Project Report on

Workshop Portal

at

U. V. Patel College of Engineering



Internal Guide:

Prof. Ritesh Upadhyay

Prepared By:

Mr. Murtaza Bilwaniwala (19012011005) Mr. Kaushal Vibhakar (19012011091)

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Submitted to,
Department of Computer Engineering
U.V. Patel College of Engineering
Ganpat University, Kherva - 384 012

U.V. PATEL COLLEGE OF ENGINEERING



07/06/22

CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Murtaza Bilwaniwala student of B.Tech. Semester VI (Computer Engineering) has completed his full semester on site project work titled "Workshop Portal" satisfactorily in partial fulfillment of the requirement of Bachelor of Technology degree of Computer Engineering of Ganpat University, Kherva, Mehsana in the year 2021-2022.

Prof. Ritesh Upadhyay College Project Guide

Dr. Paresh M. Solanki Head, Computer Engineering

U.V. PATEL COLLEGE OF ENGINEERING



07/06/22

CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Kaushal Vibhakar student of B.Tech. Semester VI (Computer Engineering) has completed his full semester on site project work titled "Workshop Portal" satisfactorily in partial fulfillment of the requirement of Bachelor of Technology degree of Computer Engineering of Ganpat University, Kherva, Mehsana in the year 2021-2022.

Prof. Ritesh Upadhyay College Project Guide

Dr. Paresh M. Solanki Head, Computer Engineering

ACKNOWLEDGEMENT

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1. Introduction

1.1 Problem Statement:

In today's hectic schedule of students and teachers, it's really hard for them to survey about the Workshop/Seminars in their areas of interest and get its detailed information.

1.2 Objective:

To create a complete user friendly Web Application not only for the students but for the faculty as well to keep updated and track of the workshop events going on or going to be in the college. Students/Faculty who want to be involved with a specific event in their area of interest can enroll through the app as well as get the detailed information about the event such as its date, time, venue, description and information about tickets if any.

1.3 Workflow:

Register > Login > Home Page > My Profile > Logout

1.4 Benefits:

Helps Students/Faculty to keep tabs on current or upcoming events and what they've achieved so far with the same.

Easy Accessibility and a move towards Paperless system.

Student/Faculty can find others with the same interests and interact with them.

1.5 Existing Application :

None for our College.

1.6 Project Duration:

1 Year.

1.7 Future Enhancements:

Planning to build the Application limited to our college at the moment but might upgrade the Application as a generalized version which can be used by anyone from any college.

2. Feasibility Study

2.1 Study of Current System:

Suppose we want to organize an event in college we need to create posters, banners and make an announcement in classes so that students participate but if any student got absent on that day, then he will remain unnotified. We have to constantly keep in touch with the respective faculty/student for the updates and the whole process is time consuming.

2.2 Requirements of New System:

None such current online system exists.

Whenever a new system (a hardware or software) is to be introduced, there is a need to study the new system in every aspect or manner before working on it. We get the idea whether the project is adequate or not. This is where Feasibility study comes in. The three key considerations are involved in the feasibility analysis are as under:

2.3 Technical Feasibility:

It refers to technical knowhow.

Existing technology supports the system completely.

2.4 Operational Feasibility:

It means is it possible to practically implement the project. While installing this software, the hardware and software requirements should be specified.

Our system will be easy to install and use. Hence our system is operationally feasible.

2.5 Economical Feasibility:

It refers to financial support required. It refers to finance incurred during the development of the project.

Economical Feasibility is mainly concerned with the cost incurred in the implementation of the software. Since this project is developed using ASP.NET with C# and SQL Server which is most commonly available and even the cost involved in the installation process is not high. Hence this project has good economical feasibility.

2.6

Hardware Requirements: Processor: Intel Pentium 4 or More

: RAM : 1 GB or More

: Internet Connectivity is a must for this purpose.

: Basic Peripherals

Software Requirements: Microsoft .Net Framework 3.5

: Microsoft Visual Studio 2008

: Microsoft ASP.Net 3.5

: Microsoft C# .Net Language : Microsoft SQL Server 2005

3. System Requirements Study

3.1 Functional Requirements:

These are the requirements that the end user specifically demands as basic facilities that the system should offer. All these functionalities need to be necessarily incorporated into the system as a part of the contract. These are represented or stated in the form of input to be given to the system, the operation performed and the output expected. They are basically the requirements stated by the user which one can see directly in the final product, unlike the non-functional requirements.

Examples : Register & Login.

: Verification Email is sent when the user registers for the first time.

: Get notified on the emails the user selected to be alerted on.

: Follow events of your interests.

3.2 Non-functional Requirements:

These are basically the quality constraints that the system must satisfy according to the project contract. The priority or extent to which these factors are implemented varies from one project to other. They are also called non-behavioural requirements.

They basically deal with issues like: Portability

: Security

: Maintainability

: Reliability

: Scalability

: Performance

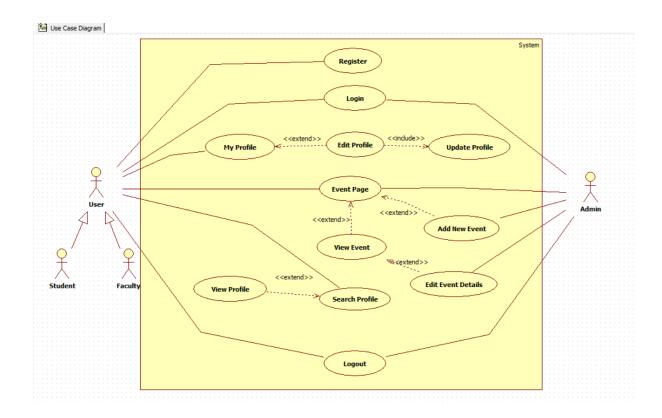
: Reusability

Examples: Each user must use different Emails.

