

Student Event Participation

A PROJECT REPORT

Submitted By

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List of Chapters

Chapter 1 - Introduction

- 1.1 Project description
- 1.2 Project Scope
- 1.3 Hardware / Software used in Project

Chapter 2 Feasibility Study

- 2.1 Technical feasibility
- 2.2 Operational Feasibility
- 2.3 Behavioral Feasibility
- 2.4 Operational Feasibility

Chapter 3 Database Design

- 3.1 Database Tables
- 3.2 Flow Chart
- 3.3 Use Case Diagram
- 3.4 Sequence Diagram
- 3.5 Collaborative Diagram

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Chapter 4 Form Design

- 4.1 Input / Output Form (Screenshot)
- 4.2

Chapter 5 Coding

Module wise code

Chapter 6 Testing

- 6.1 Test Case-1
- 6.2 Test Case-2

Bibliography

Chapter 1

1. Introduction

The main purpose of this project is to provide the ease to the staff of our college to find out the student participation in the events . As it is too difficult to find such information , so our project provide the student participation information to the staff or faculty.

1.1 Project description

The perspective of this project is to provide the details of the event participation of events and to manage them. Its objective is to provide the ease to the admin , admin can be a class coordinator or any staff member of college . As it is too difficult to find such information for the coordinators and also to manage it . information can be its college id , roll no , no of events , event name

- **Product Function**

Student :- at first the student will visit our site , afterwards the student will redirected to the signup page , now it will fill the required fields with the correct information , now he will be directed to the login page where login is mandatory , after login he has the access to the site and can provide its event information.

Admin :- as soon as admin visit the site he has to login with the admin login information given by us afterwards he has the full access to the site and can decide who will be the admin and who will be the user.

1.2 Project Scope

The scope of this project is to provide the details of the event participation of events and to manage them. Its objective is to provide the ease to the admin , admin can be a class coordinator or any staff member of college . As it is too difficult to find such information for the coordinators and also to manage it . information can be its college id , roll no , no of events , event name

1.3 Hardware / Software used in Project

HARDWARE REQUIREMENTS:

The section of hardware configuration is an important task related to the software development insufficient random-access memory may affect adversely on the speed and efficiency of the entire system. The process should be powerful to handle the entire operations. The hard disk should have sufficient capacity to store the file and application

- Intel Dual Core 2.0GHz or Higher Processor
- 2GB RAM
- 10 GB HDD Space

SOFTWARE REQUIREMENTS

A major element in building a system is the selection of compatible software since the software in the market is experiencing in geometric progression. Selected software should be acceptable by the firm and one user as well as it should be feasible for the system. This document gives a detailed description of the software requirement specification. The study of requirement specification is focused specially on the functioning of the system. It allow the developer or analyst to understand the system, function to be carried out the performance level to be obtained and corresponding interfaces to be established.

- Front End Tool: Html, CSS, JavaScript, Bootstrap.
- Backend: PHP, MySql
- Operating System: Windows 7-10
- IDE: Sublime text editor, Visual Studio text editor.
- Browsers – Google Chrome , Microsoft Edge , Mozilla Firefox etc.
- Server: XAMPP Server (localhost).

Chapter 2

2 Feasibility Study

The feasibility of the project is analyzed in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out. This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential. Three key considerations involved in the feasibility analysis are:

2.1 Economic Feasibility:

This study is carried out to check the economic impact will have on the system will have on the organization. The amount of fund that the company can pour into the research and development of the system is limited. The expenditures must be justified. Thus, the developed system as well within the budget and this was achieved because most of the technologies used are freely available. Only the customized products have to be purchased.

2.2 Technical Feasibility:

This study is carried out to check the technical feasibility, that is, the technical requirements of the system. Any system developed must not have a high demand on the available technical resources. This will lead to high demands being placed on the client. The developed system must have a modest requirement, as only minimal or null changes for the implementing this system.

3.3 Operational Feasibility:

The aspect of study is to check the level of acceptance of the system by the user. This includes the process of training the user to use the system efficiently. The user must not feel threatened by the system, instead must accept it as a necessity.

