

Project Report

On

“IOPE DIARIES”

Submitted to:

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY
(DIPLOMA WING)**



Submitted by:

**PAWAR SEJAL RAVINDRA (2201967)
JADHAV MANISH SHASHIKANT (2201933)
GURAV SHRUTI SANJAY (2201929)**

**Under guidance of
Prof. Aniket. H. Shelake**

**DEPARTMENT OF INFORMATION TECHNOLOGY
DR. BABASAHEB AMBEKAR TECHNOLOGICAL UNIVERSITY
(DIPLOMA WING), LONERE
Academic Year 2022-23**



**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL
UNIVERSITY (Diploma Wing)**
Lonere- 402103, Tal. Mangaon, Dist. Raigad
DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE

It is certified that the Project entitled
“IOPE DIARIES”

Submitted by:
PAWAR SEJAL RAVINDRA (2201967)
JADHAV MANISH SHASHIKANT (2201933)
GURAV SHRUTI SANJAY (2201929)

A Bonafide work carried out under the supervision of Prof. Aniket. H. Shelake, It is submitted towards the partial fulfilment of the requirement of University of Dr. Babasaheb Ambedkar Technological University, Lonere for the award of the degree of Diploma in Information Technology.

Prof. A. H. Shelake
(Project Guide)

Prof. K. R. Korpe
(Project Coordinator)

Prof. S. M. Gaikwad
(Head of Department[I.T])

External Examiner:

Place: Dr. Babasaheb Ambedkar Technological University (Diploma Wing), Lonere.
Date:

ACKNOWLEDGMENT

It is indeed a great pleasure of us to present this project report. This pleasure would not be have without the support extended by our guide **Prof. Aniket. H. Shelake**, Information Technology Department, Institute of Petrochemical Engineering, DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, Lonere, who not only encouraged us through the venture but also to grate points in going through the manuscript carefully and correction which have greatly improved the quality of the text.

I am also thankful to all lecturers of Information Technology Department and staff of college for their valuable guidance.

Last but not the least I would like to thanks my colleagues and all those who have contributed directly or indirectly in development and evolution of this project report.

THANK YOU!

ABSTRACT

The Event Project is a web-based application designed to streamline the management and presentation of events within a college environment. This report presents the development and implementation of a dynamic platform that allows administrators to upload event details and associated images, which are then seamlessly displayed in the user event section. Furthermore, when users click on a specific event, they can access a comprehensive description and a collection of relevant event images.

The primary objective of the Project **“IOPE Diaries”** is to enhance the accessibility and engagement of college events for both administrators and users. By providing a centralized system for event management, administrators can efficiently upload event details, including the event name, description, Department which conducted it, and other pertinent information. Additionally, administrators can upload high-quality images that capture the essence of each event, enriching the visual experience for users.

In the user event section, individuals can easily navigate through a list of past events. When a user selects a particular event, they are presented with a detailed description that provides a comprehensive overview of the event's purpose, agenda, and any special features. Moreover, a visually appealing gallery of event images allows users to gain a deeper understanding of the event atmosphere and highlights.

The development of the Event Project involved employing modern web technologies, such as HTML, CSS, and JavaScript, along with appropriate backend frameworks for handling data storage and retrieval. The application's architecture incorporates user-friendly interfaces and intuitive navigation, ensuring a seamless experience for both administrators and users.

The successful implementation of the Event Project has demonstrated its potential to revolutionize event management within college environments. By centralizing event information and imagery, the platform promotes efficient communication and engagement among students, faculty, and other stakeholders. This report provides insights into the design, development, and functionality of the Event Project, highlighting its numerous benefits and potential for future enhancements.

TABLE OF CONTENTS

CERTIFICATE	ii
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
1. INTRODUCTION	7
1.1 Problem Definition.....	7
1.2 Scope & Objective	7
1.3 Language & Tools.....	8
1.4 System Requirements	8
2. LITERATURE SURVEY	9
2.1 Existing Systems	9
2.2 Flaws in Existing Systems.....	9
2.2 Proposed System	10
3. REQUIREMENT ANALYSIS	11
3.1 Functional Requirements.....	11
3.2 Non-Functional Requirements	11
3.3 Test Criteria.....	12
4. DESIGN	13
4.1 Software Development Life-Cycle (SDLC) Model	13
4.2 Diagrams.....	14
5. User Interface (UI)	21
6. Source Code Snippets	25
7. Meet the TEAM	31
CONCLUSION	33
REFERENCES	34

LIST OF FIGURES

Sr.	Fig. No.	Name of the Figure	Page No.
1.	4.1	Iterative Model (SDLC)	13
2.	4.2	Flowchart	14
3.	4.3	Data Flow Diagram Level-0	15
4.	4.4	Data Flow Diagram Level-1	15
5.	4.5	Entity-Relationship Diagram	16
6.	4.6	Control Flow Diagram	17-18
7.	4.7	Use-Case Diagram	19
8.	4.8	System Architecture	20
9.	5.1	Home Page	21
10.	5.2	Course Section	21
11.	5.3	Log-In Page	22
12.	5.4	Admin Event Uploading Page	22
13.	5.5	Event Form	23
14.	5.6	Admin Image Upload Page	23
15.	5.7	User side Event Section	24
16.	5.8	Details of a particular event	24
17.	6.1	HTML	25
18.	6.2	PHP	26
19.	6.3	Connection File	27
20.	6.4.1	Database	28
21.	6.4.2	Database (Events Table)	28
22.	6.4.3	Database (Images Table)	29
23.	6.5.1	Log-In Logic	29
24.	6.5.2	Log-In Logic (Database)	30
25.	7.1	Project Meetings	32

LIST OF TABLES

Sr.	Tab. No.	Name of the Table	Page No.
1.	3.1	Test Criteria Table	12

1. INTRODUCTION

“IOPE Diaries”



1.1 Problem Definition:

- **Problem Statement:** Designing an effective college event website that caters to the needs of both students and faculty, while ensuring seamless navigation and optimal user experience, is a challenging task. The website must provide comprehensive information about conducted events, relevant details, and should also incorporate features that promote engagement, networking, and community building. The challenge lies in balancing functionality, aesthetics, and usability, while adhering to time and budget constraints.
- **Relevance:** A college event website is highly relevant as it serves as a centralized hub of information for students, faculty, and staff regarding conducted events and activities on campus. It allows individuals to easily access important details such as event dates, times, locations, and registration information. Additionally, it provides a platform for students to engage with each other and the campus community, fostering a sense of belonging and promoting a vibrant campus culture. By promoting and highlighting the diverse range of events and activities on campus, the website encourages participation, collaboration, and lifelong learning.

1.2 Scope & Objective:

- **Scope:**
 1. **Accessibility:** As it is a web-based platform, it can be accessed anytime.
 2. **Free-of-cost:** Does not charge for anything.
 3. **Event Promotion:** One key scope of a college event website is to promote conducted events on campus.
 4. **Analytics and Reporting:** Analytics and reporting can also help demonstrate the impact of events on the campus community and the broader public.

- **Objectives:**

1. **Easy-to-use:** Ease of accessing the platform.
2. **Usability:** User Friendly Interface.
3. **Gain:** Confidence to participate in other events.
4. **Promote Campus Culture:** A third objective for a college event website could be to promote campus culture and showcase the diversity of events and activities happening on campus. By highlighting events from a variety of departments and student groups, the website can help create a more vibrant and inclusive campus community.



1.3 Languages & Tools:

1. **Front End:** HTML, CSS, JavaScript.
2. **Back End:** PHP, MySQL.
3. **Operating System:** Windows 11.
4. **Web Browser:** Google Chrome.
5. **IDE used:** Visual Studio Code 1.63.0
6. **Tools:** Bootstrap.



1.4 System Requirements:

1. **Screen Resolution:** 1280x1024 or larger
2. **Application Window:** 1024x680 or larger
3. **Operating System:** Windows 8 or later, macOS Sierra 10.12 or later, Ubuntu 14.04+
4. **Web Browser:** Google Chrome (Recommended)
5. **Internet Connection:** Required
6. **Memory:** 2GB Minimum, 4GB Recommended



2. LITERATURE SURVEY

2.1 Existing Systems:

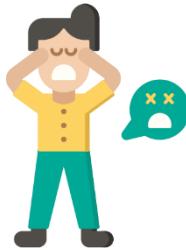
1. COEP Zest:



COEP Zest is a site which contains the event registration process of the events conducted in the college. Students from the college can register to the events which are going to be conducted in the college. Cultural events like Freshers, farewell, technical competitions, Sports events, etc.

2.2 Flaws in Existing System:

1. No data of conducted events.



After studying this existing system, it concluded that these site does not have the data of conducted events like event images, etc. Students were accessible for registering/participating in the events but they were unable to view the data of Events.

2.3 Proposed System:

As a solution to flaws in existing system, we came up with '*IOPE Diaries*' that is:

1. **Student-Oriented.**
2. **Contains data of conducted events.**
3. **Reduces the workload of secretary of storing data of events.**



'*IOPE Diaries*' provides a potential solution to the problems mentioned above. It is more of a student-oriented platform. The Existing platform provide a registration page but didn't had data section. By viewing above problem, we decided to build a website for our college which will contain data of conducted events in IOPE. Whereas, using '*IOPE Diaries*' can be very friendly to the students as well as their parents to view the events images. Also, the workload of secretary of committee to store the data of conducted events.



