INFOSPILL

by

Samarth Srivastava (2200320140145)

Under the guidance of

Ms. Shilpa Tyagi (Assistant Professor)

Department of Computer Applications

ABES Engineering College

19th Km Stone, NH-09, Ghaziabad (U.P)

July, 2024

INFOSPILL

by

Samarth Srivastava (2200320140145)

Submitted to the Department of Computer Applications
in partial fulfillment of the requirements
for the degree of
Master of Computer Application

Under the guidance of

Ms. Shilpa Tyagi (Assistant Professor)

Department of Computer Applications

ABES Engineering College
19th Km Stone, NH-09, Ghaziabad (U.P)
July, 2024

DECLARATION

I hereby declare that the work being presented in this report entitled "INFOSPILL" is an authentic record of my work carried out under the supervision of "**Ms. Shilpa Tyagi**".

The matter embodied in this report has not been submitted by us/me for the award of any other degree.

Date: **Signature of students**

                                              Samarth Srivastava

                                              Dept.: Computer Applications

This is to certify that the above statement made by the candidate/s is/are correct to the best of my knowledge.

Signature of HOD   **Signature of Supervisor**

Prof. (Dr.) Devendra Kumar   **Ms. Shilpa Tyagi**

HOD-MCA   **Assistant Professor**

Dept.:-Computer Applications

Date:

CERTIFICATE

This is to certify that Project Report entitled **"INFOSPILL"** which is submitted by **Samarth Srivastava** in partial fulfillment of the requirement for the award of degree **Master of Computer Application** in Department of Computer Applications of **Dr. A.P.J. Abdul Kalam Technical University,** is a record of the candidate's own work carried out by him under my supervision.

The matter embodied in this Major Project Report is original and has not been submitted for the award of any other degree.

The plagiarism percentage evaluated for the content presented is

Supervisor Signature

Ms. Shilpa Tyagi

Assistant Professor

Date:

ACKNOWLEDGEMENT

Introducing the report on the MCA project finished during MCA Final Year fills me with incredible happiness. I owe an exceptional obligation of appreciation to **Ms. Shilpa Tyagi (Assistant Professor), Department of Computer Applications, ABESEC, Ghaziabad** for her constant support and guidance throughout the course of our work. Her sincerity, thoroughness, and perseverance have been a constant source of inspiration for us/me. It is just his/her perceptive endeavors that our undertakings have come around.

I also take the opportunity to recognize the contribution of **Prof. (Dr.) Devendra Kumar Head, Department of Computer Applications, ABESEC, Ghaziabad** for his support and assistance during the development of the project.

I also don't want to miss the opportunity to thank the entire department's faculty members for their helpful support and cooperation during the project's development. Last but not least, we want to thank our friends for their help in getting the project done.

Signature of Student(s)

Samarth Srivastava
2200320140145

ABSTRACT

Infospill is an innovative college enquiry chatbot meticulously crafted to facilitate seamless interactions between students and educational institutions. Unlike conventional chatbots, Infospill operates through a meticulously curated database, where queries and responses are manually inputted. This bespoke approach ensures precise and accurate information delivery, eliminating the reliance on natural language processing (NLP) algorithms. Through a user-friendly interface, Infospill empowers students to effortlessly access vital college-related information, including admission procedures, course details, and campus amenities. By leveraging manual database input, the chatbot guarantees reliability and consistency in responses, enhancing the overall user experience. Infospill represents a novel solution catering to the burgeoning need for efficient communication channels in academia, showcasing the potential of meticulously curated databases in chatbot development.

TABLE OF CONTENT

LIST OF FIGURES

CHAPTER 1

1.1 INTRODUCTION

In the contemporary landscape of higher education, the demand for efficient and accessible communication channels between students and educational institutions has become increasingly pronounced. Addressing this need, Infospill emerges as an innovative solution, offering a college enquiry chatbot meticulously tailored to streamline the information retrieval process for students. Unlike traditional chatbots reliant on natural language processing (NLP) algorithms, Infospill adopts a unique approach, where all queries and responses are manually inputted into a meticulously curated database.

This manual input ensures precision and reliability in information delivery, circumventing the complexities associated with NLP. Infospill serves as a user-friendly interface, empowering students to effortlessly access critical college-related information, including admission procedures, course details, and campus amenities. By leveraging manual database input, the chatbot guarantees consistency and accuracy in responses, thereby enhancing the overall user experience. This introduction sets the stage for exploring the intricacies and implications of Infospill as a novel solution addressing the communication challenges prevalent in higher education institutions.

1.2 PROBLEM STATEMENT

In the current landscape of higher education, students often encounter challenges when seeking information from college administrations. Traditional communication channels such as emails or phone calls can be time-consuming and inefficient, leading to delays in response times and potential frustration for students. To address these challenges, there is a need for the development of a college enquiry chatbot tailored to provide students with quick and accurate responses to their inquiries, thereby improving the overall communication experience.

1.3 OBJECTIVE

The primary objective of Infospill is to develop a robust college enquiry chatbot that enhances communication between students and educational institutions. Specifically, the objectives include:

1. Provide students with easy access to accurate and reliable information regarding college-related inquiries, such as admission procedures, course offerings, and campus facilities.
2. Offer a user-friendly interface that simplifies the information retrieval process, catering to the diverse needs and preferences of students.
3. Reduce the reliance on manual intervention from college staff by automating responses to frequently asked questions, thereby optimizing administrative efficiency.
4. Ensure the consistency and reliability of information delivery by leveraging a meticulously curated database, where queries and responses are manually inputted.
5. Showcase the feasibility and effectiveness of a manual database input approach in chatbot development, demonstrating its potential as an alternative to NLP-based systems.
6. Enhance the overall user experience by providing prompt and accurate responses to student queries, thereby fostering positive interactions and engagement with the chatbot.
7. Address the growing demand for efficient communication channels in higher education institutions, contributing to improved student satisfaction and retention rates.
8. Explore opportunities for further development and customization of the chatbot to meet the evolving needs and challenges of educational institutions and students.

1.4 PROBLEM DEFINITION

The problem at hand revolves around the inefficiencies and challenges inherent in the communication processes between students and educational institutions within the context of higher education. Specifically, students face hurdles when seeking information from college administrations, encountering delays, inaccuracies, and limitations in traditional communication channels such as emails or phone calls. These inefficiencies not only impede students' access to timely and accurate information but also contribute to frustration and dissatisfaction among stakeholders.

Moreover, the increasing demand for instant access to information necessitates innovative solutions to streamline communication processes within educational institutions. There is a pressing need to address these challenges by developing a robust and efficient communication system that caters to the diverse needs and preferences of students while optimizing administrative efficiency.

Therefore, the problem definition revolves around developing a comprehensive college enquiry chatbot solution, namely Infospill, to bridge the communication gap between students and educational institutions. Infospill aims to provide students with quick and accurate responses to their inquiries, thereby improving the overall communication experience and enhancing student satisfaction. By automating responses to frequently asked questions and leveraging a meticulously curated database, Infospill seeks to optimize communication processes within higher education institutions, contributing to improved student engagement and retention rates.

CHAPTER 2
FEASIBILITY STUDY

2.1 TECHNICAL FEASIBILITY

- Technical Feasibility:

    - This phase involves conducting a comprehensive assessment of the technical requirements necessary for the development of Infospill.

    - It entails a meticulous examination of the programming languages, frameworks, and databases required for the project.

    - Additionally, it involves evaluating the availability of skilled developers and technical resources essential for the successful implementation of the chatbot.

    - Furthermore, it aims to determine the compatibility of Infospill with existing systems and infrastructure within educational institutions.

    - This assessment is crucial for ensuring a smooth and seamless integration of Infospill into the existing technological landscape of educational institutions, thereby facilitating efficient communication and information dissemination.

2.2 FINANCIAL FEASIBILITY

- Estimate Initial Investment:
Calculate the initial investment needed, including development costs, software licenses, and hardware requirements.

- Cost-Benefit Analysis:
Perform a comprehensive cost-benefit analysis to evaluate the potential return on investment (ROI) and long-term sustainability.

- Identify Funding Needs:
Determine the financial requirements for developing and maintaining Infospill.

- Explore Alternative Funding:
Investigate alternative funding sources like grants, partnerships, or crowdfunding.

- Risk Assessment:
Evaluate financial risks associated with Infospill development and deployment.

- Budget Allocation:
Allocate budgetary resources effectively throughout different phases of development.

- Consider Scalability:
Assess the scalability of financial resources to accommodate potential expansion.

- Monitor Expenditures:
Implement mechanisms to monitor and control expenditures.

- Forecast Revenue Streams:
Project potential revenue streams post-deployment, considering subscriptions or service fees.

2.3 OPERATIONAL FEASIBILITY

- Identify Key Stakeholders:
  Recognize stakeholders involved in Infospill deployment, including students, college administrators, and IT personnel.