Chapter 3

3 Database Design

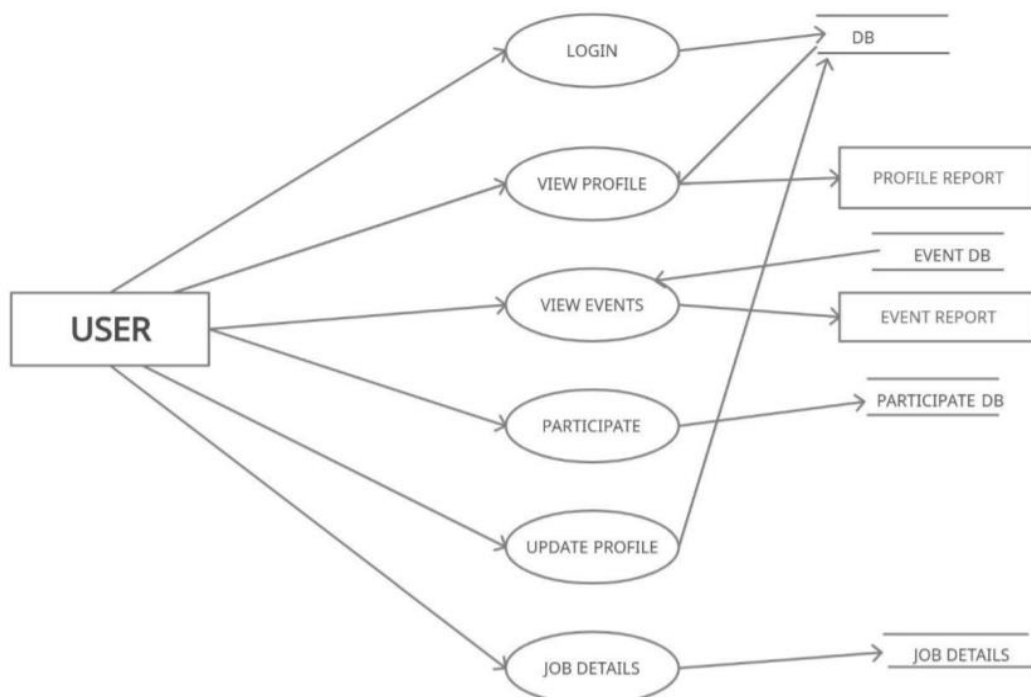
Database design is **the organization of data according to a database model**. The designer determines what data must be stored and how the data elements interrelate. ... Database design involves classifying data and identifying interrelationships. This theoretical representation of the data is called an ontology.

3.1 Database Tables

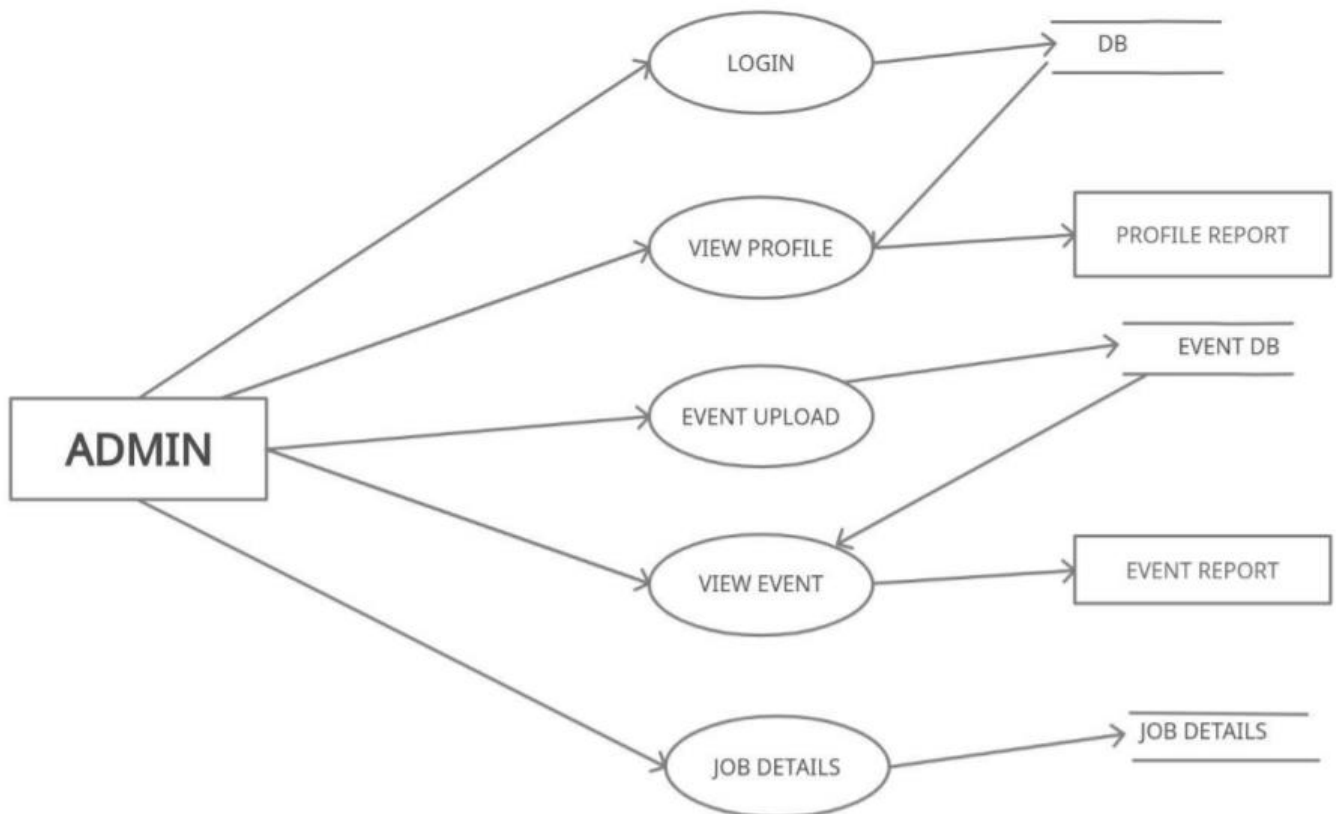
Table	Action	Rows	Type	Collation	Size	Overhead
alumnus_bio	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
careers	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
courses	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
events	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
event_commits	Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_general_ci	16.0 KiB	-
forum_comments	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
forum_topics	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
gallery	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
system_settings	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
users	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
10 tables	Sum	32	InnoDB	utf8mb4_general_ci	160.0 KiB	0 B