3. REQUIREMENT ANALYSIS

3.1 Functional Requirements:

i. **Login:**

Admin logs in to the system by entering valid user id and password which is already set in the database to upload the events and related information of events.

ii. **Event Section:**

The system will provide event list of events from database. Short description and long description are provided with the image.

iii. **Test cases result:**

The admin has to pass all the test cases(details required to upload event).

iv. **Logout:**

After uploading event admin can logout of system.



3.2 Non-Functional Requirements:

a) **Security:** The system's back-end servers shall only be accessible to authenticated administrator. Sensitive data will be encrypted before being sent over internet.

b) **Reliability:** The system's architecture is made having a focus on user attraction.

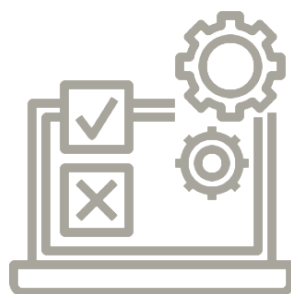
c) **Availability:** The system should be available at all times; the user can access it using a desktop or a laptop. It means 24x7 availability.

Portability: The application is a web app available and runnable on web browsers.

3.3 Test Criteria:

Sr.	Functional Test Cases	Actual Output	Expected Output
1.	Verify if a admin is able to login with appropriate credentials.	Admin is logged in with system.	Admin logged in successfully
2.	Verify if clicking on login button will redirect to admin panel.	Clicking on particular link is redirecting to proper page	Redirection on proper page
3.	Verify if user is able to access about us, user section, contact us page.	User can access all the three pages	Accessing all three pages
4.	Clicking on Explore our events is redirecting to the event section page where user is able to view events uploaded by admin.	User can view events uploaded by admin.	Viewing events uploaded by admin.
5.	Clicking on DELETE and EDIT button events should be deleted and updated respectively.	Deleting and updating events is possible.	Successfully deleting and updating events.

Table. 3.1: Test Criteria Table



4. DESIGN

4.1 Software Development Life-Cycle (SDLC) Model:

The SDLC Model on which 'IOPE Diaries' is based on is 'Iterative Model'.

- **Iterative Model:**

Iterative process starts with a simple implementation of a subset of the software requirements and iteratively enhances the evolving versions until the full system is implemented. At each iteration, design modifications are made and new functional capabilities are added. The basic idea behind this method is to develop a system through repeated cycles (iterative) and in smaller portions at a time (incremental).

The following illustration is a representation of the Iterative and Incremental model –

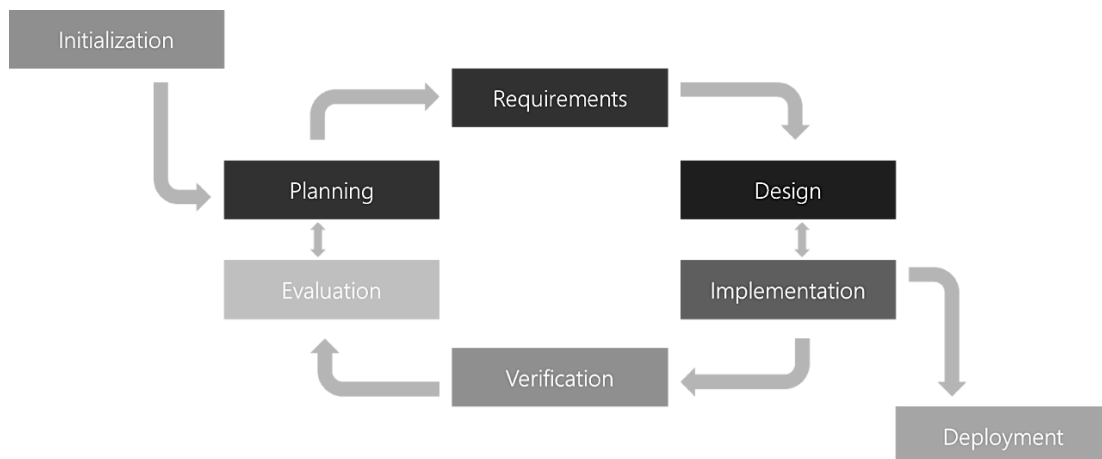


Fig. 4.1: Iterative Model (SDLC)