- Assess Institutional Readiness:
  Evaluate readiness of educational institutions to adopt Infospill, considering organizational culture, change management processes, and user training requirements.

- Integration Plan:
  Develop a plan to integrate Infospill into existing workflows and operational processes, aiming for minimal disruption and maximum efficiency.

- Stakeholder Engagement:
  Engage with stakeholders to gather feedback and address concerns regarding Infospill implementation.

- Training Strategy:
  Implement a comprehensive training strategy to ensure effective utilization of Infospill among users.

- Performance Evaluation:
  Establish metrics to evaluate the performance and effectiveness of Infospill post-deployment.

- Continuous Improvement:
  Foster a culture of continuous improvement by soliciting feedback and making iterative enhancements to Infospill based on user experiences.

CHAPTER 3
REQUIREMENT ANALYSIS

3.1 FUNCTIONAL REQUIREMENTS

User Authentication and Authorization

- User roles (student, administrator) with different access levels and privileges.

Database Integration

- Connect to a MySQL database to fetch and present relevant information based on user queries.
- Enable administrators to update and modify database records (e.g., new courses, schedules).

User Interface

- Intuitive and responsive interface for seamless interaction with the chatbot.
- Provide options for users to navigate through different sections (courses, admissions, schedules).
- Support for multimedia content to enhance user experience.

3.2 NON – FUNCTIONAL REQUIREMENTS

Performance

- Responses provided within an acceptable time frame (aiming for under 3 seconds).
- System scalability to handle increasing user loads without performance degradation.

Security

- Data encryption for sensitive user information stored in the database.
- Implement measures against common web vulnerabilities (e.g., SQL injection, XSS).

Usability

- Intuitive user interface design with clear navigation and minimalistic layout to enhance user engagement and productivity.
- Support for multiple languages and accessibility features to cater to diverse user demographics and ensure inclusivity.
- Provision of comprehensive user documentation and online support resources to facilitate user adoption and self-service troubleshooting.

Reliability

- Implementation of robust error handling mechanisms to gracefully manage system failures or unexpected errors without compromising user experience.
- Regular system backups and data redundancy measures to mitigate the risk of data loss or corruption and ensure data integrity.
- Continuous monitoring and proactive maintenance to detect and address potential issues before they impact system availability or performance.

3.3 TECHNOLOGIES USED

- PHP: PHP is an acronym for "PHP: Hypertext Preprocessor". PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.
- HTML: The Hyper Text Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.
- CSS: Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.
- MySQL: MySQL is an Oracle-backed open source relational database management system based on Structured Query Language. MySQL runs on virtually all platforms, including Linux, Unix and Windows.
- JavaScript: JavaScript is a scripting language used for web development, enabling interactivity and dynamic content on websites by manipulating HTML and CSS.
- Bootstrap