3.2 Flow Chart

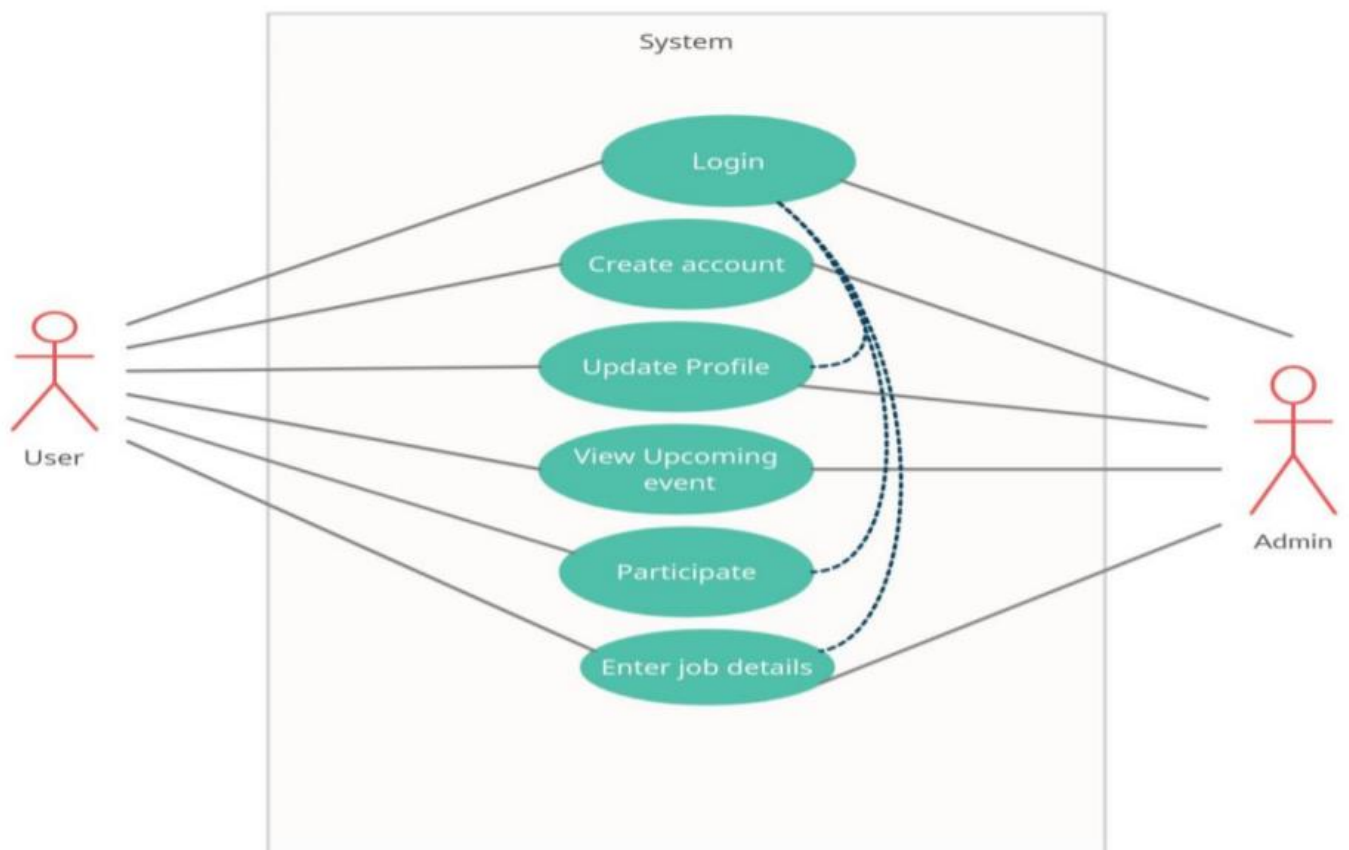
User



Admin



3.3 Use Case Diagram



Chapter 4

Form Design

4.1 Input / Output Form (Screenshot)

User Create Account

The screenshot shows the 'Create New Account' form within the 'Student Event Participation' application. The form is set against a pink background with a decorative forest illustration at the top. The form fields are arranged in a grid:

- First Name, Middle Name, Last Name (text inputs)
- Gender (dropdown menu with 'Male' selected), Batch (text input), Course (dropdown menu with 'Please Select Here' selected)
- LibraryID (text input), Semester (dropdown menu with 'I' selected), Profile Picture (file upload button labeled 'Choose file' and 'No file chosen')
- Email (text input), Password (text input)

A blue 'Create Account' button is located at the bottom center of the form.