4.2 Diagrams:

1. Flow Charts:

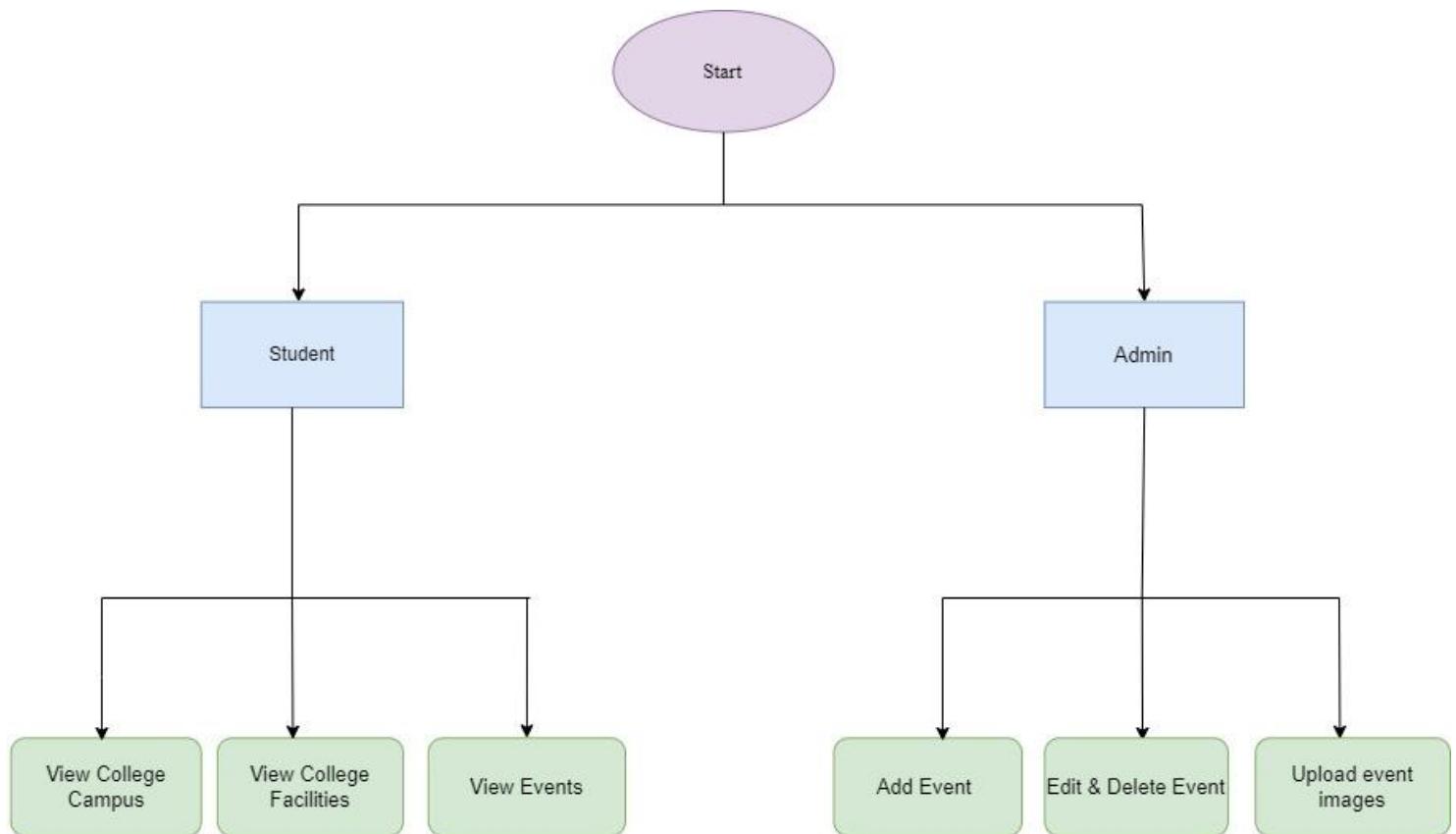


Fig. 4.2: Flowchart

2.1 Data Flow Diagram Level-0:

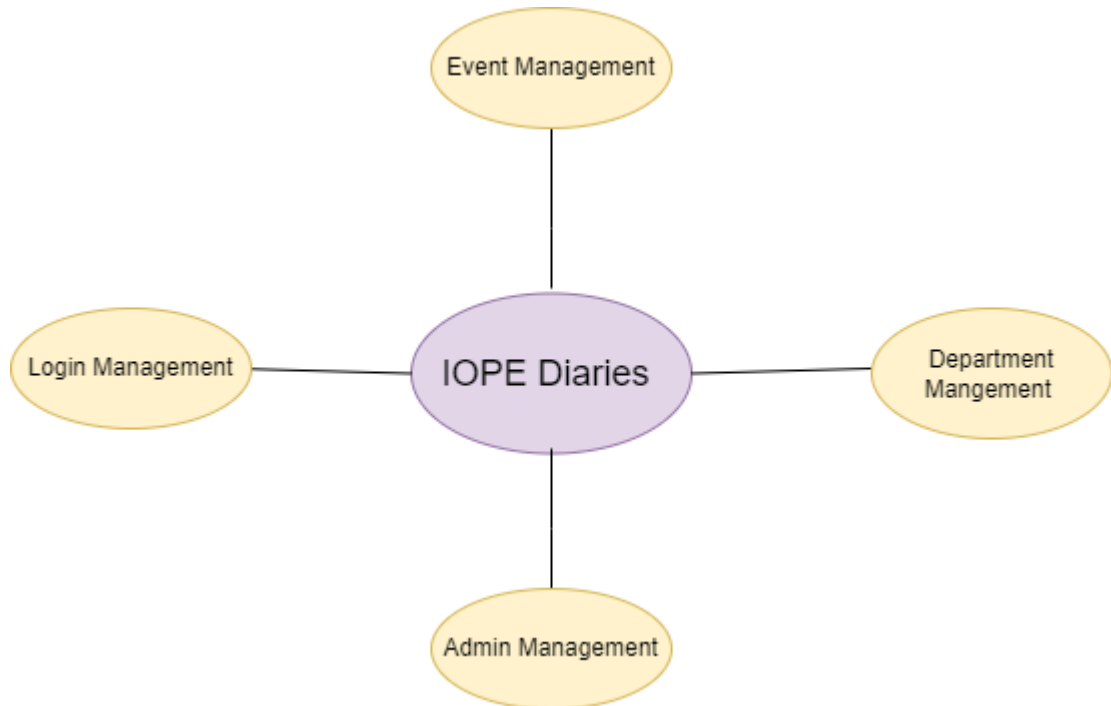


Fig. 4.3: Data Flow Diagram Level-0

2.2Data Flow Diagram Level-1

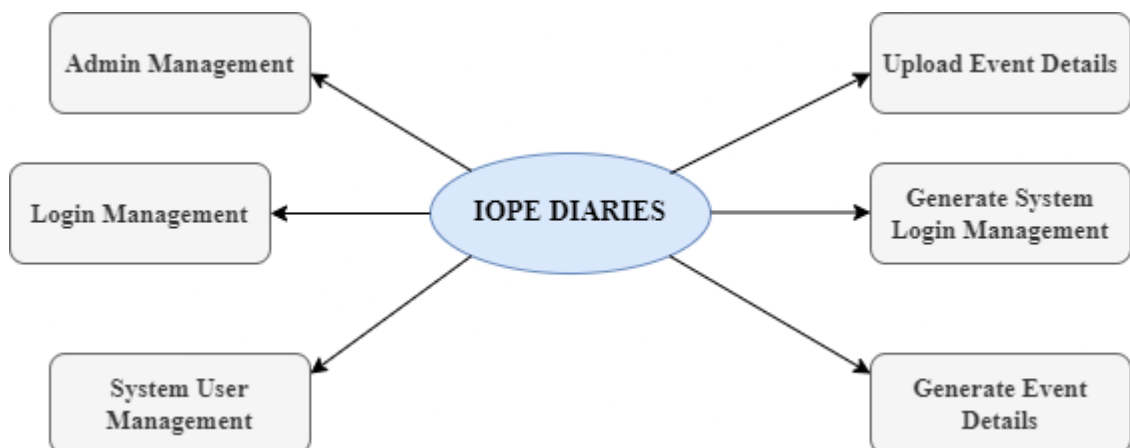


Fig. 4.4: Data Flow Diagram Level-1

3 Entity-Relationship Diagram:

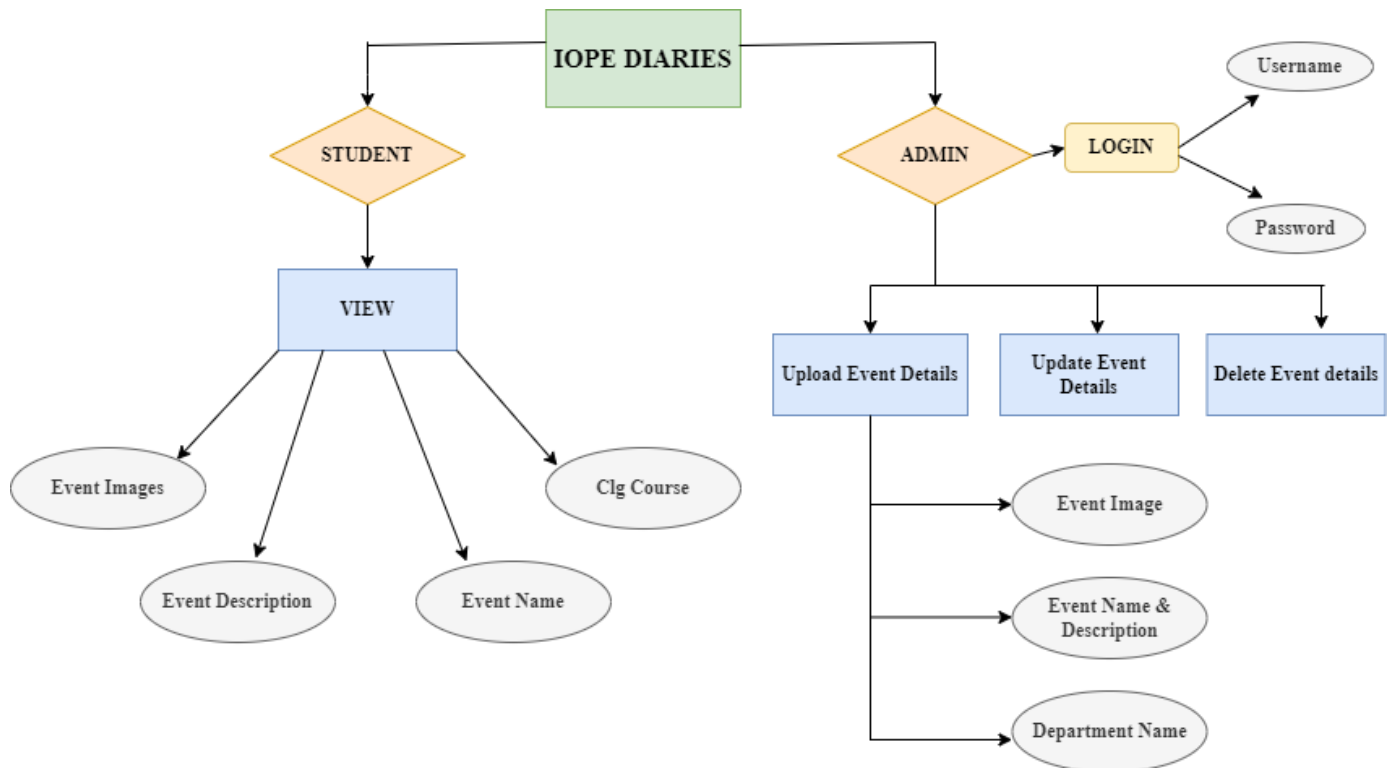
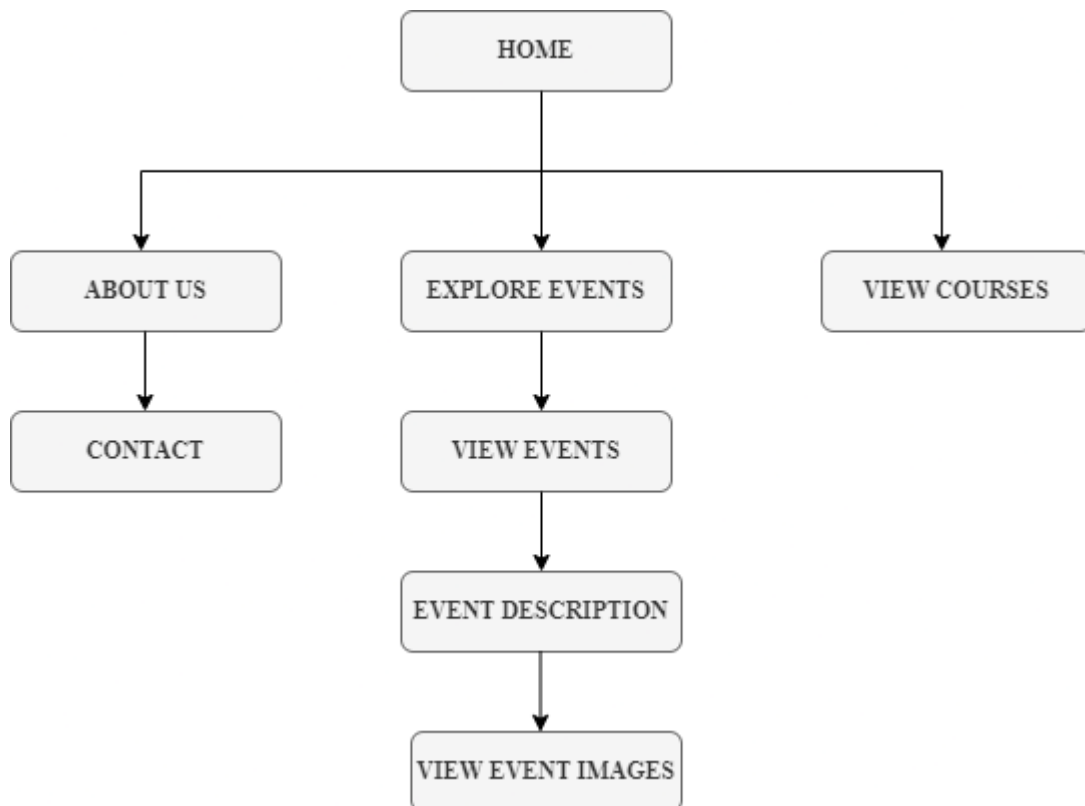