: Password should contain Alphabets as well as Numbers.

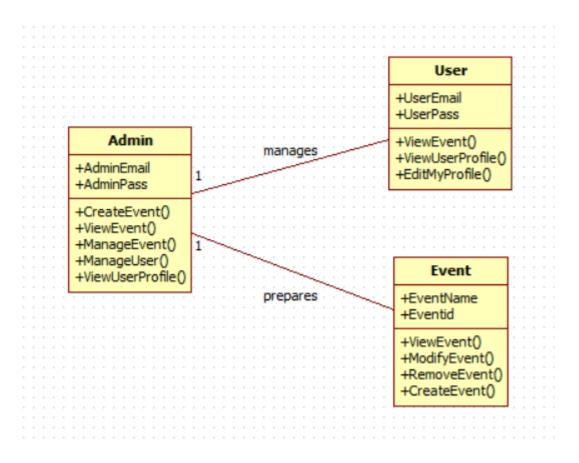
4. System Design

4.1 Use Case Diagram:



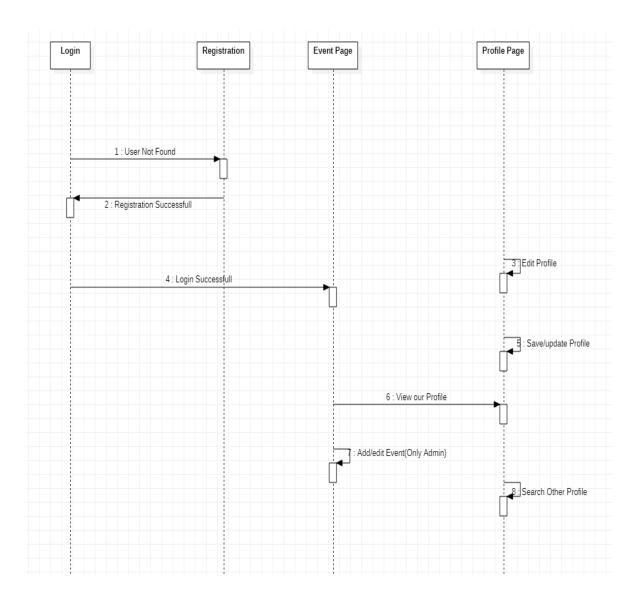
(Figure 4.1)

4.2 Class Diagram:



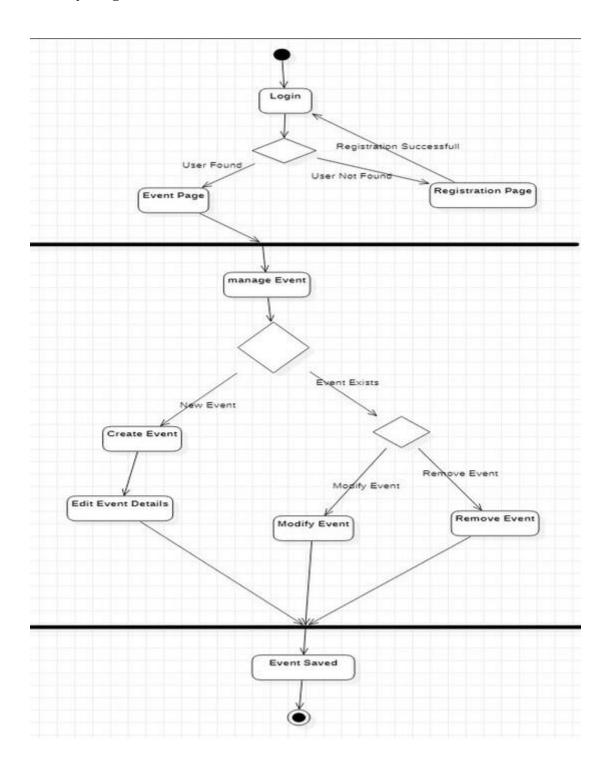
(Figure 4.2)

4.3 Sequence Diagram:



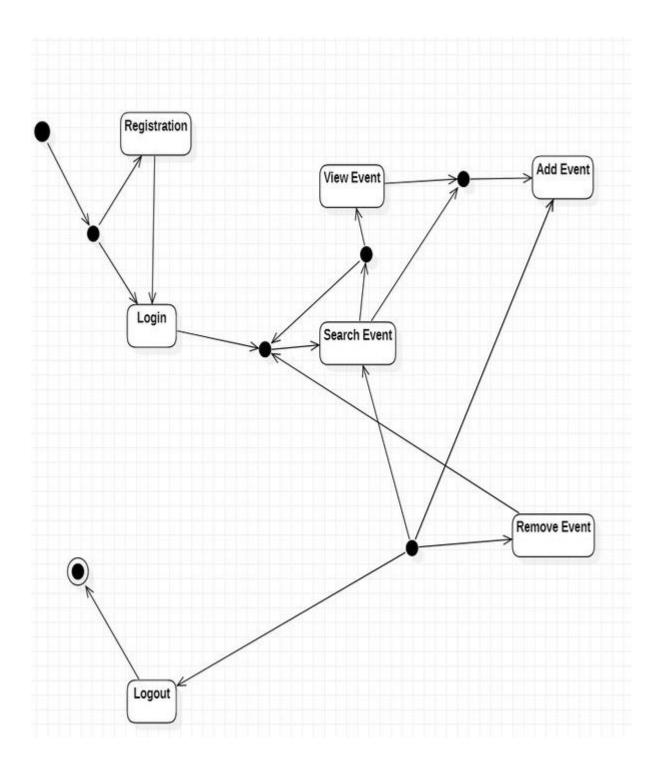
(Figure 4.3)