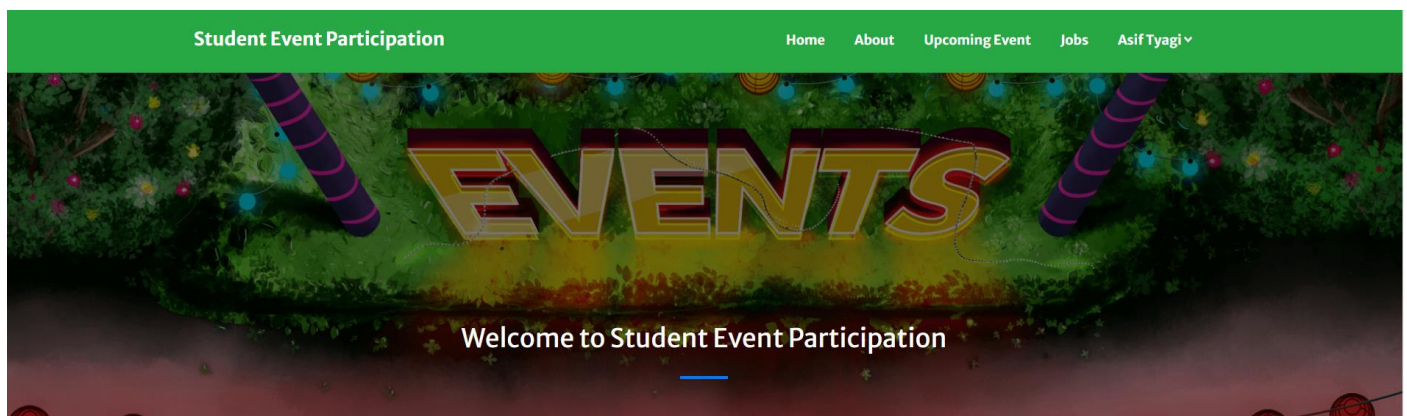
User Login

The screenshot shows the 'Login' form, which is a modal overlay on the 'Student Event Participation' application. The form is white and contains the following elements:

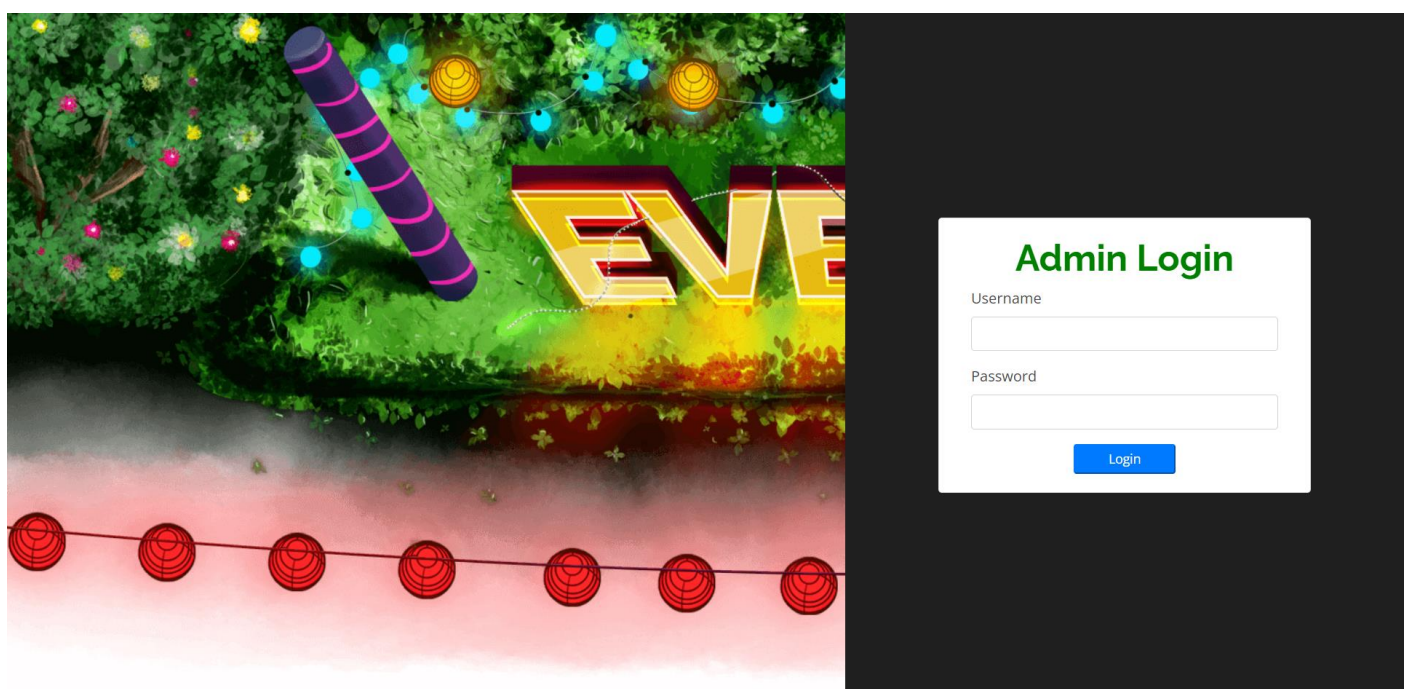
- Header: 'Login'
- Email (text input)
- Password (text input)
- Link: 'Create New Account' (green text)
- Buttons: 'Login' (blue) and 'Back' (red)

The background of the application shows a dark forest scene with the text 'Welcome to Student Event Participation' at the bottom.