Fig. 4.5: Entity-Relationship Diagram

4 Control-Flow Diagram:

❖ User-side:



❖ Admin-side:

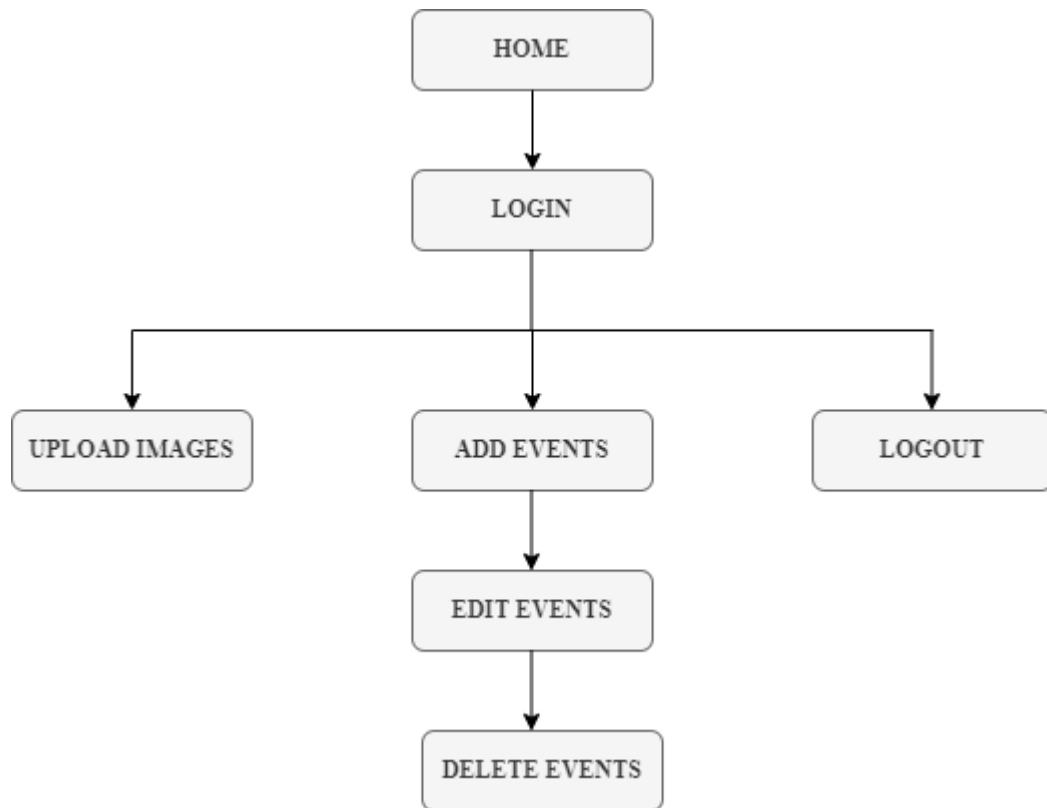


Fig. 4.6: Control-Flow Diagram

5 Use-Case Diagram:

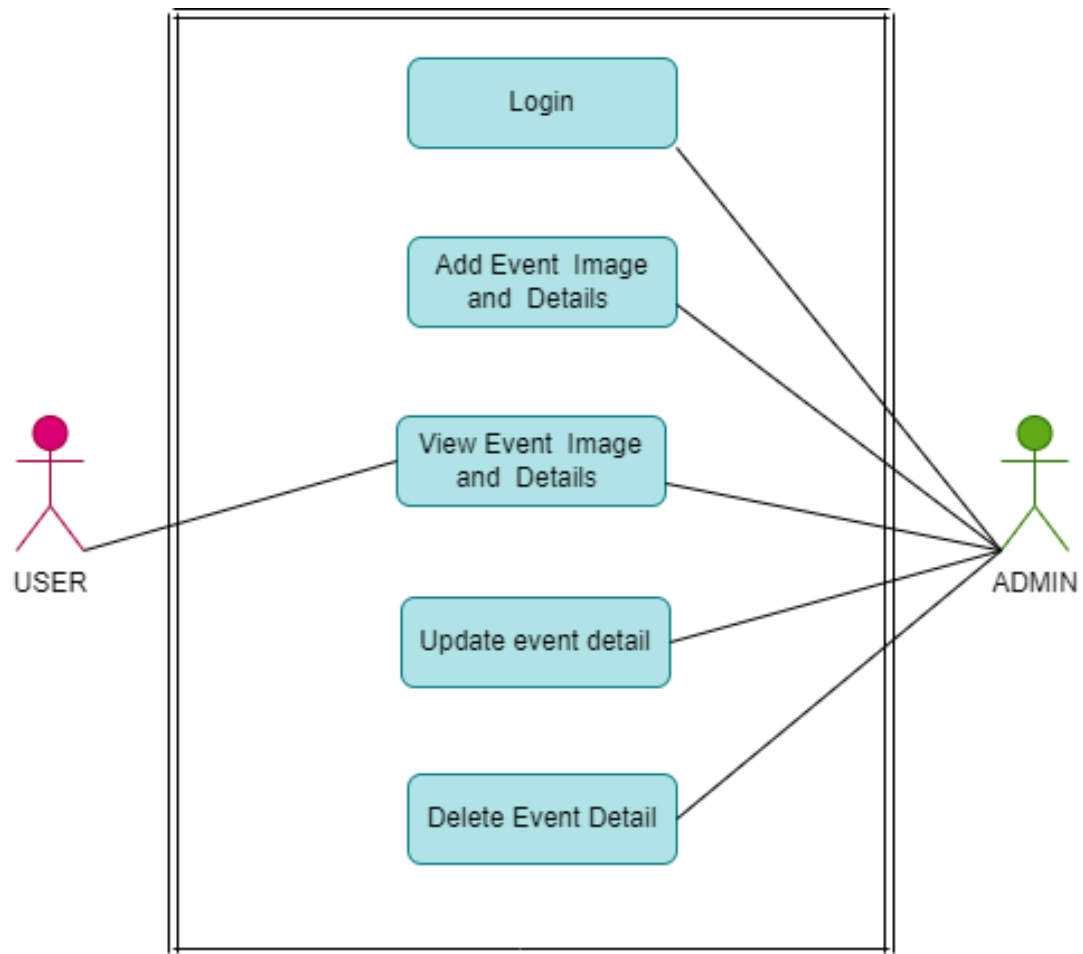


Fig. 4.7: Use-Case Diagram

6 System Architecture:

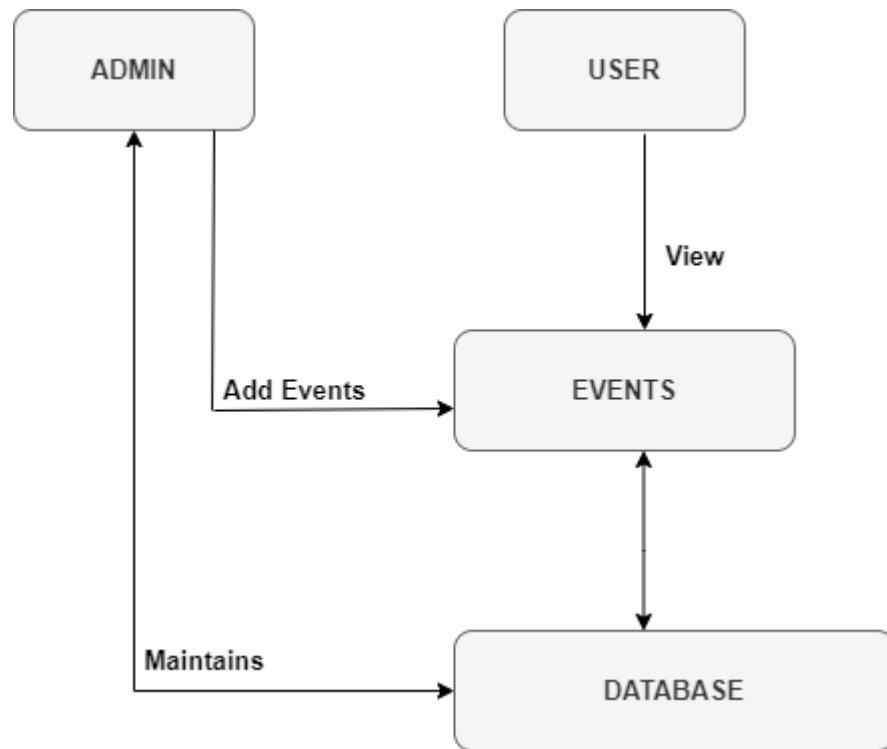


Fig. 4.8: System Architecture



5.USER INTERFACE (UI)