4.4 Activity Diagram:



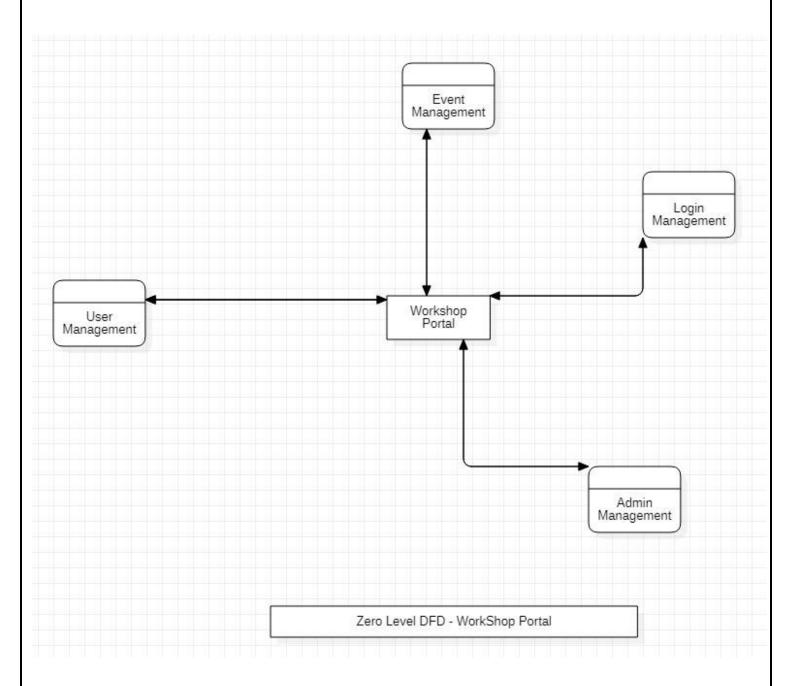
(Figure 4.4)

4.5 State Diagram:

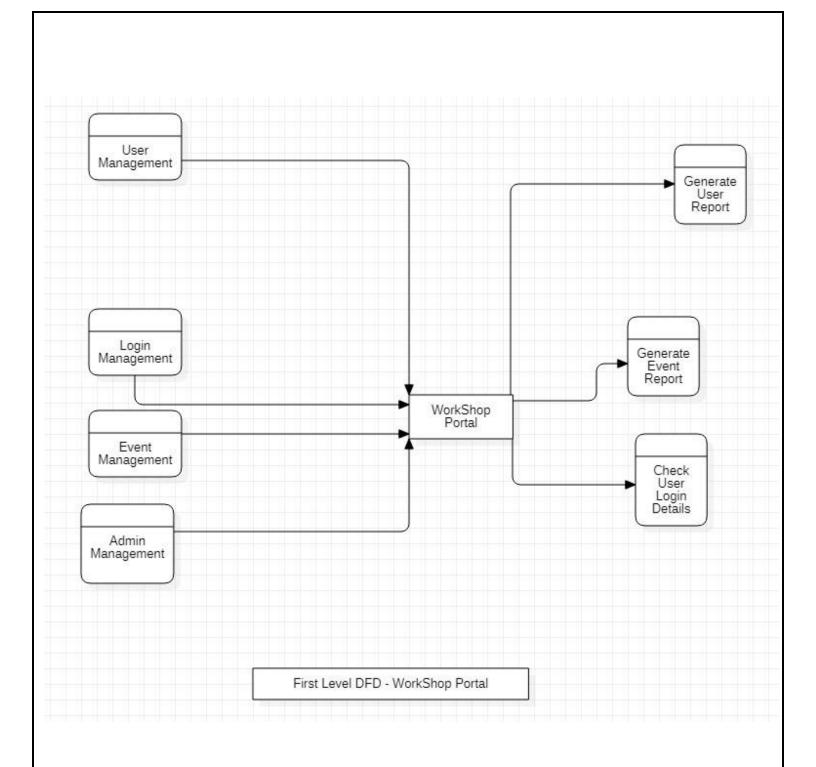


(Figure 4.5)

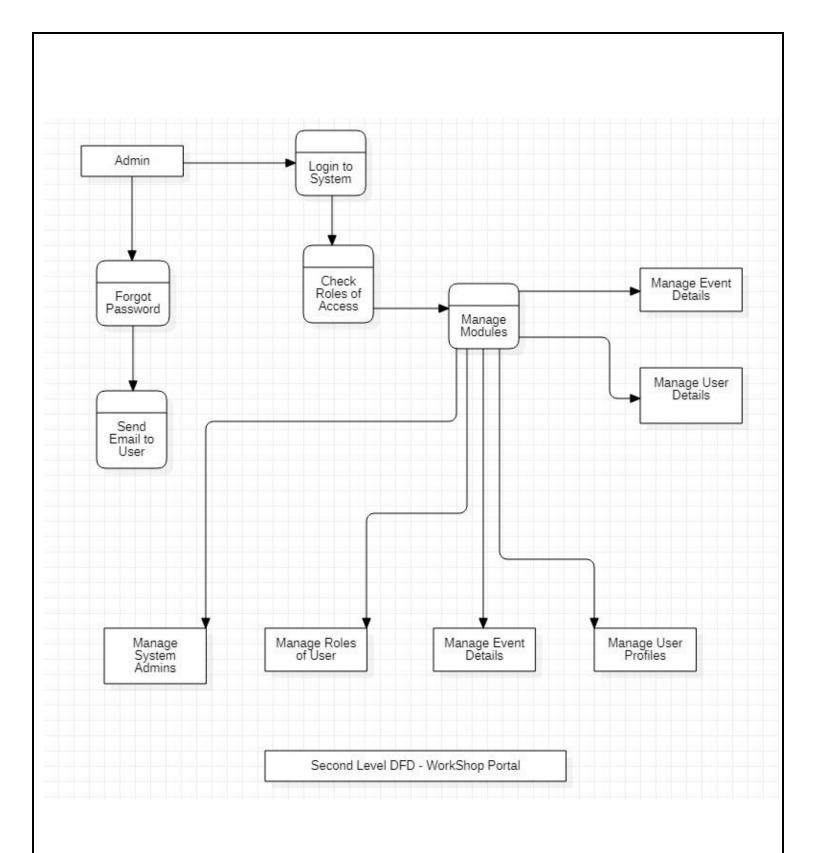
4.6 Data Flow Diagram:



Zero Level DFD (Figure 4.6)



First Level DFD (Figure 4.7)



Second Level DFD (Figure 4.8)

5. Data Dictionary:

5.1 Admin Login Table :

Field Name	Data Type	Constraint	Description
User Name	Varchar (255)	Not Null	Username for Login Procedure
Password	Varchar (255)	Not Null	Password for Login Procedure

(Table 5.1)

5.5 Event Table :

Field Name	Data Type	Constraint	Description
Event_ID	Int (11)	Not Null	Event ID Number
Event_Title	Varchar (255)	Not Null	Title of the Event
Event_Description	Varchar (255)	Not Null	Description of the Event
Event_StartDate	Varchar (255)	Not Null	Starting Date of the Event
Event_EndDate	Varchar (255)	Not Null	Ending Date of the Event
Event_Cost	Int (11)	Not Null	Cost if any of the Event
Event_LocationID	Int (11)	Not Null	Location of the Event

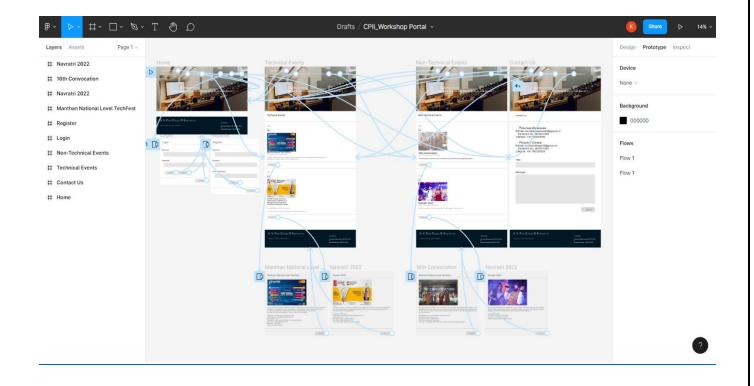
(Table 5.2)

5.5 Location Table :

Field Name	Data Type	Constraint	Description
LocationID	Int (11)	Not Null	Location ID Number
Name	Varchar (255)	Not Null	Name of the Location
Address	Varchar (255)	Not Null	Address of the Location
MaxCapacity	Varchar (255)	Not Null	Maximum Capacity of the Location

(Table 5.3)

6. Prototype:



7. Implementation:

7.1 Coding:

Header File:

```
<header class="bgImage">
   <nav class="navbar">
       <div class="container">
           <div class="navbar-header">
              <?php
              require_once 'utils/functions.php';
              echo '<a href = "index.php" class = "navbar-brand"> Workshop Portal </a>';
           </div>
           <?php
              if (is_logged_in()) {
                  require_once 'utils/functions.php';
                  echo '<a href = "index.php">Home</a>';
                  echo '<a href = "viewEvents.php">Events</a>';
                  echo '<a href = "viewLocations.php">Locations</a>';
                  echo '<a href = "contact.php">Contact Us</a>';
                  echo '<a class = "btn btn-default navbar-btn" href =</pre>
"logout.php">Logout <span class = "glyphicon glyphicon-log-out"></span></a>';
              } else {
                  echo '<a href = "index.php">Home</a>';
                  echo '<a href = "events2.php">Technical Events</a>';
                  echo '<a href = "locations2.php">Non Technical Events</a>';
                  echo '<a href = "contact.php">Contact Us</a>';
                  echo '<button type = "button" class = "btn btn-default navbar-btn" data-
toggle = "modal" data-target = "#login">Login <Span class="glyphicon glyphicon-log-
in"></span></button>';
              <div class="modal fade" id="login" tabindex="-1" role="dialog" aria-</pre>
labelledby="myModalLabel">
                  <div class="modal-dialog" role="document">
                      <div class="modal-content">
                          <div class="modal-header">
                             <button type="button" class="close" data-dismiss="modal" aria-</pre>
label="Close"><span aria-hidden="true">&times;</span></button>
                             <h4 class="modal-title" id="myModalLabel">Login</h4>
                          </div>
                          <div class="row">
                             <div class="modal-body">
                                 <div class="col-md-6 col-md-offset-3">
```

```
<form action="login.php" method="POST">
                                             <div class="form-group">
                                                 <label for="username">Username:</label>
                                                 <input type="text" name="username" class="form-</pre>
control" value="<?php if (isset($formdata['username'])) echo $formdata['username']; ?>" />
                                                 <span class="error">
                                                     <?php if (isset($errors['username'])) echo</pre>
$errors['username']; ?>
                                                 </span>
                                            </div>
                                            <div class="form-group">
                                                 <label for="password">Password:</label>
                                                 <input type="password" name="password"</pre>
class="form-control" value="" />
                                                 <span class="error">
                                                     <?php if (isset($errors['password'])) echo</pre>
$errors['password']; ?>
                                                 </span>
                                            </div>
                                            <button type="submit" class="btn btn-default</pre>
loginbtn">Login</button>
                                            <a class="btn btn-default navbar-btn rgsterbtn"</pre>
href="register form.php">Register</a>
                                        </form>
                                    </div>
                                </div>
                            </div>
                            <div class="modal-footer">
                                <button type="button" class="btn btn-default closebtn" data-</pre>
dismiss="modal">Close</button>
                                 </div>
                        </div>
                    </div> </div>
             </div>
    </nav>
    <div class="col-md-12">
        <div class="container">
            <div class="jumbotron">
                <h1>Workshop Portal</h1>
                    All your Events and Workshops at one place!
                </div>
        </div>
    </div> </header>
```