CHAPTER 4
DESIGN

4.1 Model View Controller (MVC) Diagram
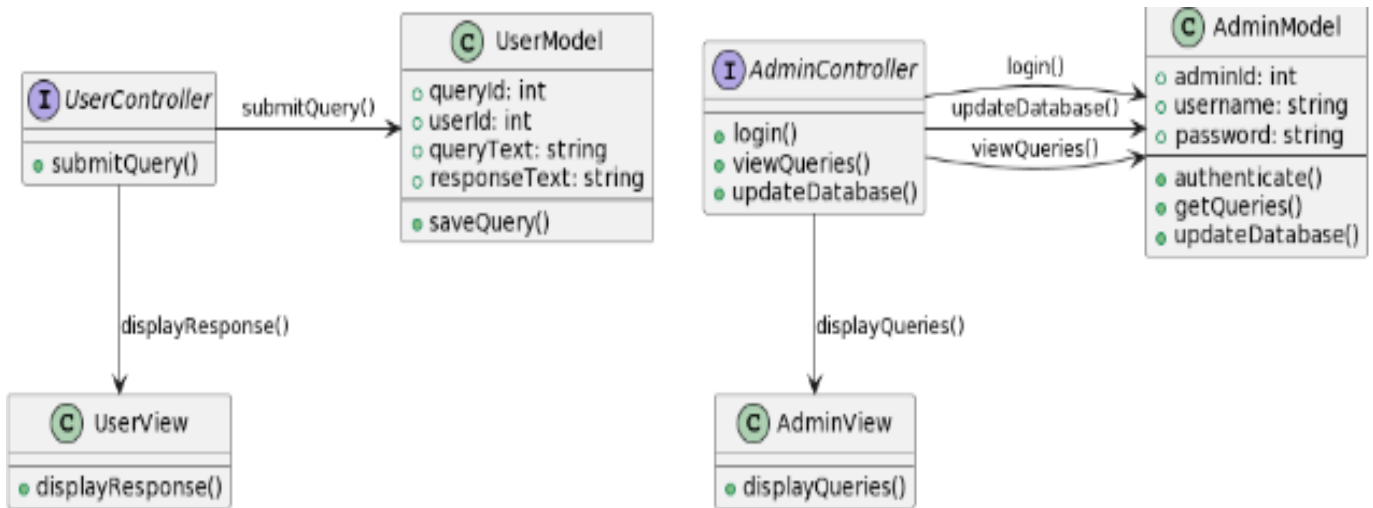
Figure 1 MVC DIAGRAM

4.2 ER DIAGRAM
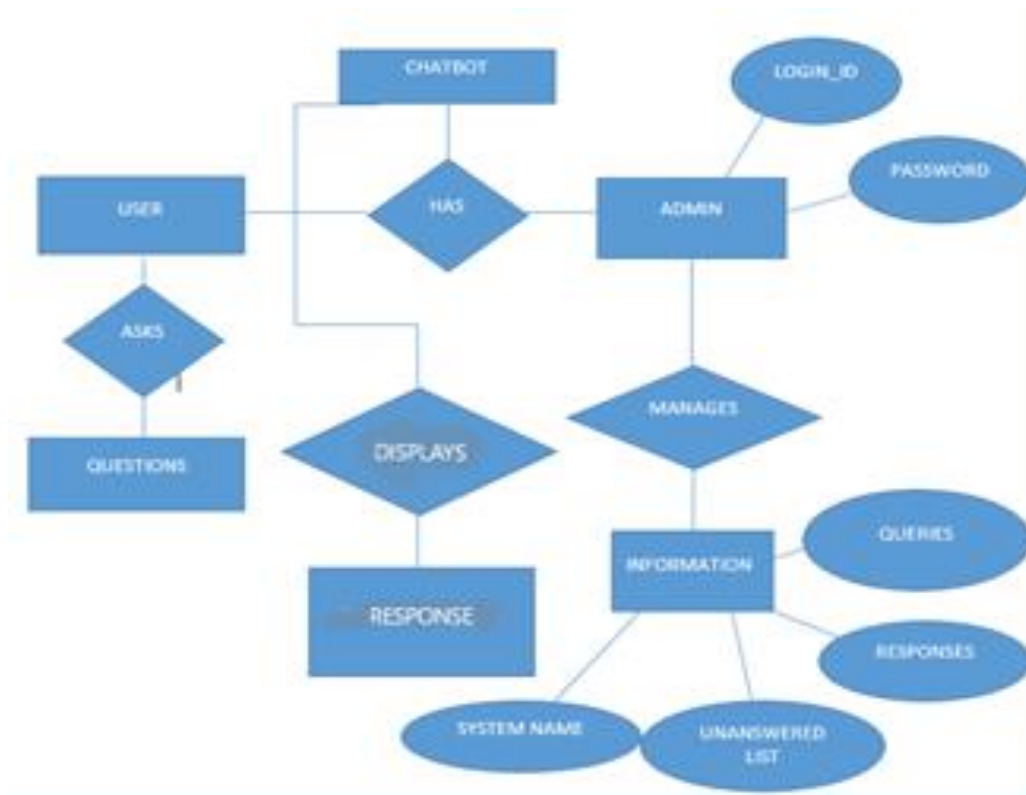
Figure 2. ER DIAGRAM

4.3 LEVEL – 0 DFD
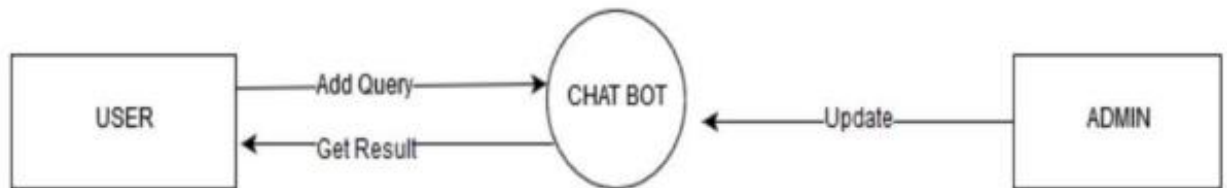
Figure 3. LEVEL - 0 DFD

4.3.1 LEVEL – 1 DFD
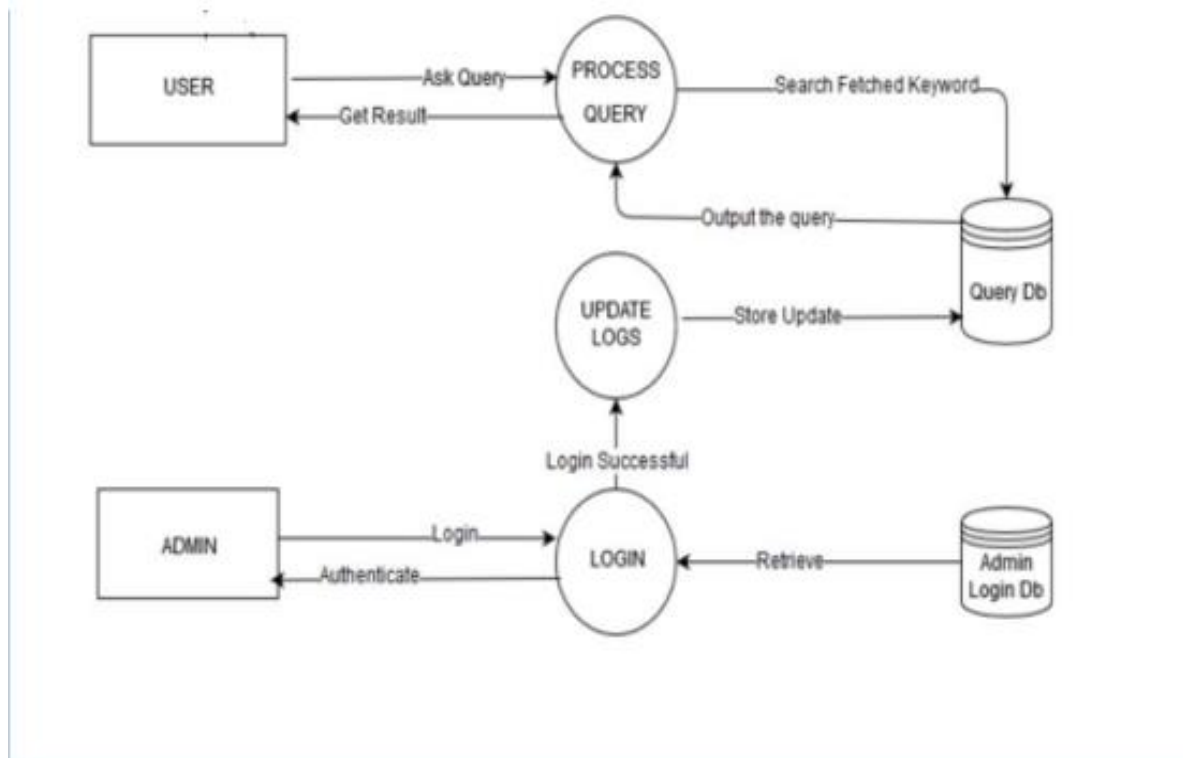
Figure 4. LEVEL - 1 DFD

4.4 USE CASE DIAGRAM