1. Home Page:

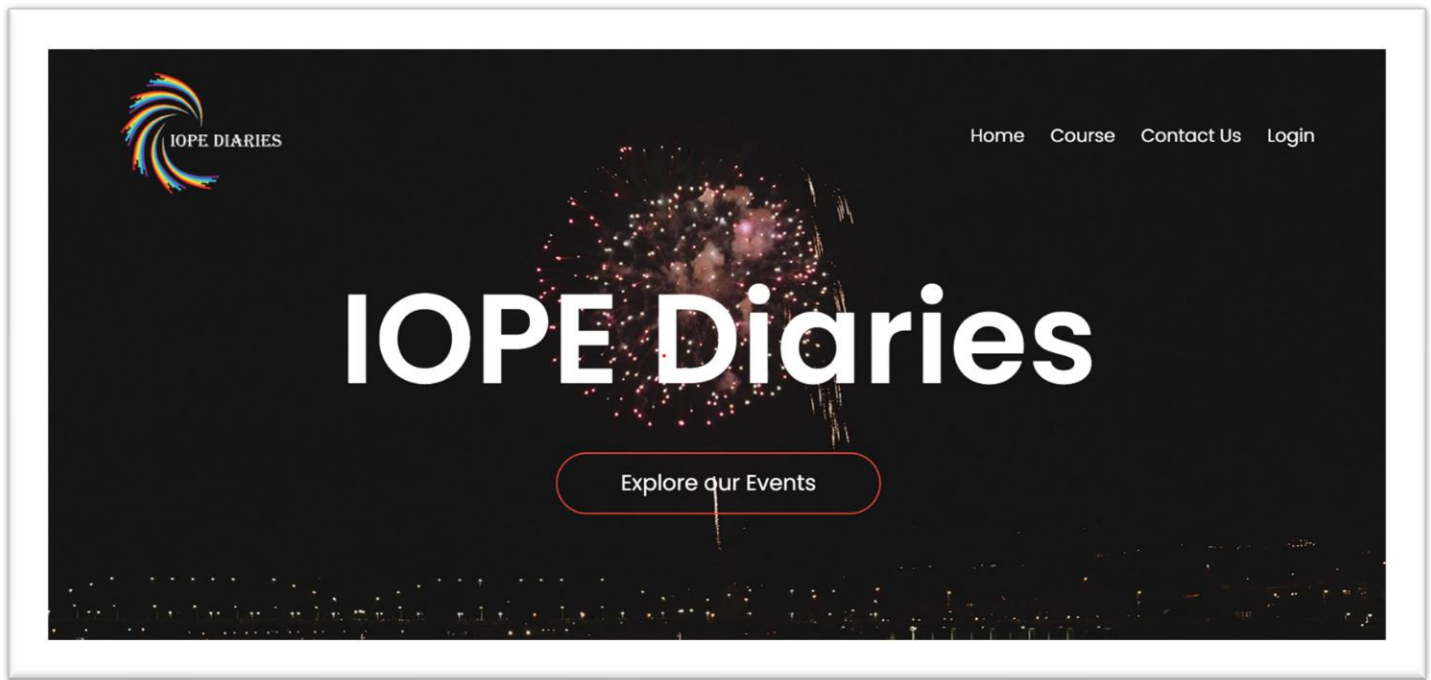


Fig. 5.1: Home Page

2. Course Section:

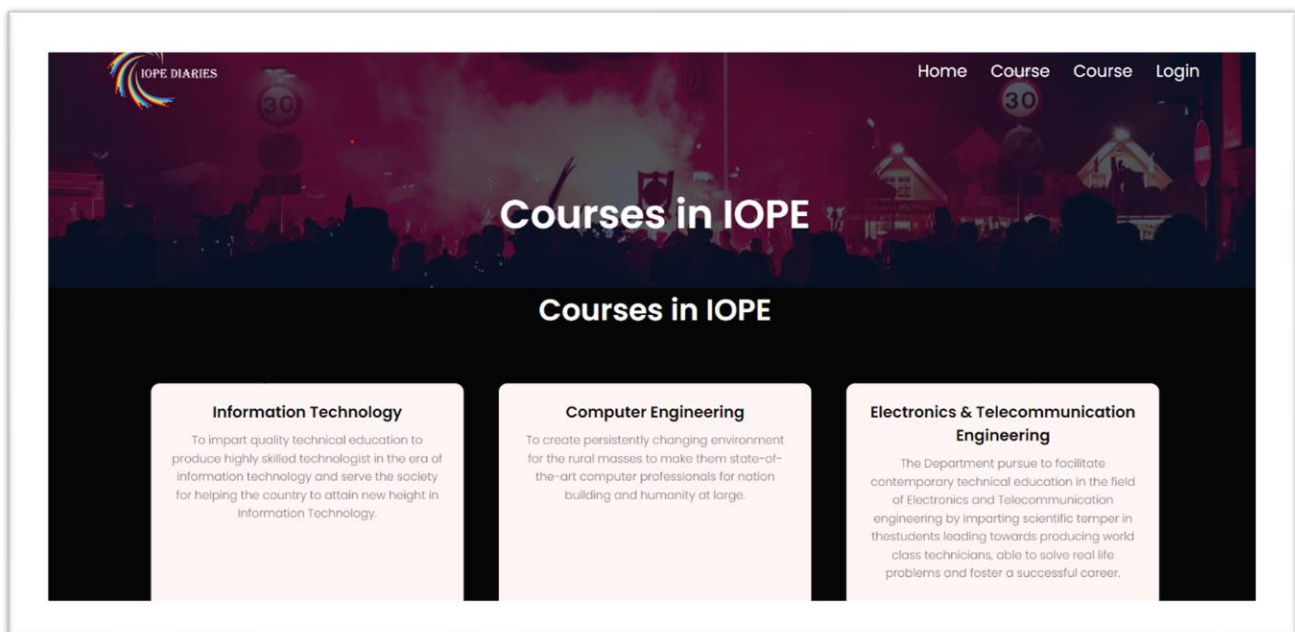


Fig. 5.2: Course Section

3. Log-In Page:

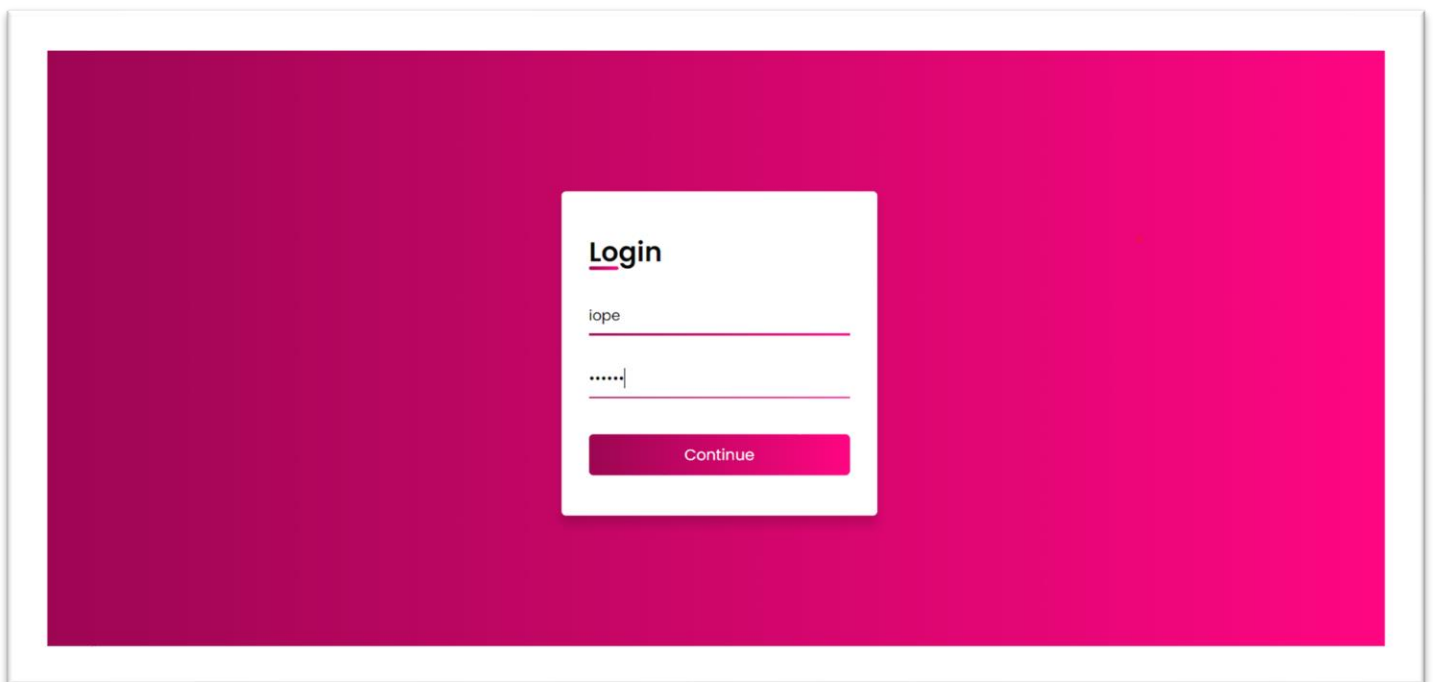


Fig. 5.3: Log-In Page

4. Admin Event Uploading Page:

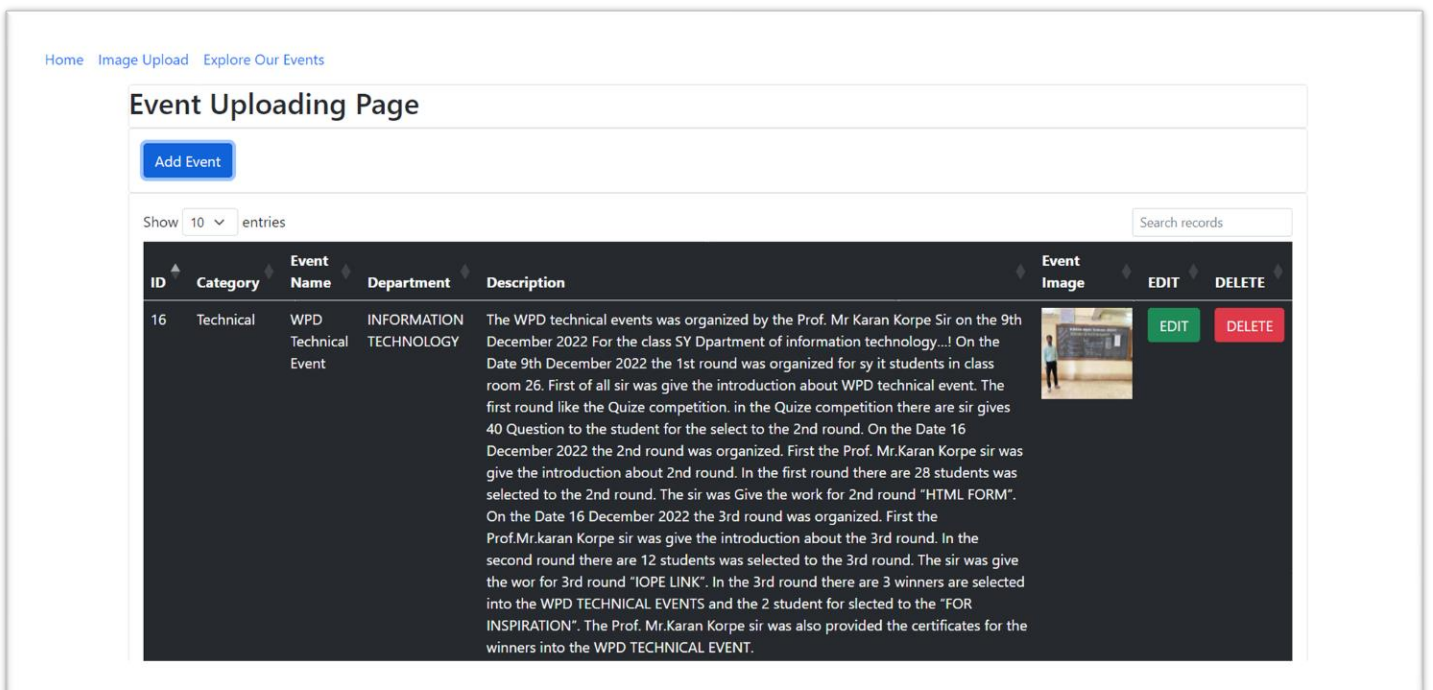


Fig. 5.4: Admin Event Uploading Page

5. Event Form:

The screenshot shows the 'Event Uploading Page' with a modal titled 'Add Event Details' open. The modal contains the following fields:

- Name:** Enter Event Name
- Category:** Technical
- Department:** Enter Department Name
- Description:** Enter Event Description
- Upload Image:** Choose File (No file chosen)
- Date:** dd-mm-yyyy

Buttons at the bottom of the modal are 'Close' and 'Save Data'. The background page shows a table with event details and a search bar.

Fig. 5.5: Event Form

6. Admin Image Upload Page:

The screenshot shows the 'Admin Image Upload Page'. At the top, there is a form with the following fields:

- Name:** Enter Event Name
- Upload Image:** Choose Files (No file chosen)

Buttons at the bottom of the form are 'Close' and 'Upload'. Below the form is a gallery of six images showing students and faculty members in various settings, including a classroom and a group photo.

Fig. 5.6: Admin Image Upload Page

7. User-side Event Section:



Fig. 5.7: User-Side Event Section

8. Details of a particular event:

The WPD technical events was organized by the Prof. Mr Karan Korpe Sir on the 9th December 2022 For the class SY Dpartment of information technology...! On the Date 9th December 2022 the 1st round was organized for sy it students in class room 26. First of all sir was give the introduction about WPD technical event. The first round like the Quize competition. in the Quize competition there are sir gives 40 Question to the student for the select to the 2nd round. On the Date 16 December 2022 the 2nd round was organized. First the Prof. Mr.Karan Korpe sir was give the introduction about 2nd round. In the first round there are 28 students was selected to the 2nd round. The sir was Give the work for 2nd round "HTML FORM". On the Date 16 December 2022 the 3rd round was organized. First the Prof.Mr.karan Korpe sir was give the introduction about the 3rd round. In the second round there are 12 students was selected to the 3rd round. The sir was give the wor for 3rd round "IOPE LINK". In the 3rd round there are 3 winners are selected into the WPD TECHNICAL EVENTS and the 2 student for slected to the "FOR INSPIRATION". The Prof. Mr.Karan Korpe sir was also provided the certificates for the winners into the WPD TECHNICAL EVENT.



Fig. 5.8 Details of a particular Event



6. SOURCE CODE SNIPPETS

1. HTML:

```
home.php
1
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5     <meta charset="UTF-8">
6     <meta http-equiv="X-UA-Compatible" content="IE=edge">
7     <meta name="viewport" content="width=device-width, initial-scale=1.0">