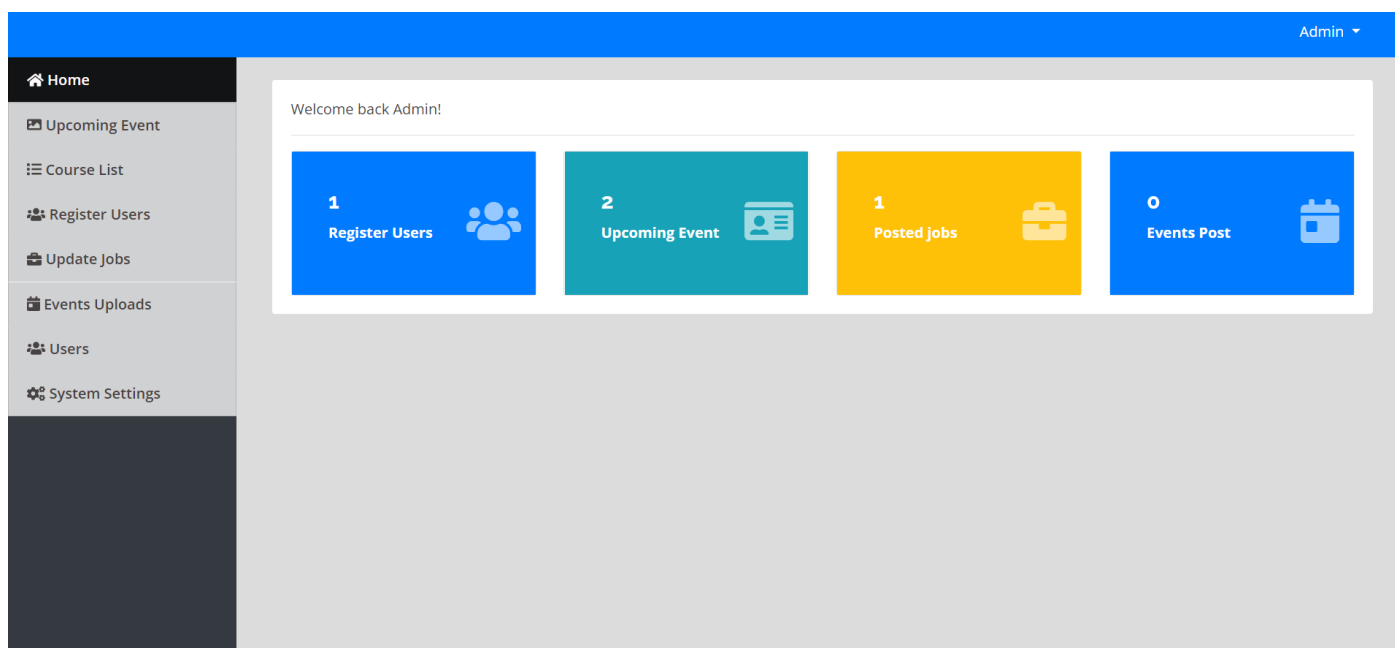
User Login Account



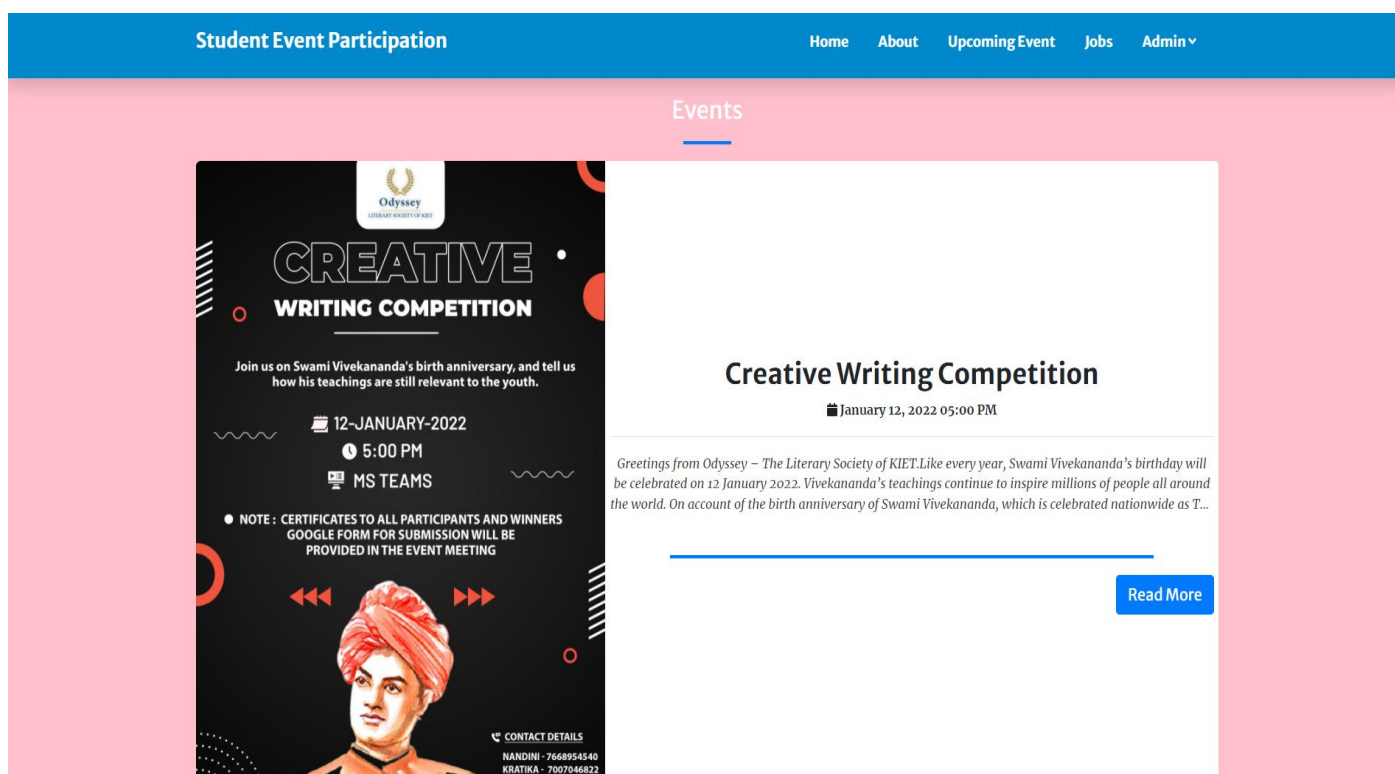
Admin Login



Admin Login Account



Event Page



Chapter 5 Coding

Module wise code

Index.php

```
<!DOCTYPE html>
<html lang="en">
  <?php
    session_start();
    include('admin/db_connect.php');
    ob_start();

    $query = $conn->query("SELECT * FROM system_settings limit 1")->fetch_array();
    foreach ($query as $key => $value) {
      if(!is_numeric($key))
        $_SESSION['system'][$key] = $value;
    }
    ob_end_flush();
    include('header.php');

    ?>

    <style>

                                header.masthead {
                                    background:
url(admin/assets/uploads/<?php echo $_SESSION['system']['cover_img'] ?>);
                                    background-repeat: no-
repeat;
                                    background-size: cover;
                                }
```

```

#viewer_modal .btn-close {
    position: absolute;
    z-index: 999999;
    /*right: -4.5em;*/
    background: unset;
    color: white;
    border: unset;
    font-size: 27px;
    top: 0;
}

#viewer_modal .modal-dialog {
    width: 80%;
    max-width: unset;
    height: calc(90%);
    max-height: unset;
}

#viewer_modal .modal-content {
    background: black;
    border: unset;
    height: calc(100%);
    display: flex;
    align-items: center;
    justify-content: center;
}

#viewer_modal img,#viewer_modal video{
    max-height: calc(100%);
    max-width: calc(100%);
}

body {
    background:pink;
}

footer

```

```
{
    background-image: url(image/1.jpg);
}
```

```
a.jqte_tool_label.unselectable {
    height: auto !important;
    min-width: 4rem !important;
    padding:5px
}/*
```

```
a.jqte_tool_label.unselectable {
    height: 22px !important;
}*/
```

```
</style>
<body id="page-top">
    <!-- Navigation-->
    <div class="toast" id="alert_toast" role="alert" aria-live="assertive" aria-atomic="true">
        <div class="toast-body text-white">
            </div>
        </div>
        <nav class="navbar navbar-expand-lg navbar-light fixed-top py-3" id="mainNav">
            <div class="container">
                <a class="navbar-brand js-scroll-trigger" href="."><?php echo