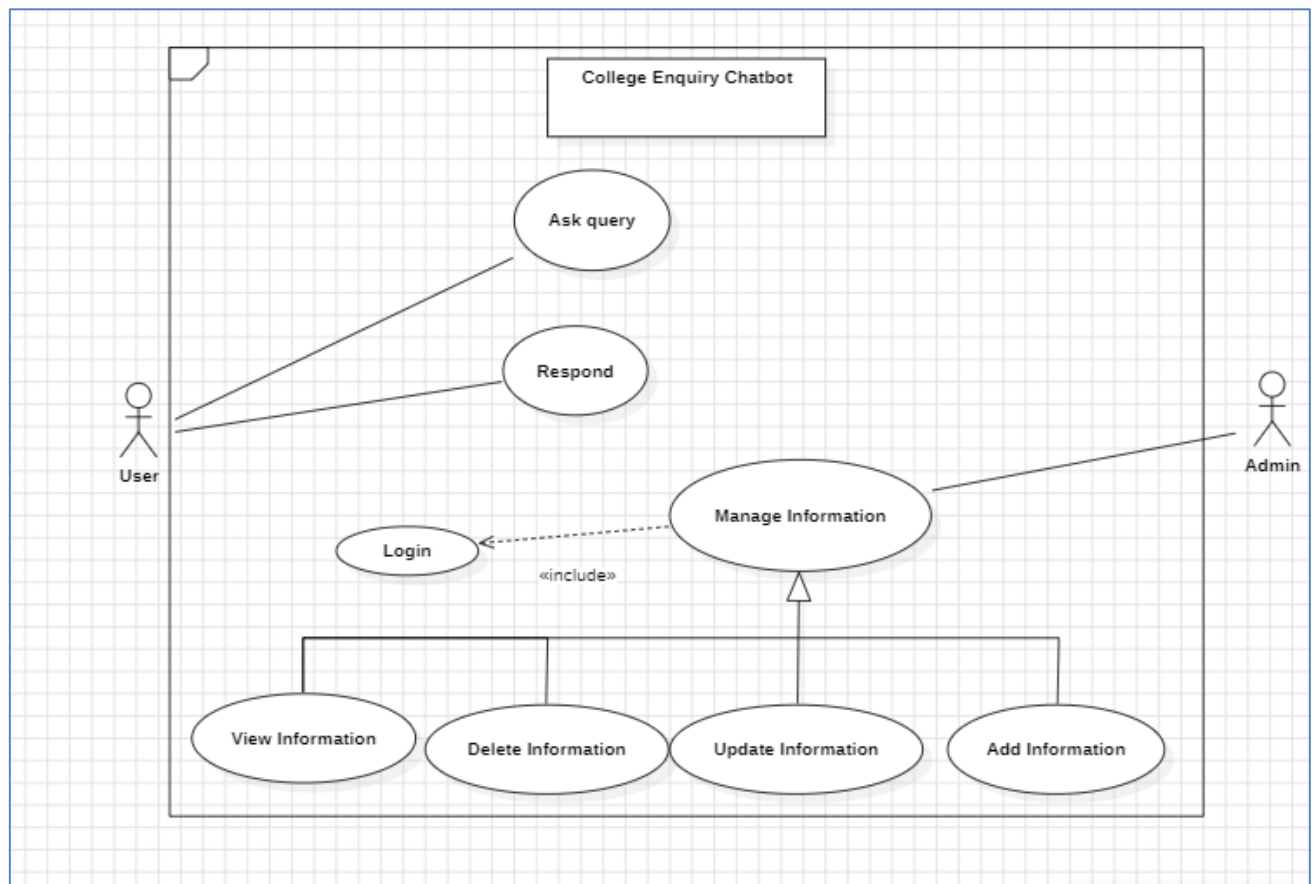
Figure 5. USE CASE DIAGRAM

4.5 CLASS DIAGRAM
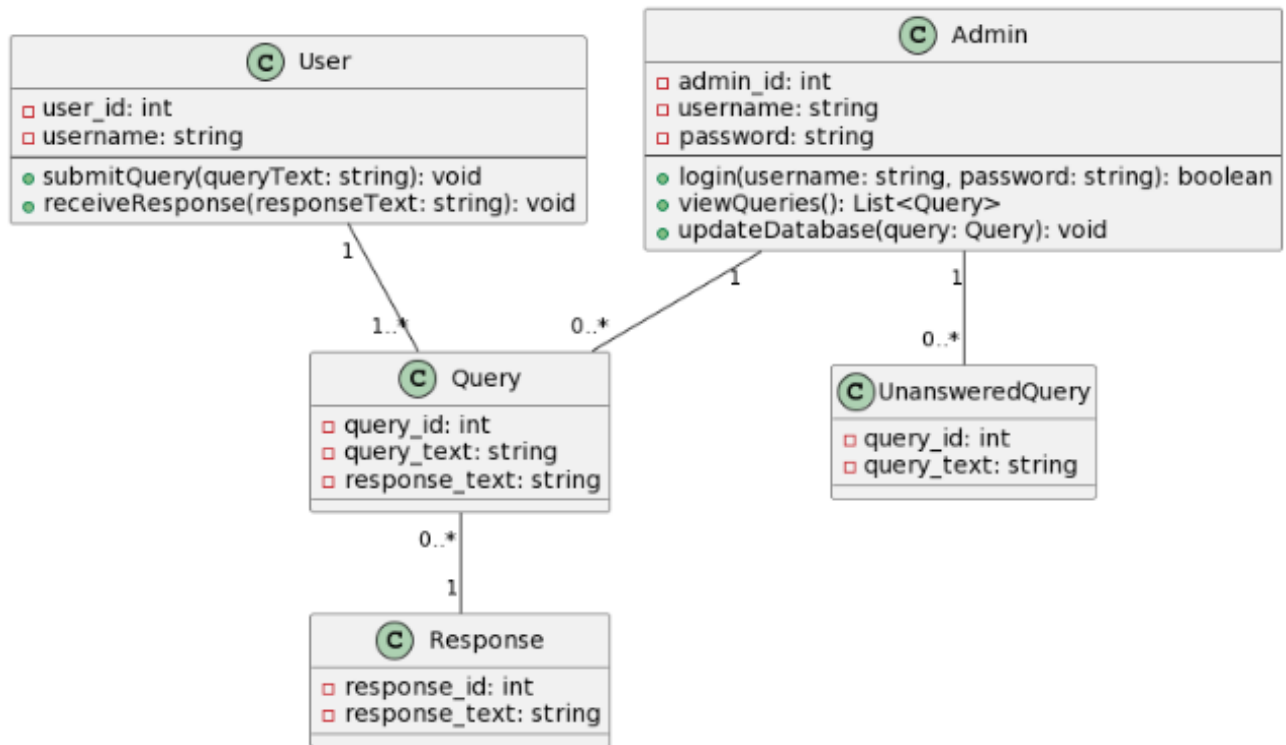
Figure 6. CLASS DIAGRAM

4.6 SEQUENCE DIAGRAM
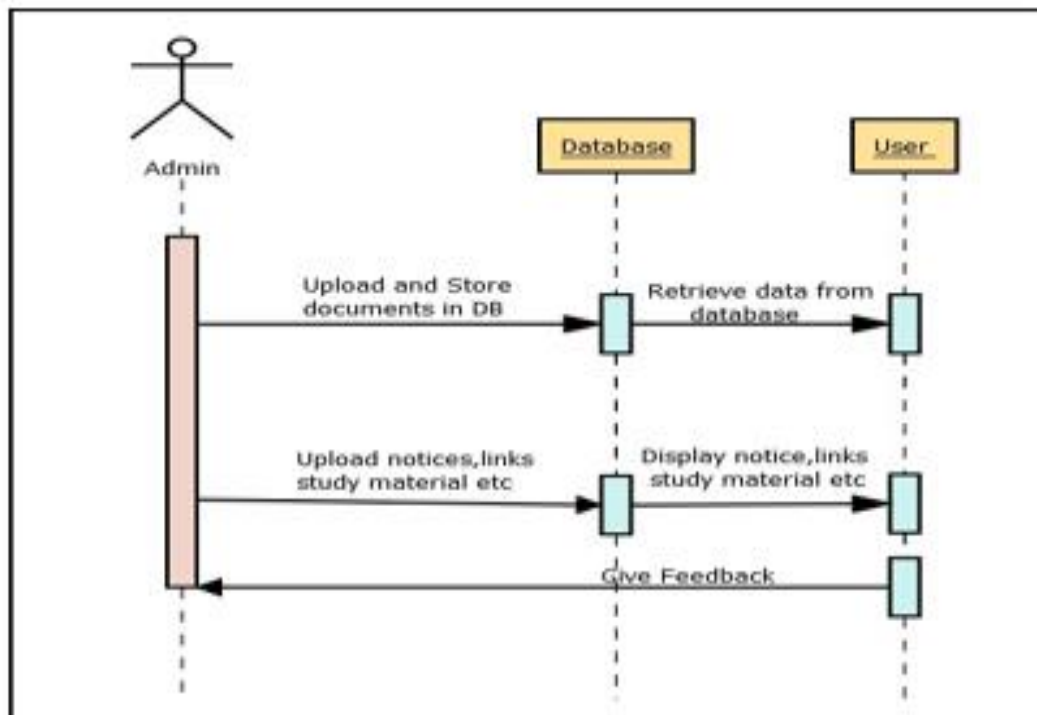
Figure 7. SEQUENCE DIAGRAM

4.7 DEPLOYMENT DIAGRAM
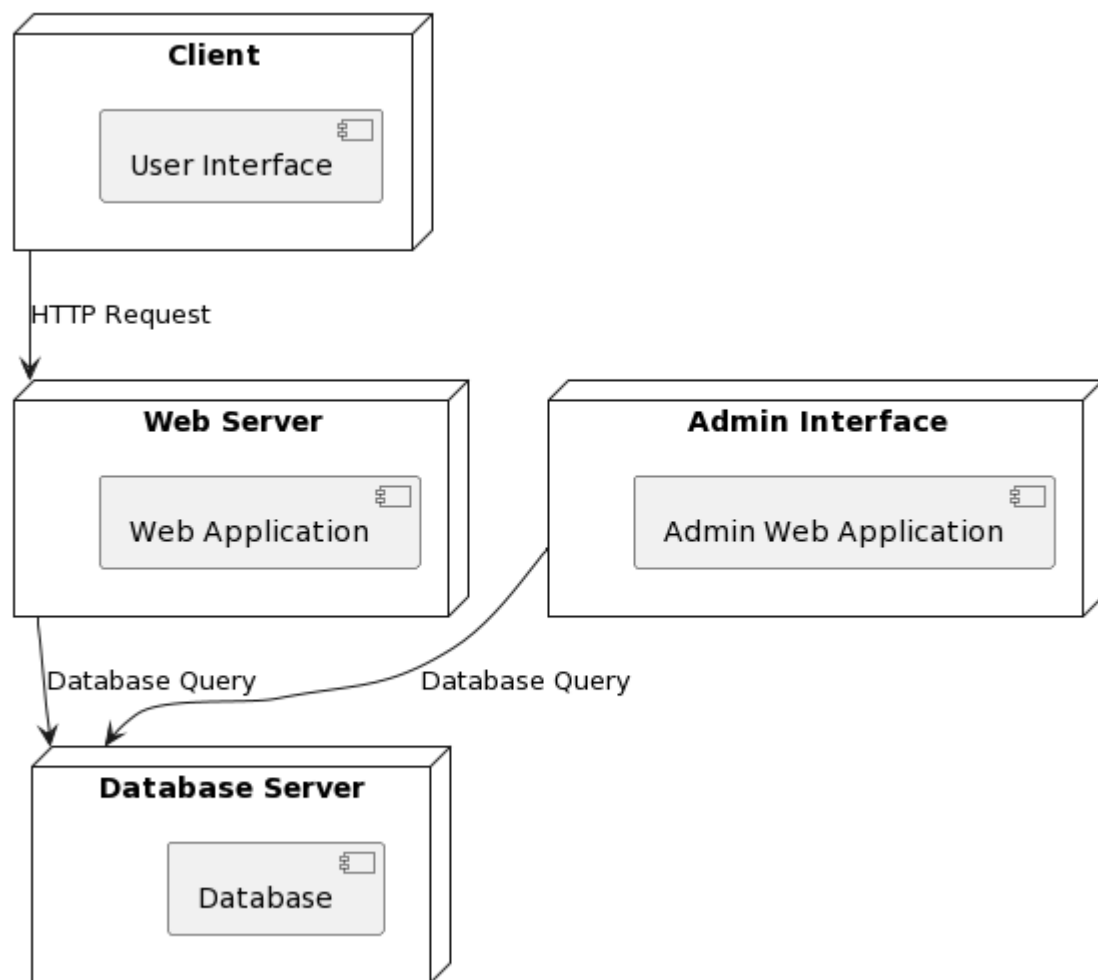
Figure 8 DEPLOYMENT DIAGRAM

CHAPTER 5
GRAPHIC USER INTERFACE (GUI)