8     <title>IOPE Diaries</title>
9     <link rel="stylesheet" href="home.css">
10    <script src="https://kit.fontawesome.com/de1910d810.js" crossorigin="anonymous"></script>
11    <link rel="preconnect" href="https://fonts.googleapis.com">
12    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
13    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;600;700&display=swap" rel="stylesheet">
14    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@6.2.1/css/fontawesome.min.css">
15 </head>
16 <body>
17     <section class="header">
18
19         <video autoplay loop muted plays-inline class="back-video">
20             <source src="images/vid5.mp4" type="video/mp4">
21         </video>
22         <nav>
23             <a href=""></a>
24             <div class="nav-links" id="navLinks">
25                 <i class="fa fa-times" onclick="hideMenu()"></i>
26                 <ul>
27                     <li><a href="home.php">Home</a></li>
28                     <li><a href="crs.php">Course</a></li>
29                     <li><a href="contact.php">Contact Us</a></li>
30                     <li><a href="login.php">Login</a></li>
```

Fig. 6.1: HTML

2. PHP:

```
insertcode.php ×
event new > insertcode.php
1  <?php
2
3  $connection = mysqli_connect("localhost","root","");
4  $db=mysqli_select_db($connection, 'event_db');
5
6
7
8
9  if(isset($_POST['saveevent'])){
10
11      $id= $_POST['id'];
12      $name = $_POST['event_name'];
13      $category = $_POST['event_category'];
14      $department = $_POST['department'];
15      $description = $_POST['event_desc'];
16      $images = $_FILES["event_image"]["name"];
17
18
19      if(file_exists("uploads/" . $_FILES["event_image"]["name"])){
20          $store = $_FILES["event_image"]["name"];
21          $_SESSION['status']= "Image already exists. ".$store.'';
22          header('Location: events.php');
23      }
24      else{
25          $query="INSERT INTO events (`category`,`event_name`,`department`,`event_desc`,`event_image`) VALUES ('$category','$name','$department',
26              '$description','$images')";
27          $query_run = mysqli_query($connection, $query) > 0;
28
29          if($query_run){
30              move_uploaded_file($_FILES["event_image"]["tmp_name"], "uploads/".$_FILES["event_image"]["name"]);
31              $_SESSION['success'] = "Event Added";
32              header('Location: events.php');
```

Fig. 6.2: PHP



3. Connection File:

```
db.conn.php
1  <?php
2
3  # server name
4  $sName = "localhost";
5  # user name
6  $uName = "root";
7  # password
8  $pass = "";
9
10 # database name
11 $db_name = "image_db";
12
13 #creating database connection
14 try {
15     $conn = new PDO("mysql:host=$sName;dbname=$db_name",
16                     $uName, $pass);
17
18     $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
19
20 }catch(PDOException $e){
21     echo "Connection failed : ". $e->getMessage();
22 }
```