$_SESSION['system']['name'] ?></a>
                <button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse"
data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-
label="Toggle navigation"><span class="navbar-toggler-icon"></span></button>
                <div class="collapse navbar-collapse" id="navbarResponsive">
                    <ul class="navbar-nav ml-auto my-2 my-lg-0">
                        <li class="nav-item"><a class="nav-link js-scroll-trigger"
href="index.php?page=home">Home</a></li>
                        <li class="nav-item"><a class="nav-link js-scroll-trigger"
href="index.php?page=about">About</a></li>
```

```

        <!-- <li class="nav-item"><a class="nav-link js-scroll-trigger"
href="index.php?page=alumni_list">Alumni</a></li> -->

        <li class="nav-item"><a class="nav-link js-scroll-trigger"
href="index.php?page=gallery">Upcoming Event</a></li>

        <?php if(isset($_SESSION['login_id'])): ?>

        <li class="nav-item"><a class="nav-link js-scroll-trigger"
href="index.php?page=careers">Jobs</a></li>

        <!-- <li class="nav-item"><a class="nav-link js-scroll-trigger"
href="index.php?page=forum">Forums</a></li> -->

        <?php endif; ?>

        <?php if(!isset($_SESSION['login_id'])): ?>

        <li class="nav-item"><a class="nav-link js-scroll-trigger" href="#"
id="login">Login</a></li>

        <?php else: ?>

        <li class="nav-item">

        <div class="dropdown mr-4">

                <a href="#" class="nav-link js-scroll-trigger" id="account_settings" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false"><?php echo
$_SESSION['login_name'] ?> <i class="fa fa-angle-down"></i></a>

                <div class="dropdown-menu" aria-labelledby="account_settings" style="left: -
2.5em;">

                        <a class="dropdown-item" href="index.php?page=my_account"
id="manage_my_account"><i class="fa fa-cog"></i> Manage Account</a>

                        <a class="dropdown-item" href="admin/ajax.php?action=logout2"><i class="fa
fa-power-off"></i> Logout</a>

                </div>

        </div>

        </li>

        <?php endif; ?>

</ul>

</div>

</div>

</nav>