5.1 PROJECT SCREENSHOTS

CHATBOT HOME PAGE
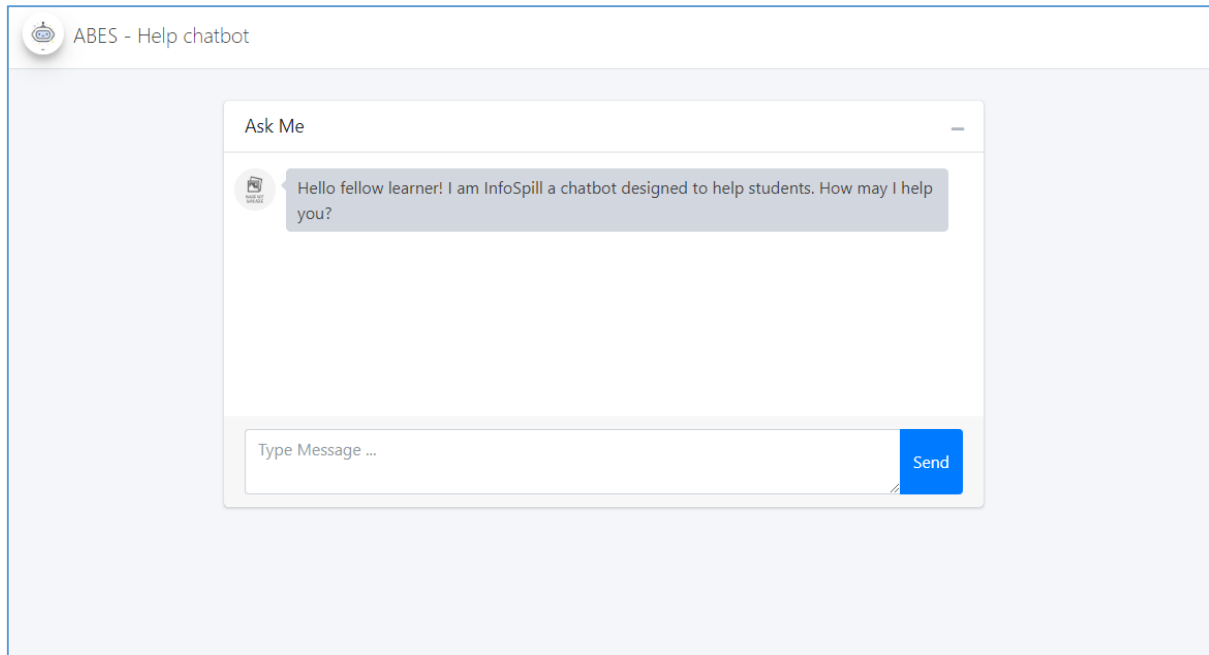
Figure 9. Home Page of the Chatbot Application

ADMIN LOGIN WINDOW
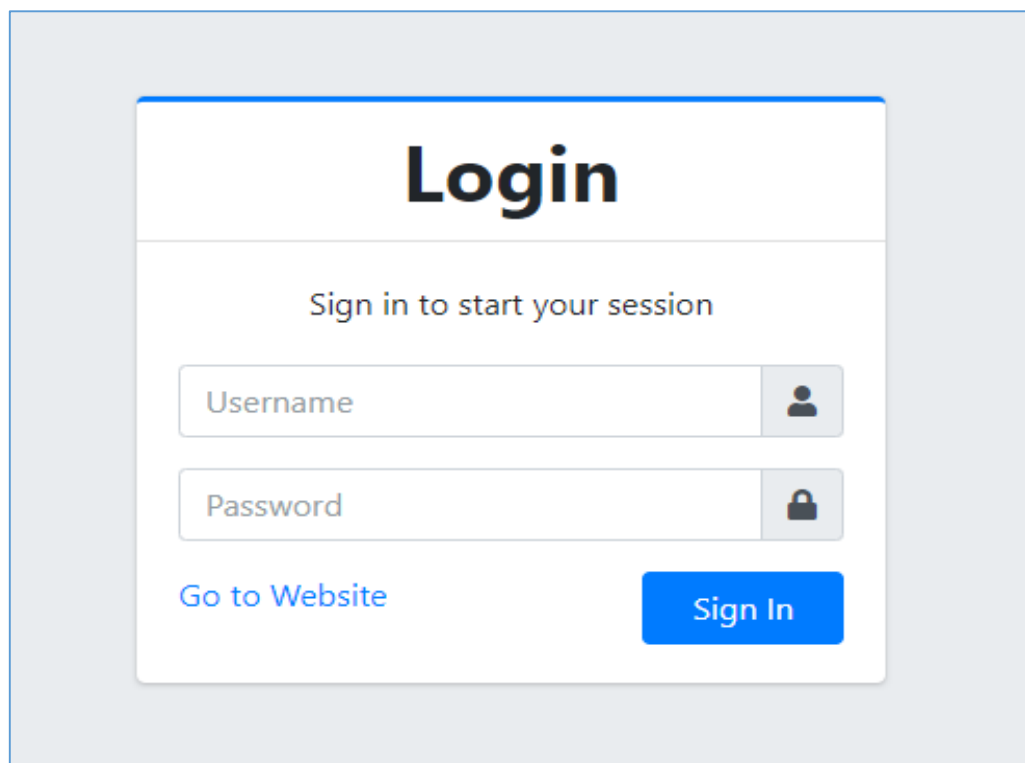
Figure 10. Admin Login Window