Fig. 6.3: Connection File



4. Database:

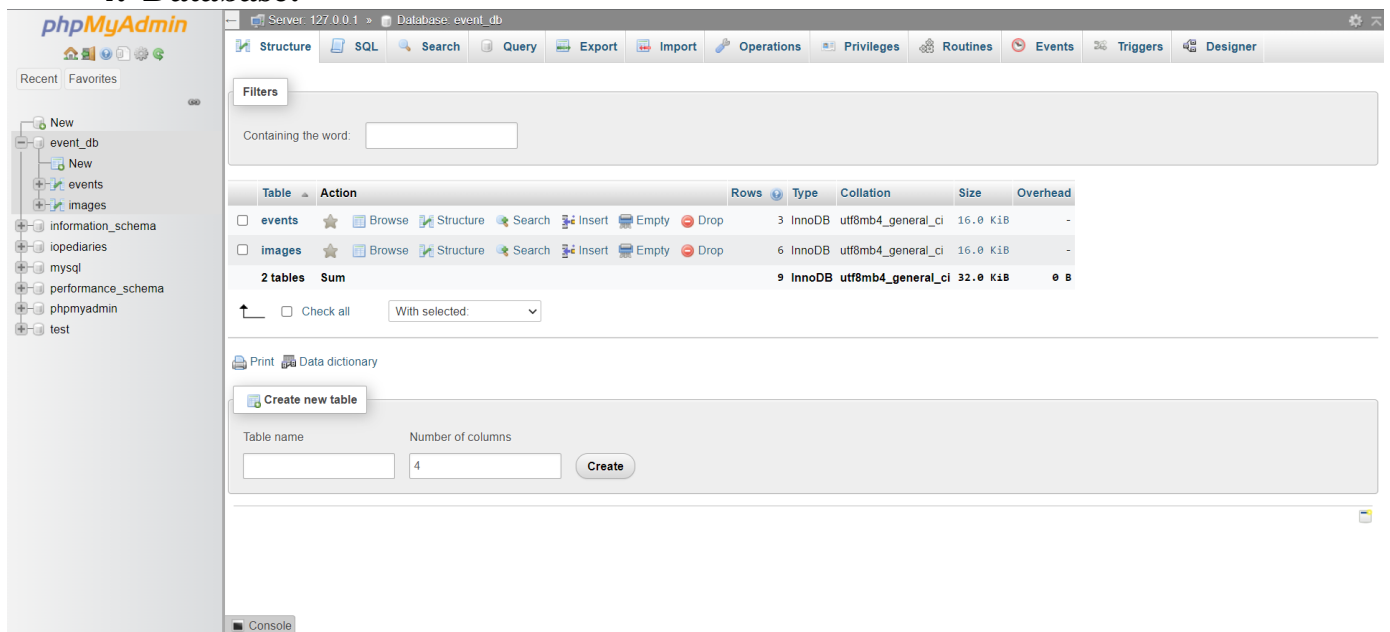


Fig. 6.4.1: Database

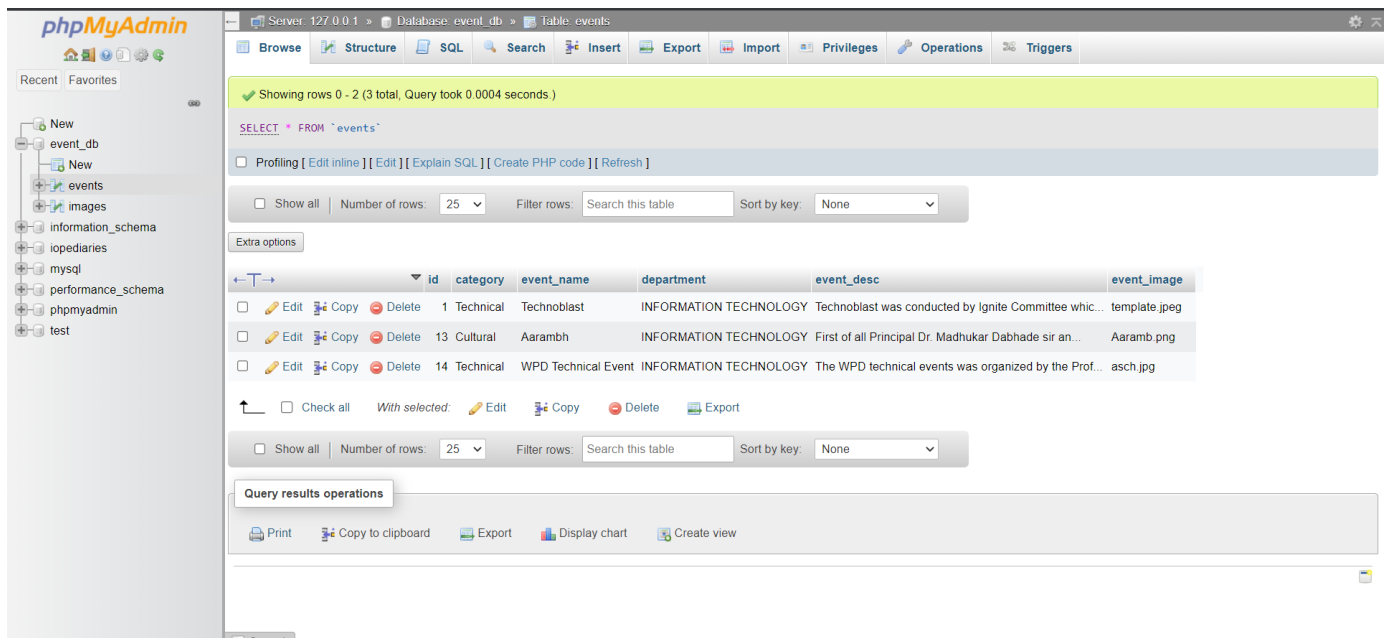


Fig. 6.4.2: Database (Events Table)