Footer File:

```
<hr class="footerline">
(footer>
   <div class="container">
       <div class="row">
          <section>
              <div class="footerContent col-md-4">
                  <strong>U</strong><span class="small footerSubtext">.</span>
                      <strong>V</strong><span class="small footerSubtext">.</span>
                      <strong>P</strong><span class="small footerSubtext">atel</span>
                      <strong>C</strong><span class="small footerSubtext">ollege</span>
                      <strong>0</strong><span class="small footerSubtext">f</span>
                      <strong>E</strong><span class="small footerSubtext">ngineering</span>
                  Ganpat University, Kherva 384012
              </div>
          </section>
           <section>
              <div class="footcontent col-md-4">
              </div>
          </section>
           <section>
              <div style="text-align:center" class="footcontent col-md-4">
                  Created By :<br><br></ri>
                  <strong>M</strong><span class="small footerSubtext">urtaza</span>
                      <strong>B</strong><span class="small footerSubtext">ilwaniwala</span>
                      <span class="small footerSubtext">[19012011005]</span>
                      <br>
                      <strong>&</strong>
                      <strong>K</strong><span class="small footerSubtext">aushal</span>
                      <strong>V</strong><span class="small footerSubtext">ibhakar</span>
                      <span class="small footerSubtext">[19012011091]</span>
                  </div>
          </section>
       </div>
   </div>
</footer>
```

Home Page:

Events Page (Without Login):

```
<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Technical Events Page</title>
    <?php require 'utils/styles.php'; ?>
    <?php require 'utils/scripts.php'; ?>
</head>
<body>
    <?php require 'utils/header.php'; ?>
    <div class="content">
        <div class="container">
            <div class="col-md-12">
                <h1>Technical Events</h1>
            </div>
        </div>
        <div class="container">
            <div class="col-md-12">
                <hr>>
            </div>
        </div>
        <div class="modal fade" id="manthan" tabindex="-1" role="dialog" aria-</pre>
labelledby="myModalLabel">
            <div class="modal-dialog" role="document">
                <div class="modal-content">
                    <div class="modal-header">
```

```
<button type="button" class="close" data-dismiss="modal" aria-</pre>
label="Close"><span aria-hidden="true">&times;</span></button>
                        <h4 class="modal-title" id="myModalLabel">Manthan National Level
TechFest</h4>
                    </div>
                    <div class="row">
                        <div class="modal-body">
                            <div class="col-md-6">
                                <img src="images/manthan2.jpg" class="img-responsive">
                            <div class="modaltext2 col-md-12">
                                    A quiz is a form of game or mind sport, in which the
players in teams attempt to answer questions correctly.
                                    It is a game to test your knowledge about a Computer
science and application field.
                                    It might be the best way to get unfamiliar things of
computer science industries.
                                    You will be served scrumptiously in order to make your mind
sharp.
                                Organizers : Architecture, Design & Planning<br>
                                    Email Address : info@ganpatuniversity.ac.in<br>
                                    Participants : 100<br>
                                    Contact No : (M): +91 8178514690 (M): +91 9904057884<br>
                                    Start Date: 18/01/2022 06:30 PM<br>
                                    End Date : 19/01/2022<br>
                                    Venue : Ganpat University<br>
                                </div>
                        </div>
                    </div>
                    <div class="modal-footer">
                        <button type="button" class="btn btn-default closebtn" data-</pre>
dismiss="modal">Close</button>
                    </div>
                </div>
            </div>
        </div>
        <div class="row">
            <section>
                <div class="container">
                    <div class="date col-md-1">
                        <span class="month">JAN</span><br>
```

```
<hr class="line">
                       <span class="day">18</span>
                   </div>
                    <div class="col-md-5">
                       <img src="images/manthan1.jpg" class="img-responsive">
                   </div>
                   <div class="subcontent col-md-6">
                       <h1 class="title">Manthan National Level TechFest</h1>
                       PG Seminar Hall, Ganpat University 
                       A quiz is a form of game or mind sport, in which the players in
teams attempt to answer questions correctly.
                           It is a game to test your knowledge about...
                       <hr class="customline2">
                       <button type="button" class="btn btn-default btn-lg" data-</pre>
toggle="modal" data-target="#manthan">
                           View Details   <span class="glyphicon glyphicon-new-window"
aria-hidden="true"></span>
                       </button>
                   </div>
               </div>
           </section>
        </div>
        <div class="container">
           <div class="col-md-12">
               <hr>>
           </div>
        </div>
        <div class="modal fade" id="gcemp" tabindex="-1" role="dialog" aria-</pre>
labelledby="myModalLabel">
           <div class="modal-dialog" role="document">
               <div class="modal-content">
                   <div class="modal-header">
                       <button type="button" class="close" data-dismiss="modal" aria-</pre>
label="Close"><span aria-hidden="true">&times;</span></button>
                       <h4 class="modal-title" id="myModalLabel">Navratri 2022</h4>
                   </div>
                   <div class="row">
                       <div class="modal-body">
                           <div class="col-md-6">
                               <img src="images/gcemp2.jpg" class="img-responsive">
                           </div>
                           <div class="modaltext2 col-md-12">
```

```
In recent turmoil era, achieving competitive advantages
remains the top-of-the-mind agenda for any businesses
                                   which are experiencing paradigm shift due to multi-faceted
disruptions from circular economy and sustainability.
                               Organizers : Pharmacy<br>
                                   Email Address : gcemp2k20@ganpatuniversity.ac.in<br>
                                   Participants : 10<br>
                                   Contact No : (M): +91 9978996944<br>
                                   Start Date : 10/01/2022 03:30 PM<br>
                                   Venue : New MBA Building, Ganpat University <br >
                               </div>
                       </div>
                   </div>
                   <div class="modal-footer">
                       <button type="button" class="btn btn-default closebtn" data-</pre>
dismiss="modal">Close</button>
                   </div>
               </div>
           </div>
       </div>
        <div class="row">
           <section>
               <div class="container">
                   <div class="date col-md-1">
                       <span class="month">JAN</span><br>
                       <hr class="line">
                       <span class="day">23</span>
                   </div>
                   <div class="col-md-5">
                       <img src="images/gcemp1.jpg" class="img-responsive">
                   </div>
                   <div class="subcontent col-md-6">
                       <h1 class="title">GCeMP Ganpat University International Conference on
Management Perspectives, Practices & Research Trends</h1>
                       New MBA Building, Ganpat University 
                       In recent turmoil era, achieving competitive advantages remains...
<hr class="customline2">
                       <button type="button" class="btn btn-default btn-lg" data-</pre>
toggle="modal" data-target="#gcemp">
```

```
View Details   <span class="glyphicon glyphicon-new-window"
aria-hidden="true"></span>
                        </button>
                    </div>
                </div>
            </section>
        </div>
        <div class="container">
            <div class="col-md-12">
                <hr>>
            </div>
        </div>
        <div class="modal fade" id="coms2" tabindex="-1" role="dialog" aria-</pre>
labelledby="myModalLabel">
            <div class="modal-dialog" role="document">
                <div class="modal-content">
                    <div class="modal-header">
                        <button type="button" class="close" data-dismiss="modal" aria-</pre>
label="Close"><span aria-hidden="true">&times;</span></button>
                        <h4 class="modal-title" id="myModalLabel">International Conference on
Computing Science, Communication and Security (COMS2)</hd>
                    </div>
                    <div class="row">
                        <div class="modal-body">
                            <div class="col-md-6">
                                <img src="images/coms22.jpg" class="img-responsive">
                            </div>
                            <div class="modaltext2 col-md-12">
                                    The purpose of this conference is to publish high-quality
research works on Computing Science,
                                    Cloud Computing, Communication, Networking, Cyber Security
and Data and Information Security
                                    in theoretical and practical aspects and to promote state-
of-the-art research in these area.
                                Organizers : Architecture, Design & Planning<br>
                                    Email Address : nirbhay.chaubey@ganpatuniversity.ac.in<br>
                                    Participants : 100+<br>
                                    Contact No : (M): +91 6356680171<br>
                                    Start Date : 26/03/2022 11:45 AM<br>
                                    Start Date : 27/03/2022<br>
                                    Venue : AMPICS , Ganpat University<br>
                                </div>
```

```
</div>
                   </div>
                   <div class="modal-footer">
                       <button type="button" class="btn btn-default closebtn" data-</pre>
dismiss="modal">Close</button>
                   </div>
               </div>
           </div>
        </div>
       <div class="row">
           <section>
               <div class="container">
                   <div class="date col-md-1">
                       <span class="month">MAR</span><br>
                       <hr class="line">
                       <span class="day">26</span>
                   </div>
                   <div class="col-md-5">
                       <img src="images/coms21.jpg" class="img-responsive">
                   </div>
                   <div class="subcontent col-md-6">
                       <h1 class="title">International Conference on Computing Science,
Communication and Security (COMS2)</h1>
                       AMPICS, Ganpat University 
                       The purpose of this conference is to publish high-quality research
works on ...
                       <hr class="customline2">
                       <button type="button" class="btn btn-default btn-lg" data-</pre>
toggle="modal" data-target="#coms2">
                           View Details  <span class="glyphicon glyphicon-new-window"</pre>
aria-hidden="true"></span>
                       </button>
                   </div>
               </div>
           </section>
       </div>
    </div>
    <?php require 'utils/footer.php'; ?>
</body>
</html>
```