ADMIN HOME PAGE

Figure 2. Admin Home Page

CHAPTER 6

CODING PHASE

PHP

defaultNav.php

```
<!-- Navbar -->

  <nav class="main-header navbar navbar-expand-md navbar-light navbar-white">

    <div class="container">

      <a href="<?php echo base_url ?>index3.html" class="navbar-brand">

        <img src="<?php echo base_url ?>dist/img/AdminLTELogo.png"
alt="AdminLTE Logo" class="brand-image img-circle elevation-3" style="opacity: .8">

        <span class="brand-text font-weight-light">AdminLTE 3</span>

      </a>


      <button class="navbar-toggler order-1" type="button" data-toggle="collapse"
data-target="#navbarCollapse" aria-controls="navbarCollapse" aria-
expanded="false" aria-label="Toggle navigation">

        <span class="navbar-toggler-icon"></span>

      </button>


      <div class="collapse navbar-collapse order-3" id="navbarCollapse">

        <!-- Left navbar links -->

        <ul class="navbar-nav">

      <li class="nav-item">

        <a href="index3.html" class="nav-link">Home</a>

      </li>

      <li class="nav-item">

        <a href="#" class="nav-link">Contact</a>

      </li>

      <li class="nav-item dropdown">

        <a id="dropdownSubMenu1" href="#" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false" class="nav-link dropdown-
toggle">Dropdown</a>
```

```html
                <ul aria-labelledby="dropdownSubMenu1" class="dropdown-menu border-0
shadow">

            <li><a href="#" class="dropdown-item">Some action </a></li>

            <li><a href="#" class="dropdown-item">Some other action</a></li>


            <li class="dropdown-divider"></li>


            <!-- Level two dropdown-->

            <li class="dropdown-submenu dropdown-hover">

              <a id="dropdownSubMenu2" href="#" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false" class="dropdown-
item dropdown-toggle">Hover for action</a>

                <ul aria-labelledby="dropdownSubMenu2" class="dropdown-menu border-
0 shadow">

            <li>

              <a tabindex="-1" href="#" class="dropdown-item">level 2</a>

            </li>


            <!-- Level three dropdown-->

            <li class="dropdown-submenu">

              <a id="dropdownSubMenu3" href="#" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false" class="dropdown-

                <ul aria-labelledby="dropdownSubMenu3" class="dropdown-menu
border-0 shadow">

            <li><a href="#" class="dropdown-item">3rd level</a></li>

            <li><a href="#" class="dropdown-item">3rd level</a></li>

            </ul>

            </li>

            <!-- End Level three -->


            <li><a href="#" class="dropdown-item">level 2</a></li>

            <li><a href="#" class="dropdown-item">level 2</a></li>
```

```html
                    </ul>
                  </li>
                  <!-- End Level two -->
                </ul>
              </li>
            </ul>


            <!-- SEARCH FORM -->
            <form class="form-inline ml-0 ml-md-3">
              <div class="input-group input-group-sm">
                <input class="form-control form-control-navbar" type="search" placeholder="Search" aria-label="Search">
                <div class="input-group-append">
                  <button class="btn btn-navbar" type="submit">
                    <i class="fas fa-search"></i>
                  </button>
                </div>
              </div>
            </form>
          </div>


  <!-- Right navbar links -->
  <ul class="order-1 order-md-3 navbar-nav navbar-no-expand ml-auto">
    <!-- Messages Dropdown Menu -->
    <li class="nav-item dropdown">
      <a class="nav-link" data-toggle="dropdown" href="#">
        <i class="fas fa-comments"></i>
        <span class="badge badge-danger navbar-badge">3</span>
      </a>
      <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
        <a href="#" class="dropdown-item">
```
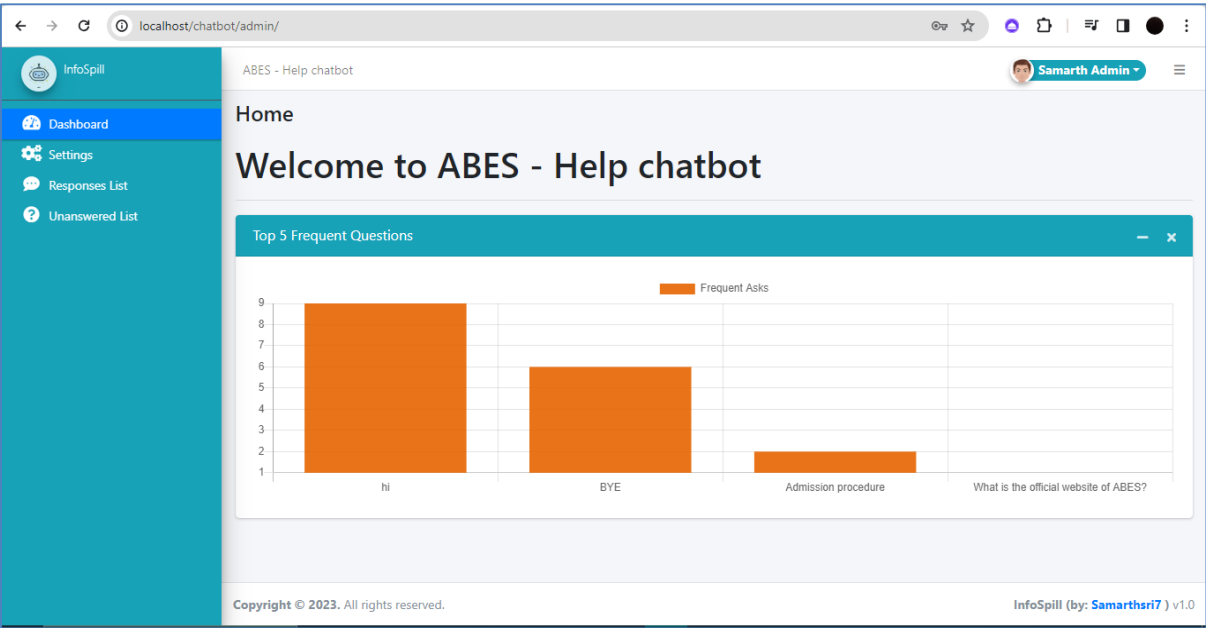
```html
<!-- Message Start -->
<div class="media">
    <img src="<?php echo base_url ?>dist/img/user1-128x128.jpg" alt="User Avatar" class="img-size-50 mr-3 img-circle">
    <div class="media-body">
      <h3 class="dropdown-item-title">
        Brad Diesel
        <span class="float-right text-sm text-danger"><i class="fas fa-star"></i></span>
      </h3>
      <p class="text-sm">Call me whenever you can...</p>
      <p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
    </div>
  </div>
  <!-- Message End -->
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
  <!-- Message Start -->
  <div class="media">
    <img src="<?php echo base_url ?>dist/img/user8-128x128.jpg" alt="User Avatar" class="img-size-50 img-circle mr-3">
    <div class="media-body">
      <h3 class="dropdown-item-title">
        John Pierce
        <span class="float-right text-sm text-muted"><i class="fas fa-star"></i></span>
      </h3>
      <p class="text-sm">I got your message bro</p>
      <p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
```

```html
          </div>

         </div>

        <!-- Message End -->

        </a>

       <div class="dropdown-divider"></div>

       <a href="#" class="dropdown-item">

        <!-- Message Start -->

        <div class="media">

          <img src="<?php echo base_url ?>dist/img/user3-128x128.jpg" alt="User Avatar" class="img-size-50 img-circle mr-3">

          <div class="media-body">

           <h3 class="dropdown-item-title">

             Nora Silvester

             <span class="float-right text-sm text-warning"><i class="fas fa-star"></i></span>

           </h3>

           <p class="text-sm">The subject goes here</p>

           <p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>

          </div>

         </div>

       <!-- Message End -->

      </a>

     <div class="dropdown-divider"></div>

     <a href="#" class="dropdown-item dropdown-footer">See All Messages</a>

    </div>

  </li>

  <!-- Notifications Dropdown Menu -->

  <li class="nav-item dropdown">

   <a class="nav-link" data-toggle="dropdown" href="#">

    <i class="far fa-bell"></i>
```

```
      <span class="badge badge-warning navbar-badge">15</span>
    </a>
    <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
      <span class="dropdown-header">15 Notifications</span>
      <div class="dropdown-divider"></div>
      <a href="#" class="dropdown-item">
        <i class="fas fa-envelope mr-2"></i> 4 new messages
        <span class="float-right text-muted text-sm">3 mins</span>
      </a>
      <div class="dropdown-divider"></div>
      <a href="#" class="dropdown-item">
        <i class="fas fa-users mr-2"></i> 8 friend requests
        <span class="float-right text-muted text-sm">12 hours</span>
      </a>
      <div class="dropdown-divider"></div>
      <a href="#" class="dropdown-item">
        <i class="fas fa-file mr-2"></i> 3 new reports
        <span class="float-right text-muted text-sm">2 days</span>
      </a>
      <div class="dropdown-divider"></div>
    <a href="#" class="dropdown-item">
      <i class="fas fa-file mr-2"></i> 3 new reports
      <span class="float-right text-muted text-sm">2 days</span>
    </a>
    <div class="dropdown-divider"></div>
    <a href="#" class="dropdown-item dropdown-footer">See All
Notifications</a>
    </div>
  </li>
  <li class="nav-item">
    <a class="nav-link" data-widget="control-sidebar" data-slide="true" href="#"
role="button">
      <i class="fas fa-th-large"></i>
    </a>
  </li>
</ul>
```

```
  </div>

 </nav>




footer.php

<script>

 $(document).ready(function(){

    window.viewer_modal = function($src = ''){

     start_loader()

     var t = $src.split('.')

     t = t[1]

     if(t =='mp4'){

      var view = $("<video src='"+$src+"' controls autoplay></video>")

     }else{

      var view = $("<img src='"+$src+"' />")

     }

     $('#viewer_modal .modal-content video,#viewer_modal .modal-content
img').remove()

     $('#viewer_modal .modal-content').append(view)

     $('#viewer_modal').modal({

         show:true,

         backdrop:'static',

         keyboard:false,

         focus:true

       })

       end_loader()


 }

  window.uni_modal = function($title = '' , $url='',$size=""){

     start_loader()
```

```
$.ajax({
    url:$url,
    error:err=>{
        console.log()
        alert("An error occured")
    },
    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+' modal-dialog-
centered')
            }else{
                $('#uni_modal .modal-dialog').removeAttr("class").addClass("modal-
dialog modal-md modal-dialog-centered")
            }
            $('#uni_modal').modal({
                show:true,
                backdrop:'static',
                keyboard:false,
                focus:true
            })
            end_loader()
        }
    }
})
}
window._conf = function($msg='',$func='',$params = []){
    $('#confirm_modal #confirm').attr('onclick',$func+"("+$params.join(',')+")")
    $('#confirm_modal .modal-body').html($msg)
```

```php
      $('#confirm_modal').modal('show')

  }

 })
</script>

<footer class="main-footer text-sm">

    <strong>Copyright © <?php echo date('Y') ?>.

    <!-- <a href=""></a> -->

    </strong>

    All rights reserved.

    <div class="float-right d-none d-sm-inline-block">

     <b><?php echo $_settings->info('short_name') ?> (by: <a
href="https://github.com/Samsri07" target="blank">Samarthsri7</a> )</b> v1.0

    </div>

   </footer>

  </div>

  <!-- ./wrapper -->


  <!-- Resolve conflict in jQuery UI tooltip with Bootstrap tooltip -->

  <script>

   $.widget.bridge('uibutton', $.ui.button)

  </script>

  <!-- Bootstrap 4 -->

  <script src="<?php echo base_url
 ?>plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

  <!-- ChartJS -->

  <script src="<?php echo base_url ?>plugins/chart.js/Chart.min.js"></script>

  <!-- Sparkline -->

  <script src="<?php echo base_url ?>plugins/sparklines/sparkline.js"></script>

  <!-- Select2 -->

  <script src="<?php echo base_url
 ?>plugins/select2/js/select2.full.min.js"></script>
```

```html
<!-- JQVMap -->
<script src="<?php echo base_url ?>plugins/jqvmap/jquery.vmap.min.js"></script>
<script src="<?php echo base_url
?>plugins/jqvmap/maps/jquery.vmap.usa.js"></script>
<!-- jQuery Knob Chart -->
<script src="<?php echo base_url ?>plugins/jquery-
knob/jquery.knob.min.js"></script>
<!-- daterangepicker -->
<script src="<?php echo base_url ?>plugins/moment/moment.min.js"></script>
<script src="<?php echo base_url
?>plugins/daterangepicker/daterangepicker.js"></script>
<!-- Tempusdominus Bootstrap 4 -->
<script src="<?php echo base_url ?>plugins/tempusdominus-bootstrap-
4/js/tempusdominus-bootstrap-4.min.js"></script>
<!-- Summernote -->
<script src="<?php echo base_url ?>plugins/summernote/summernote-
bs4.min.js"></script>
<script src="<?php echo base_url
?>plugins/datatables/jquery.dataTables.min.js"></script>
<script src="<?php echo base_url ?>plugins/datatables-
bs4/js/dataTables.bootstrap4.min.js"></script>
<script src="<?php echo base_url ?>plugins/datatables-
responsive/js/dataTables.responsive.min.js"></script>
<script src="<?php echo base_url ?>plugins/datatables-
responsive/js/responsive.bootstrap4.min.js"></script>
<!-- overlayScrollbars -->
<!-- <script src="<?php echo base_url
?>plugins/overlayScrollbars/js/jquery.overlayScrollbars.min.js"></script> -->
<!-- AdminLTE App -->
<script src="<?php echo base_url ?>dist/js/adminlte.js"></script>
<div class="daterangepicker ltr show-ranges opensright">
  <div class="ranges">
    <ul>
      <li data-range-key="Today">Today</li>
```

```html
            <li data-range-key="Yesterday">Yesterday</li>

            <li data-range-key="Last 7 Days">Last 7 Days</li>

            <li data-range-key="Last 30 Days">Last 30 Days</li>

            <li data-range-key="This Month">This Month</li>

            <li data-range-key="Last Month">Last Month</li>

            <li data-range-key="Custom Range">Custom Range</li>

        </ul>

    </div>

    <div class="drp-calendar left">

      <div class="calendar-table"></div>

      <div class="calendar-time" style="display: none;"></div>

    </div>

    <div class="drp-calendar right">

      <div class="calendar-table"></div>

      <div class="calendar-time" style="display: none;"></div>

    </div>

    <div class="drp-buttons"><span class="drp-selected"></span><button
class="cancelBtn btn btn-sm btn-default" type="button">Cancel</button><button
class="applyBtn btn btn-sm btn-primary" disabled="disabled"
type="button">Apply</button> </div>

    </div>

  <div class="jqvmap-label" style="display: none; left: 1093.83px; top:
394.361px;">Idaho</div>
```