```

```
<?php
$page = isset($_GET['page']) ? $_GET['page'] : 'home';
include $page.'.php';
?>
```

```
<div class="modal fade" id="confirm_modal" role='dialog'>
  <div class="modal-dialog modal-md" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">Confirmation</h5>
      </div>
      <div class="modal-body">
        <div id="delete_content"></div>
      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-primary" id='confirm' onclick="">Continue</button>
        <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
      </div>
    </div>
  </div>
</div>

<div class="modal fade" id="uni_modal" role='dialog'>
  <div class="modal-dialog modal-md" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title"></h5>
      </div>
      <div class="modal-body">
      </div>
      <div class="modal-footer">
```

```

        <button type="button" class="btn btn-primary" id='submit' onclick="$('#uni_modal
form').submit()">Save</button>

        <button type="button" class="btn btn-secondary" data-dismiss="modal">Cancel</button>
    </div>
</div>
</div>
</div>
<div class="modal fade" id="uni_modal_right" role='dialog'>
    <div class="modal-dialog modal-full-height modal-md" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title"></h5>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span class="fa fa-arrow-right"></span>
                </button>
            </div>
            <div class="modal-body">
                </div>
            </div>
        </div>
    </div>
</div>
<div class="modal fade" id="viewer_modal" role='dialog'>
    <div class="modal-dialog modal-md" role="document">
        <div class="modal-content">
            <button type="button" class="btn-close" data-dismiss="modal"><span class="fa fa-
times"></span></button>
            <img src="" alt="">
        </div>
    </div>
</div>
<div id="preloader"></div>
<footer class="py-5">
    <div class="container">

```



```

<div class="row justify-content-center">
    <div class="col-lg-8 text-center">
        <h2 class="mt-0 text-white">Contact us</h2>
        <hr class="divider my-4" />
    </div>
</div>
<div class="row">
    <div class="col-lg-4 ml-auto text-center mb-5 mb-lg-0">
        <i class="fas fa-phone fa-3x mb-3 text-muted"></i>
        <div class="text-white"><?php echo $_SESSION['system']['contact'] ?></div>
    </div>
    <div class="col-lg-4 mr-auto text-center">
        <i class="fas fa-envelope fa-3x mb-3 text-muted"></i>
        <!-- Make sure to change the email address in BOTH the anchor text and the link target
below!-->
        <a class="d-block" href="mailto:<?php echo $_SESSION['system']['email']
?>"><?php echo $_SESSION['system']['email'] ?></a>
    </div>
</div>
</div>
<br>
<div class="container"><div class="small text-center text-muted">Copyright © 2021 - <?php
echo $_SESSION['system']['name'] ?> | <a href="#"
target="_blank">2023MCA1015</a></div></div>
</footer>

<?php include('footer.php') ?>
</body>
<script type="text/javascript">
    $('#login').click(function(){
        uni_modal('Login','login.php')
    })
</script>
<?php $conn->close() ?>

```

</html>

Header.php file

```
<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />

<meta name="description" content="" />

<meta name="author" content="" />

<title><?php echo $_SESSION['system']['name'] ?></title>

<!-- Favicon-->

<link rel="icon" type="image/x-icon" href="assets/img/favicon.ico" />

<!-- Font Awesome icons (free version)-->

<script src="https://use.fontawesome.com/releases/v5.13.0/js/all.js"
crossorigin="anonymous"></script>

<!-- Google fonts-->

<link href="https://fonts.googleapis.com/css?family=Merriweather+Sans:400,700"
rel="stylesheet" />

<link
href="https://fonts.googleapis.com/css?family=Merriweather:400,300,300italic,400italic,700,700italic"
rel="stylesheet" type="text/css" />

<!-- Third party plugin CSS-->

<link href="admin/assets/css/jquery.datetimepicker.min.css" rel="stylesheet">

<link href="https://cdnjs.cloudflare.com/ajax/libs/magnific-popup.js/1.1.0/magnific-
popup.min.css" rel="stylesheet" />

<!-- Core theme CSS (includes Bootstrap)-->

<link href="admin/assets/vendor/bootstrap-datepicker/css/bootstrap-datepicker.css"
rel="stylesheet" />

<link href="css/styles.css" rel="stylesheet" />

<link type="text/css" rel="stylesheet" href="admin/assets/css/jquery-te-1.4.0.css">


<link href="admin/assets/css/select2.min.css" rel="stylesheet">


<script src="admin/assets/vendor/jquery/jquery.min.js"></script>

<script src="admin/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js"></script>
```

```
<script type="text/javascript" src="admin/assets/js/select2.min.js"></script>
```

```
<script type="text/javascript" src="admin/assets/js/jquery.datetimepicker.full.min.js"></script>
```

```
<script type="text/javascript" src="admin/assets/js/jquery-te-1.4.0.min.js" charset="utf-8"></script>
```

