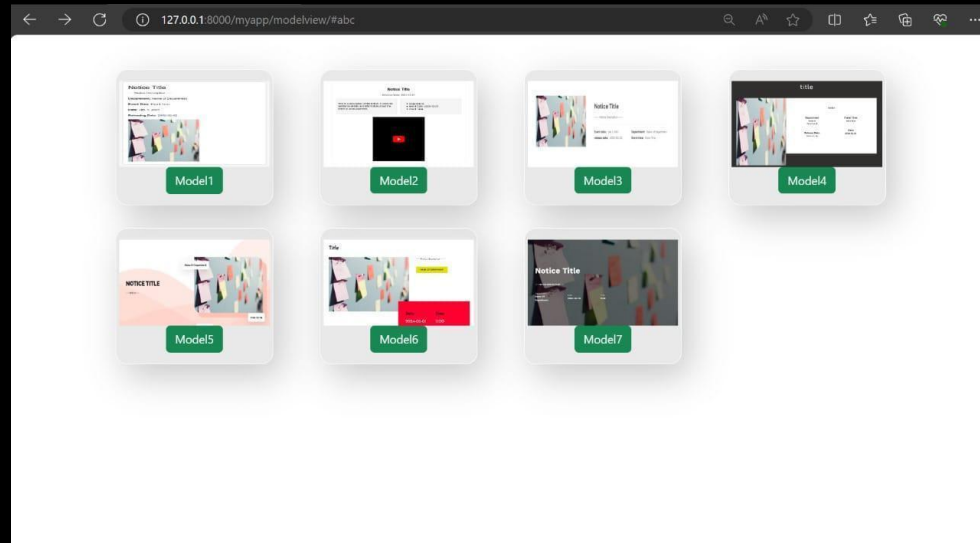
TABLES

SCREENSHOTS

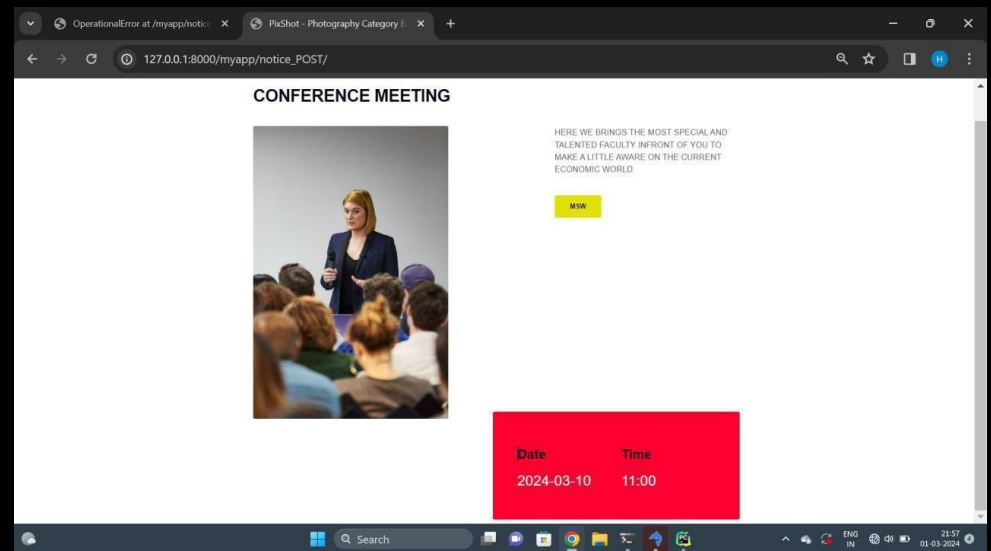
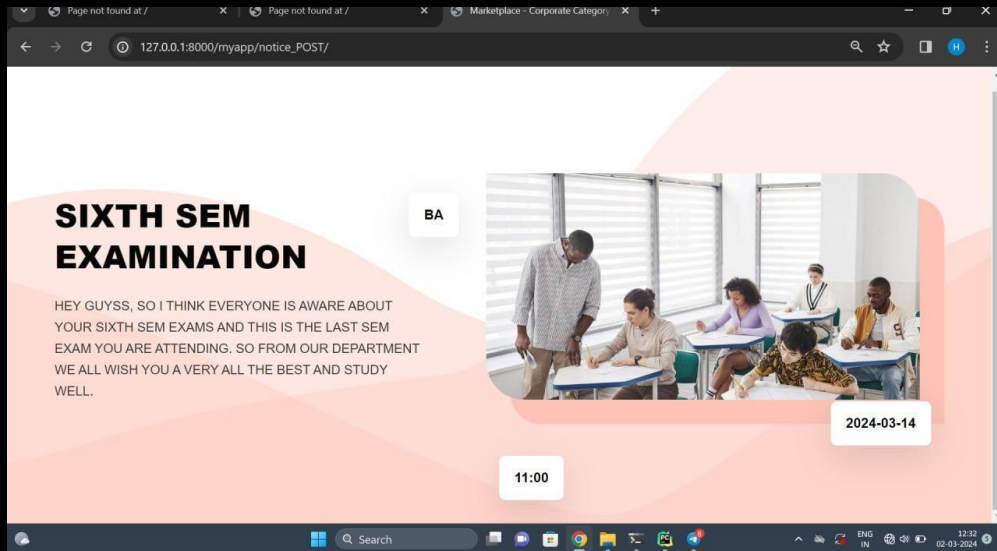
# SCREENSHOTS



# SCREENSHOTS



# SCREENSHOTS



THANK YOU