Contact Us Page:

```
<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
   <title>Contact Us Page</title>
   <?php require 'utils/styles.php'; ?>
    <?php require 'utils/scripts.php'; ?>
</head>
<body>
    <?php require 'utils/header.php'; ?>
    <div class="content">
        <div class="container">
            <div class="col-md-12">
                <h1>Contact Us</h1>
            </div>
        </div>
        <div class="container">
            <div class="col-md-12">
                <hr>>
           </div>
        </div>
        <div class="container">
            <div class="col-md-6 contacts">
                <h1><span class="glyphicon glyphicon-user"></span> Murtaza Bilwaniwala</h1>
                    <span class="glyphicon glyphicon-envelope"></span> Email:
murtazabilwaniwala19@gnu.ac.in<br>
                    <span class="glyphicon glyphicon-link"></span> Enrollment No :
19012011005<br>
                    <span class="glyphicon glyphicon-phone"></span> Mobile : +91 9624159352
                <h1><span class="glyphicon glyphicon-user"></span> Kaushal Vibhakar</h1>
                    <span class="glyphicon glyphicon-envelope"></span> Email :
kaushalvibhakar19@gnu.ac.in<br>
                    <span class="glyphicon glyphicon-link"></span> Enrollment No :
19012011091<br>
                    <span class="glyphicon glyphicon-phone"></span> Mobile : +91 7567261003
                </div>
            <div class="col-md-6">
                <form>
                    <hr>>
                    <div class="form-group">
```

```
<label for="Title">Title :</label>
                        <input type="text" name="title" id="Title" class="form-control">
                    </div>
                    <div class="form-group">
                        <label for="Comment">Message :</label>
                        <textarea id="Comment" rows="10" class="form-control"></textarea>
                    </div>
                    <button type="submit" class="btn btn-default pull-right">Send <span</pre>
class="glyphicon glyphicon-send"></span></button>
                </form>
            </div>
        </div>
    </div>
    <?php require 'utils/footer.php'; ?>
</body>
</html>
```