navigation.php

```html
<style>
 .sidebar li.nav-item *{

   color:white;

 }
</style>
<!-- Main Sidebar Container -->

    <aside class="main-sidebar sidebar-dark-primary elevation-4 bg-info text-white">
```

```html
<a href="<?php echo base_url ?>admin" class="brand-link bg-info text-sm">

    <img src="<?php echo validate_image($_settings->info('logo'))?>" alt="Store Logo" class="brand-image img-circle elevation-3" style="opacity: .8;width: 2.5rem;height: 2.5rem;max-height: unset">

    <span class="brand-text font-weight-light"><?php echo $_settings->info('short_name') ?></span>

</a>

<!-- Sidebar -->

<div class="sidebar os-host os-theme-light os-host-overflow os-host-overflow-y os-host-resize-disabled os-host-transition os-host-scrollbar-horizontal-hidden">

    <div class="os-resize-observer-host observed">

        <div class="os-resize-observer" style="left: 0px; right: auto;"></div>

    </div>

    <div class="os-size-auto-observer observed" style="height: calc(100% + 1px); float: left;">

        <div class="os-resize-observer"></div>

    </div>

    <div class="os-content-glue" style="margin: 0px -8px; width: 249px; height: 646px;"></div>

    <div class="os-padding">

        <div class="os-viewport os-viewport-native-scrollbars-invisible" style="overflow-y: scroll;">

            <div class="os-content" style="padding: 0px 8px; height: 100%; width: 100%;">

                <!-- Sidebar user panel (optional) -->

                <div class="clearfix"></div>

                <!-- Sidebar Menu -->

                <nav class="mt-4">

                    <ul class="nav nav-pills nav-sidebar flex-column text-sm nav-compact nav-flat nav-child-indent nav-collapse-hide-child" data-widget="treeview" role="menu" data-accordion="false">

                        <li class="nav-item dropdown">

                            <a href="./" class="nav-link nav-home">
```

```html
            <i class="nav-icon fas fa-tachometer-alt"></i>
            <p>
              Dashboard
            </p>
          </a>
        </li>
        <li class="nav-item dropdown">
          <a href="<?php echo base_url ?>admin/?page=system_info"
class="nav-link nav-system_info">
            <i class="nav-icon fas fa-cogs"></i>
            <p>
              Settings
            </p>
          </a>
        </li>
        <li class="nav-item dropdown">
          <a href="<?php echo base_url ?>admin/?page=responses"
class="nav-link nav-responses">
            <i class="nav-icon fas fa-comment-dots"></i>
            <p>
              Responses List
            </p>
          </a>
        </li>
        <li class="nav-item dropdown">
          <a href="<?php echo base_url ?>admin/?page=unanswered"
class="nav-link nav-unanswered">
            <i class="nav-icon fas fa-question-circle"></i>
            <p>
              Unanswered List
            </p>
```

```
            </a>

          </li>

        </ul>

      </nav>

      <!-- /.sidebar-menu -->

    </div>

  </div>

</div>

<div class="os-scrollbar os-scrollbar-horizontal os-scrollbar-unusable os-scrollbar-auto-hidden">

  <div class="os-scrollbar-track">

    <div class="os-scrollbar-handle" style="width: 100%; transform: translate(0px, 0px);"></div>

  </div>

</div>

<div class="os-scrollbar os-scrollbar-vertical os-scrollbar-auto-hidden">

  <div class="os-scrollbar-track">

    <div class="os-scrollbar-handle" style="height: 55.017%; transform: translate(0px, 0px);"></div>

  </div>

</div>

  <div class="os-scrollbar-corner"></div>

</div>

<!-- /.sidebar -->

</aside>

<script>
$(document).ready(function(){
var page = '<?php echo isset($_GET['page']) ? $_GET['page'] : 'home' ?>';
var s = '<?php echo isset($_GET['s']) ? $_GET['s'] : '' ?>';
page = page.split('/');
page = page[0];
```

```javascript
    if(s!='')
      page = page+'_'+s;


    if($('.nav-link.nav-'+page).length > 0){
        $('.nav-link.nav-'+page).addClass('active')
      if($('.nav-link.nav-'+page).hasClass('tree-item') == true){
        $('.nav-link.nav-'+page).closest('.nav-treeview').siblings('a').addClass('active')
       $('.nav-link.nav-'+page).closest('.nav-treeview').parent().addClass('menu-
open')
      }
      if($('.nav-link.nav-'+page).hasClass('nav-is-tree') == true){
       $('.nav-link.nav-'+page).parent().addClass('menu-open')
      }


    }


   })
  </script>
```

sess_auth.php

```php
<?php
if (session_status() == PHP_SESSION_NONE) {
   session_start();
}
if(isset($_SERVER['HTTPS']) && $_SERVER['HTTPS'] === 'on')
   $link = "https";
else
   $link = "http";
$link .= "://";
$link .= $_SERVER['HTTP_HOST'];
$link .= $_SERVER['REQUEST_URI'];
```

35

```php
if(!isset($_SESSION['userdata']) && !strpos($link, 'login.php')){

    redirect('admin/login.php');

}

if(isset($_SESSION['userdata']) && strpos($link, 'login.php')){

    redirect('admin/index.php');

}

$module = array('','admin','faculty','student');

if(isset($_SESSION['userdata']) && (strpos($link, 'index.php') || strpos($link,
'admin/')) && $_SESSION['userdata']['login_type'] != 1){

    echo "<script>alert('Access
Denied!');location.replace('".base_url.$module[$_SESSION['userdata']['login_type']]."
');</script>";

    exit;

}
```

topBarNav.php

```php
<style>
  .user-img{

      position: absolute;

      height: 27px;

      width: 27px;

    object-fit: cover;

    left: -7%;

    top: -12%;

  }

  .btn-rounded{

      border-radius: 50px;

  }
</style>
<!-- Navbar -->

    <nav class="main-header navbar navbar-expand navbar-white navbar-light text-
sm">
```

```html
<!-- Left navbar links -->
<ul class="navbar-nav">


  <li class="nav-item d-none d-sm-inline-block">
    <a href="<?php echo base_url ?>" class="nav-link"><?php echo
(!isMobileDevice()) ? $_settings->info('name'):$_settings->info('short_name'); ?></a>
  </li>
</ul>
<!-- Right navbar links -->
<ul class="navbar-nav ml-auto">
  <!-- Navbar Search -->
  <!-- <li class="nav-item">
    <a class="nav-link" data-widget="navbar-search" href="#" role="button">
    <i class="fas fa-search"></i>
    </a>
    <div class="navbar-search-block">
      <form class="form-inline">
        <div class="input-group input-group-sm">
          <input class="form-control form-control-navbar" type="search"
placeholder="Search" aria-label="Search">
          <div class="input-group-append">
          <button class="btn btn-navbar" type="submit">
          <i class="fas fa-search"></i>
          </button>
          <button class="btn btn-navbar" type="button" data-widget="navbar-
search">
          <i class="fas fa-times"></i>
          </button>
          </div>
        </div>
      </form>
```

```
        </div>

    </li> -->

    <!-- Messages Dropdown Menu -->

    <li class="nav-item">

      <div class="btn-group nav-link">

            <button type="button" class="btn btn-rounded badge badge-info
dropdown-toggle dropdown-icon" data-toggle="dropdown">

                <span><img src="<?php echo validate_image($_settings-
>userdata('avatar')) ?>" class="img-circle elevation-2 user-img" alt="User
Image"></span>

                <span class="ml-3"><?php echo ucwords($_settings-
>userdata('firstname').' '.$_settings->userdata('lastname')) ?></span>

                <span class="sr-only">Toggle Dropdown</span>

            </button>

            <div class="dropdown-menu" role="menu">

                <a class="dropdown-item" href="<?php echo
base_url.'admin/?page=user' ?>"><span class="fa fa-user"></span> My
Account</a>

                <div class="dropdown-divider"></div>

                <a class="dropdown-item" href="<?php echo
base_url.'/classes/Login.php?f=logout' ?>"><span class="fas fa-sign-out-
alt"></span> Logout</a>

            </div>

      </div>

    </li>

    <li class="nav-item">

      <a class="nav-link" data-widget="pushmenu" href="#" role="button"><i
class="fas fa-bars"></i></a>

    </li>

    <!-- <li class="nav-item">

      <a class="nav-link" data-widget="control-sidebar" data-slide="true" href="#"
role="button">

        <i class="fas fa-th-large"></i>

      </a>
```

```
        </li> -->
      </ul>
    </nav>
    <!-- /.navbar -->
```