Footer.php

```
<style>
```

```
.modal-dialog.large {  
    width: 80% !important;  
    max-width: unset;  
}
```

```
.modal-dialog.mid-large {  
    width: 50% !important;  
    max-width: unset;  
}
```

```
</style>
```

```
<script>
```

```
$('.datepicker').datepicker({  
    format: 'yyyy-mm-dd'})  
window.start_load = function(){  
    $('body').prepend('<di id="preloader2"></di>')  
}  
window.end_load = function(){  
    $('#preloader2').fadeOut('fast', function() {  
        $(this).remove();  
    })  
}
```

```

window.uni_modal = function($title = " , $url='', $size='') {
    start_load()
    $.ajax({
        url:$url,
        error:err=>{
            console.log()
            alert("An error occurred")
        },
        success:function(resp){
            if(resp){
                $('#uni_modal .modal-title').html($title)
                $('#uni_modal .modal-body').html(resp)
                if($size != ''){
                    $('#uni_modal .modal-dialog').addClass($size)
                }else{
                    $('#uni_modal .modal-dialog').removeAttr('class').addClass('modal-dialog modal-md')
                }
                $('#uni_modal').modal({
                    show:true,
                    backdrop:'static',
                    keyboard:false,
                    focus:true
                })
                end_load()
            }
        }
    })
}

window.uni_modal_right = function($title = " , $url='') {
    start_load()
    $.ajax({

```

```

url:$url,
error:err=>{
    console.log()
    alert("An error occured")
},
success:function(resp){
    if(resp){
        $('#uni_modal_right .modal-title').html($title)
        $('#uni_modal_right .modal-body').html(resp)

        $('#uni_modal_right').modal('show')
        end_load()
    }
}
})
}

window.viewer_modal = function($src = ''){
    start_load()
    var t = $src.split('.')
    t = t[1]
    if(t == 'mp4'){
        var view = $('<video src="'+$src+'" controls autoplay></video>')
    }else{
        var view = $('')
    }
    $('#viewer_modal .modal-content video,#viewer_modal .modal-content img').remove()
    $('#viewer_modal .modal-content').append(view)
    $('#viewer_modal').modal({
        show:true,
        focus:true
    })
    end_load()
}

```

```

}

window.alert_toast= function($msg = 'TEST',$bg = 'success'){

    $('#alert_toast').removeClass('bg-success')

    $('#alert_toast').removeClass('bg-danger')

    $('#alert_toast').removeClass('bg-info')

    $('#alert_toast').removeClass('bg-warning')


    if($bg == 'success')

        $('#alert_toast').addClass('bg-success')

    if($bg == 'danger')

        $('#alert_toast').addClass('bg-danger')

    if($bg == 'info')

        $('#alert_toast').addClass('bg-info')

    if($bg == 'warning')

        $('#alert_toast').addClass('bg-warning')

    $('#alert_toast .toast-body').html($msg)

    $('#alert_toast').toast({delay:3000}).toast('show');
}

window._conf = function($msg='', $func='', $params = []){

    $('#confirm_modal #confirm').attr('onclick', $func+"('"+$params.join(',')+"')")

    $('#confirm_modal .modal-body').html($msg)

    $('#confirm_modal').modal('show')
}

window.load_cart = function(){

    $.ajax({

        url:'admin/ajax.php?action=get_cart_count',

        success:function(resp){

            if(resp > -1){

                resp = resp > 0 ? resp : 0;

                $('#.item_count').html(resp)

            }

        }

    })
}

```

```

    }
  })
}
$('#login_now').click(function(){
  uni_modal("LOGIN",'login.php')
})
$(document).ready(function(){
  load_cart()
  $('#preloader').fadeOut('fast', function() {
    $(this).remove();
  })
})
</script>

<!-- Bootstrap core JS-->

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.bundle.min.js"></script>

<!-- Third party plugin JS-->

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-
easing/1.4.1/jquery.easing.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/magnific-popup.js/1.1.0/jquery.magnific-
popup.min.js"></script>

<!-- Core theme JS-->

<script src="js/scripts.js"></script>

```

Chapter 6 Testing

6.1 SYSTEM TESTING:

As the part of system testing, we execute the program with the intent of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied. The ultimate aim is quality assurance. Tests are carried out and the results are compared with the expected document. In the case of erroneous results, debugging is done. Using detailed testing strategies, a test plan is carried out on each module. The various tests performed are unit testing, integration testing and user acceptance testing .

6.2 UNIT TESTING:

The software units in the system are modules and routines that are assembled and integrated to perform a specific function. As a part of unit testing, we executed the program for individual modules independently. This enables, to detect errors in coding and logic that are contained within each of the three modules. This testing includes entering data that is filling forms and ascertaining if the value matches to the type and entered into the database. The various controls are tested to ensure that each performs its action as required .

6.3 INTEGRATION TESTING:

Data can be lost across any interface, one module can have an adverse effect on another, sub functions when combined, may not produce the desired major functions. Integration testing is a systematic testing to discover errors associated within the interface. The objective is to take unit tested modules and build a program structure. All the modules are combined and tested as a whole. Here the admin module, doctor module and patient module options are integrated and tested. This testing provides the assurance that the application is well integrated functional unit with smooth transition of data.

6.4 VALIDATION TESTING:

The process of evaluating software during the development process or at the end of the development process to determine whether it satisfies specified business requirements. Testing ensures that the product actually meets the client's needs. It can also be defined as to demonstrate that the product fulfills its intended use when deployed on appropriate environment.

- Validation is the process of evaluating software at the end of the development process to determine whether software meets the customer expectations and requirements.
- Execution of code is coming under Validation.

- Validation activity is carried out just after the Verification.
- It determines whether the software is fit for use and satisfies the business need.
- Includes all the dynamic testing techniques.
- It is basically checking of developed program based on the requirement specifications documents & files.