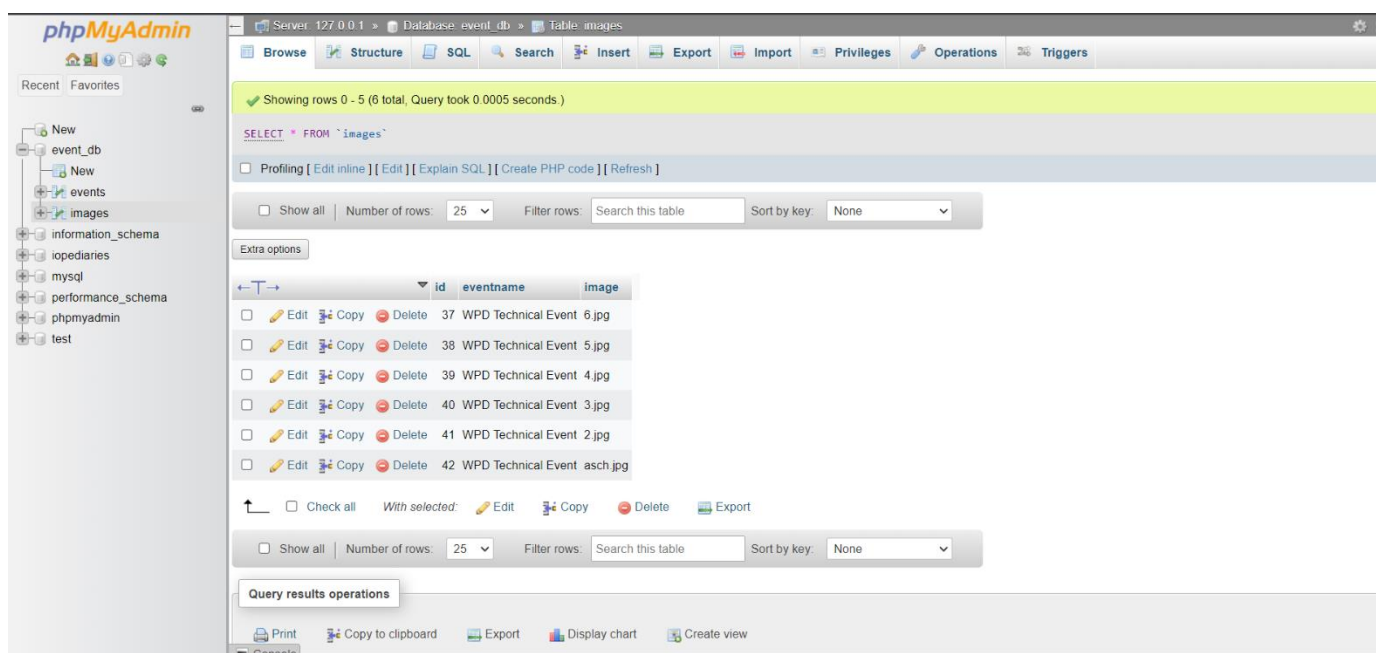


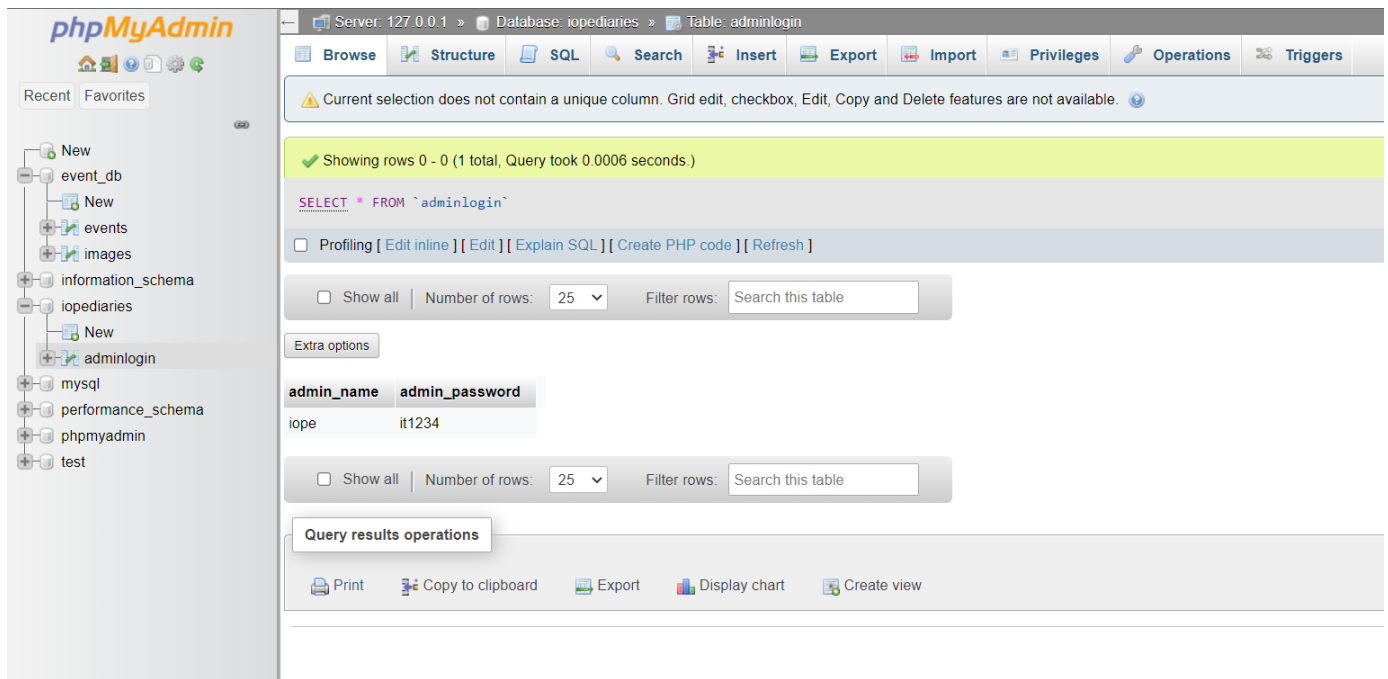
Fig. 6.4.3: Database (Images Table)

5. Sign-up Logic:

Admin Login with set Id Password Validation &
Database (phpMyAdmin) linking.

```
<?php
if(isset($_POST['Signin']))
{
    $query = "SELECT * FROM `adminlogin` WHERE `Admin_Name`='".$_POST[AdminName]` AND `Admin_Password`='".$_POST[AdminPassword]`";
    $result=mysqli_query($con, $query);
    if(mysqli_num_rows($result)==1)
    {
        session_start();
        $_SESSION['AdminLoginId'] = $_POST['AdminName'];
        header("location: event new/events.php");
    }
    else
    {
        echo "<script>
        alert('Incorrect Password');
        </script>";
    }
}
?>
```

Fig. 6.5.1: Log-In Logic



The screenshot displays the phpMyAdmin interface for the 'iopediaries' database, specifically the 'adminlogin' table. The left sidebar shows the database structure with 'adminlogin' selected. The main panel shows the table's structure with columns 'admin_name' and 'admin_password'. The data row shows 'iope' for 'admin_name' and 'it1234' for 'admin_password'. The query results section shows the SQL query 'SELECT * FROM `adminlogin`' and the result set.

Server: 127.0.0.1 » Database: iopediaries » Table: adminlogin

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)

`SELECT * FROM `adminlogin``

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

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

admin_name	admin_password
iope	it1234

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Fig. 6.5.2: Log-In Logic (Database)

6. Meet the Team

Team CodeHolics 🔥

“None of us is as smart as all of us”

- Ken Blanchard



Sejal Ravindra Pawar



Manish Shashikant Jadhav



Shruti Sanjay Gurav

CodeHolics 🔥

“Great things are rarely achieved by just one person. Usually, they are accomplished by a group of people, and when everyone is committed to the overall goal, teams move faster, are more innovative and more successful. Successful teamwork is essential for anyone attempting complete projects successfully”



6.1 Team CodeHolics during their project work:

Team CodeHolics discussing and working on the project ‘IOPE Diaries’, in virtual meetings using Google Meet:

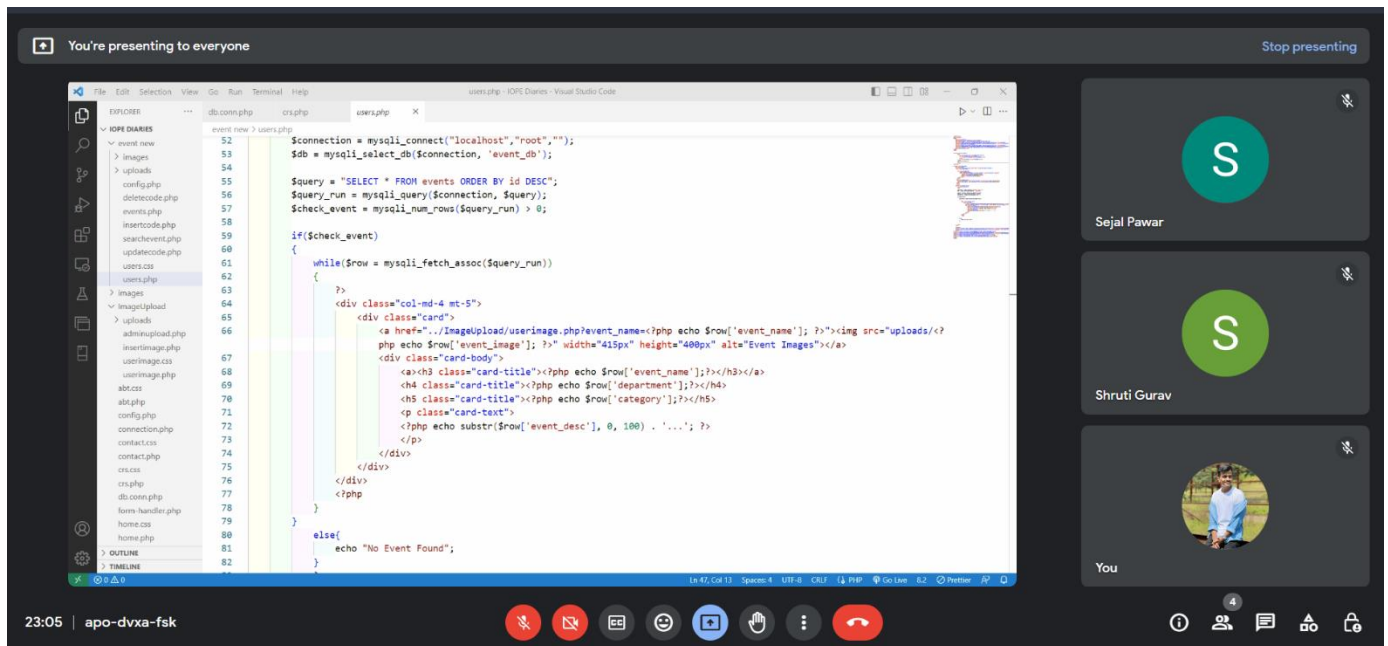


Fig. 7.1: Project Meetings

6.2 Roles of team members:

- 1. Sejal Ravindra Pawar:** Team Leader, Back-end Developer & UI Developer.
- 2. Manish Shashikant Jadhav:** Database Administrator.
- 3. Shruti Sanjay Gurav:** Documentation.



A CREATION BY

Team CodeHolics

CONCLUSION

In conclusion, the implementation of the event project in our college has significantly enhanced the overall event management experience for both the administrators and users. By introducing an intuitive interface, the project has provided a seamless platform for administrators to upload event details and associated images, while enabling users to access and explore these events conveniently.

The **“IOPE Diaries”** has proven to be an effective solution for streamlining the event displaying process within the college. Administrators now have the ability to effortlessly upload event information and images, reducing manual efforts and ensuring accuracy in event display. This centralized approach has facilitated efficient event organization and coordination, making it easier to keep the college community informed about upcoming events.

For users, the **“IOPE Diaries”** has brought about a user-friendly experience. Through the user event section, individuals can conveniently browse through various events hosted by the college. With just a click, users can access detailed event descriptions and captivating images, allowing them to make well-informed decisions about which events they wish to participate in.

By leveraging the **“IOPE Diaries”**, the college has successfully created an engaging and interactive event platform. The project's ability to display event details and images in a user-friendly manner will significantly increase user engagement and participation in college events. This, in turn, has contributed to a vibrant campus culture and fostered a sense of community among students, faculty, and staff.

In conclusion, the **“IOPE Diaries”** has revolutionized the way events are displayed and accessed in our college. Its successful implementation has simplified event management, strengthened the college community. With ongoing maintenance and enhancements, the event project will continue to play a vital role in facilitating seamless event organization and fostering a dynamic campus environment.

REFERENCES

<https://www.youtube.com/c/CodeWithHarry>
<https://www.w3schools.com/php/>
<https://www.geeksforgeeks.org/php-tutorials/>
<https://www.geeksforgeeks.org/javascript/>
<https://getbootstrap.com/docs/5.0/getting-started/introduction/>
<https://youtu.be/XhFwXL0yE6E>
<https://fontawesome.com/>
https://youtu.be/qgb_XqfwAec
<https://youtu.be/WoftcZDfeoQ>
<https://cdn.datatables.net/>
<https://youtu.be/KljAKbOAY6M>
<https://youtu.be/onu3w8kqASU>
<https://youtu.be/mh4MVFiMZTM>
<https://youtu.be/oOL--VASs8Q>
<https://youtu.be/znqUwx0b0HI>