7.2 Screenshots:

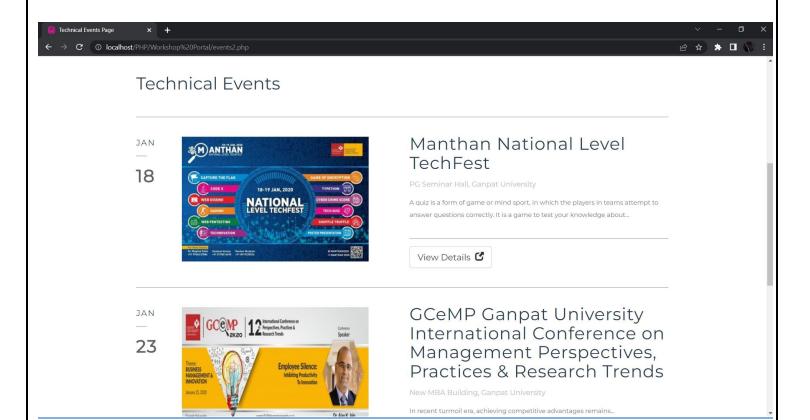


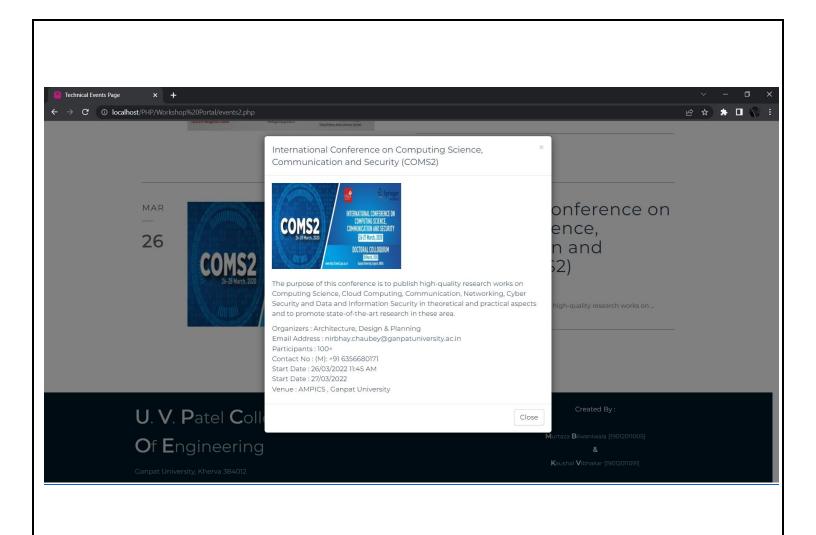
U. V. Patel College

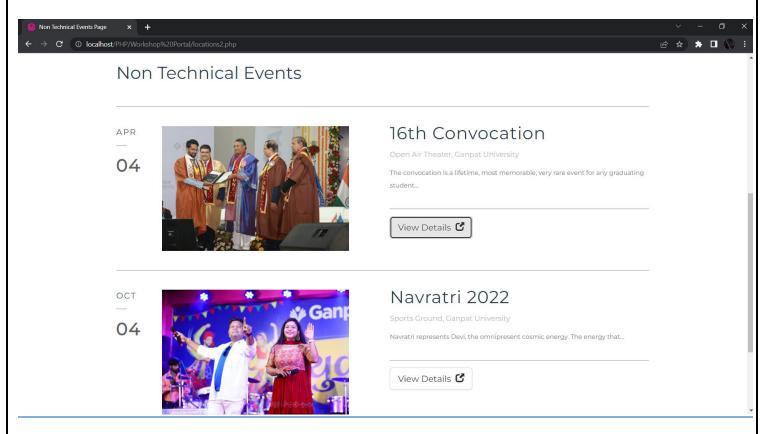
Created By:

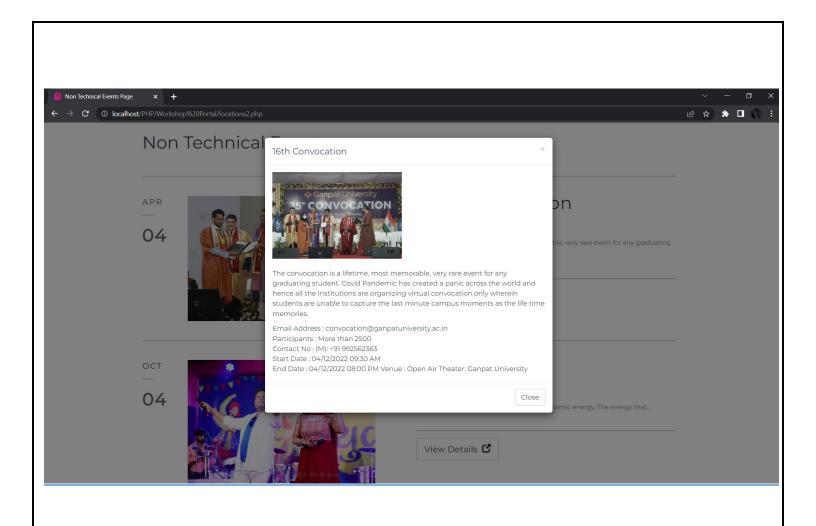


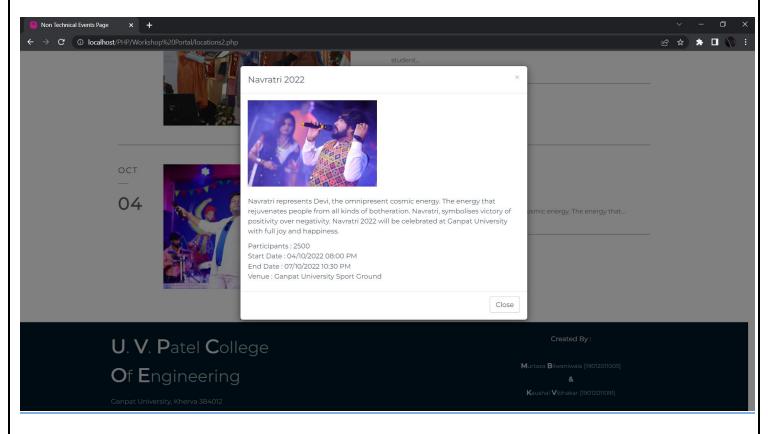


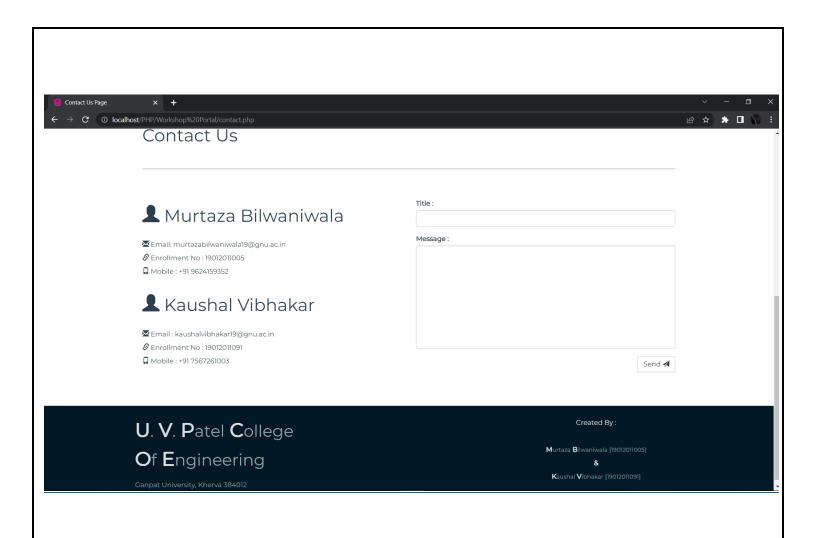


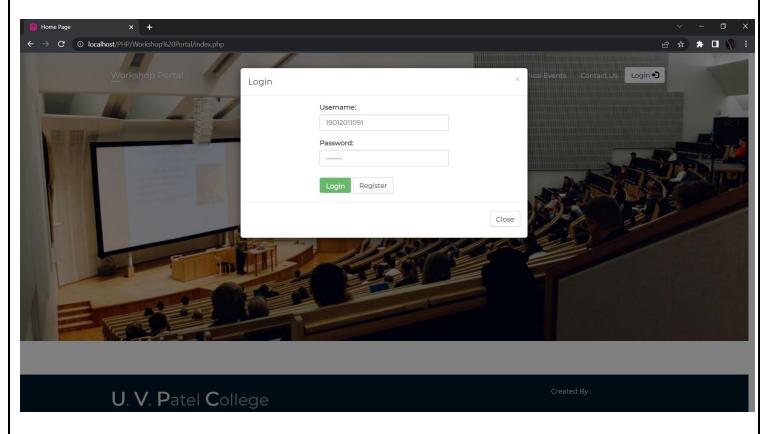


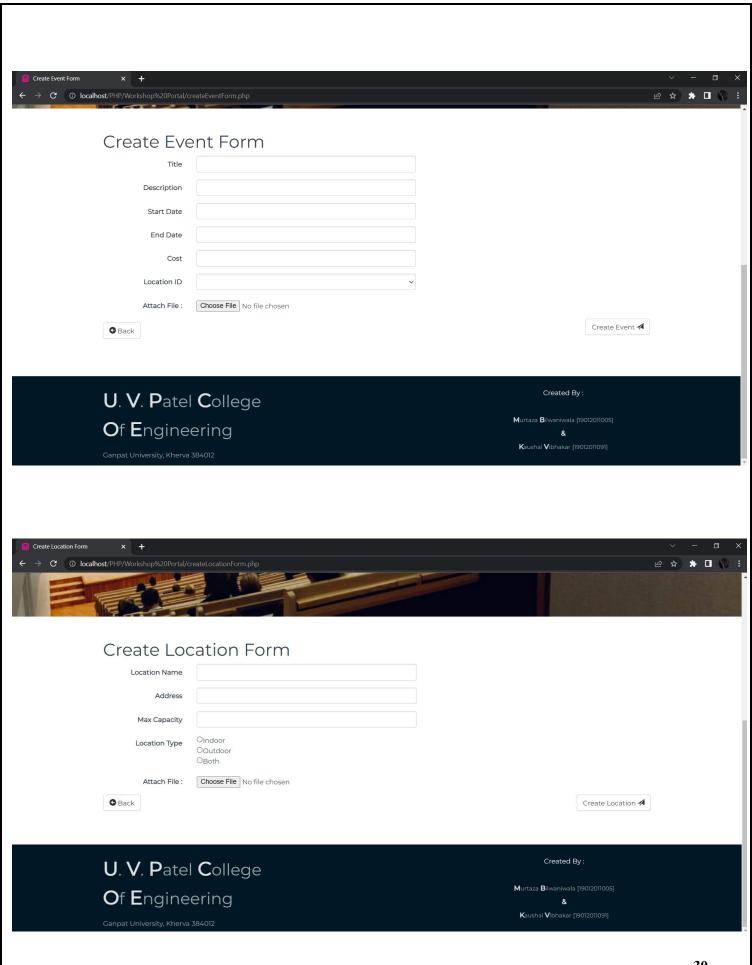












8. Conclusion:

The project entitled as "Workshop Portal" is the system that deals with the issues related to a particular institution about the workshop & such events.

This project will be successfully implemented with all the features mentioned in system requirements specification.

The application provides appropriate information to users according to the chosen service.

The project is designed keeping in view the day to day problems faced by a college.

Deployment of our application will certainly help the college to reduce unnecessary wastage of time in personally going to each department for some information.

Awareness and right information about any event in any college is essential for both the development of student as well as faculty. So this serves the right purpose in achieving the desired requirements of both the communities.