index.php

```php
<?php if($_settings->chk_flashdata('success')): ?>
<script>
    alert_toast("<?php echo $_settings->flashdata('success') ?>",'success')
</script>
<?php endif;?>
<div class="card card-outline card-primary">
  <div class="card-header">
    <h3 class="card-title">List of Questions Responses</h3>
    <div class="card-tools">
        <a href="?page=responses/manage" class="btn btn-flat btn-info"><span class="fas fa-plus"></span>  Create New</a>
    </div>
  </div>
  <div class="card-body">
    <div class="container-fluid">
    <table class="table table-bordered table-stripped">
      <colgroup>
        <col width="5%">
        <col width="20%">
        <col width="60%">
        <col width="15%">
      </colgroup>
      <thead>
        <tr>
          <th>#</th>
```

```php
                <th>Question</th>
                <th>Response</th>
                <th>Action</th>
            </tr>
        </thead>
        <tbody>
            <?php
            $i = 1;
                $qry = $conn->query("SELECT q.id, r.response_message, q.question
FROM `questions` q inner join `responses` r on q.response_id = r.id order by
q.question asc ");
                while($row = $qry->fetch_assoc()):
            ?>
                <tr>
                    <td class="text-center"><?php echo $i++; ?></td>
                    <td><?php echo $row['question'] ?></td>
                    <td><span class="truncate"><?php echo
$row['response_message'] ?></span></td>
                    <td align="center">
                        <button type="button" class="btn btn-flat btn-info dropdown-
toggle dropdown-icon" data-toggle="dropdown">
                            Action
                        <span class="sr-only">Toggle Dropdown</span>
                        </button>
                        <div class="dropdown-menu" role="menu">
                            <a class="dropdown-item"
href="?page=responses/manage&id=<?php echo $row['id'] ?>"><span class="fa fa-
edit text-primary"></span> Edit</a>
                            <div class="dropdown-divider"></div>
                            <a class="dropdown-item delete_data"
href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-trash
text-danger"></span> Delete</a>
                        </div>
```

```
                  </td>
                </tr>
              <?php endwhile; ?>
            </tbody>
          </table>
        </div>
      </div>
    </div>
    <script>
      $(document).ready(function(){
        $('.delete_data').click(function(){
          _conf("Are you sure to delete this data?","delete_question",[$(this).attr('data-
id')])
        })
        $('.table').dataTable();
      })
      function delete_question($id){
        start_loader();
        $.ajax({
          url:_base_url_+"classes/Master.php?f=delete_response",
          method:"POST",
          data:{id: $id},
          error:err=>{
            console.log(err)
            alert_toast("An error occured.",'error');
            end_loader();
          },
          success:function(resp){
            if(resp == 1){
              location.reload();
            }else{
```

```
                alert_toast("An error occured.",'error');

                end_loader();

            }

        }

    })

}

</script>


manage.php

<style>

    .q-item {

        border-radius: 50px;

    }


</style>

<?php

if(isset($_GET['id']) && !empty($_GET['id'])){

    $qry = $conn->query("SELECT q.id, r.response_message, q.question FROM
`questions` q inner join `responses` r on q.response_id = r.id where q.id =
{$_GET['id']}");

    foreach($qry->fetch_array() as $k => $v){

        if(!is_numeric($k)){

            $$k = $v;

        }

    }

}

?>

<div class="card card-outline card-info">

    <div class="card-header">

        <h3 class="card-title"><?php echo isset($_GET['id']) ? "Update ": "Create New "
?>Question Response</h3>
```

```
                alert_toast("An error occured.",'error');

                end_loader();

            }

        }

    })

}

</script>


manage.php

<style>

    .q-item {

        border-radius: 50px;

    }


</style>

<?php

if(isset($_GET['id']) && !empty($_GET['id'])){

    $qry = $conn->query("SELECT q.id, r.response_message, q.question FROM
`questions` q inner join `responses` r on q.response_id = r.id where q.id =
{$_GET['id']}");

    foreach($qry->fetch_array() as $k => $v){

        if(!is_numeric($k)){

            $$k = $v;

        }

    }

}

?>

<div class="card card-outline card-info">

    <div class="card-header">

        <h3 class="card-title"><?php echo isset($_GET['id']) ? "Update ": "Create New "
?>Question Response</h3>
```

```html
</div>

<div class="card-body">

<form action="" id="response-form">

<input type="hidden" name ="id" value="<?php echo isset($_GET['id']) ?
$_GET['id'] : '' ?>">

<?php if(!isset($id)): ?>

<div class="form-group">

<label for="question_field" class="control-label">Question</label>

<div class="input-group col-lg-6">

<input type="text" id="question" class="form-control form-control-sm"
data-original-title="" title="">


<div class="input-group-append">

<a href="javascript:void(0)" class="input-group-text  bg-primary"
id="add_question"><i class="fas fa-plus"></i></a>

</div>

</div>

<small><i>(Click the "<b>+</b>" to add the question)</i></small>

</div>

<?php else: ?>

<div class="form-group">

<label for="question_field" class="control-label">Question</label>

<input type="text" id="question_field" name="question[]" value="<?php
echo isset($question) ? $question : '' ?>" class="form-control form-control-sm"
required>

</div>

<?php endif; ?>

<div class="form-group">

<div class="continer-fluid" id="question-holder">

<?php


if(isset($_GET['q']) && !empty($_GET['q'])){
```

```php
                 ?>
                    <span class="badge badge-primary q-item m-2 pl-2">
                        <span style='font-size:12px'><?php echo $_GET['q'] ?><input
type='hidden' name='question[]' value='<?php echo $_GET['q'] ?>'></span>
                        <span class='p-2'><a href='javascript:void(0)'
onclick="$(this).closest('.q-item').remove();" class='text-white'><i class='fa fa-
times'></i></a></span></span>
                    </span>
                <script>
                  $(document).ready(function(){
                    $('#response_message').focus();
                  })
                </script>
                <?php
                }


                ?>


            </div>
            </div>
            <div class="form-group">
                <label for="response_message" class="control-label">Response
Message</label>
                <textarea name="response_message" id="response_message" cols="30"
rows="3" class="form-control" style="resize: none" required><?php echo
isset($response_message) ? $response_message : ''; ?></textarea>
            </div>
        </form>
    </div>
    <div class="card-footer">
        <button class="btn btn-flat btn-primary" form="response-form">Save</button>
        <a class="btn btn-flat btn-default" href="?page=responses">Cancel</a>
```

```
      </div>

  </div>

<script>

    $(document).ready(function(){

      function add_question(){

          var question = $('#question').val()

          if(question == '' || question == null)

            return false;

          var span = $('<span class="badge badge-primary q-item m-2 pl-2"></span>')

          span.append("<span style='font-size:12px'>"+question+"<input type='hidden'
name='question[]' value='"+question+"'></span>")

          span.append("<span class='p-2'><a href='javascript:void(0)'
onclick=\"$(this).closest('.q-item').remove();\" class='text-white'><i class='fa fa-
times'></i></a></span>")

          span.appendTo('#question-holder');

          $('#question').val('')

          $('#question').removeClass("border-danger")

          $('.err-msg').remove();

          $('#question').focus();

      }

      $('#add_question').click(function(){

        add_question()

      })

    $('#question').keypress(function(e){

      if(e.which === 13){

      add_question()

      return false;

      }

    })

    $('#response-form').submit(function(e){

      e.preventDefault();
```

45

```
        $('.err-msg').remove();

      if($('input[name="question[]"]').length <= 0){

          $('#question').addClass("border-danger")

          $('#question-holder').after("<span class='alert alert-danger err-msg'><i
class='fa fa-exclamation-triangle'></i>  You must add atleast one (1) possible
question for the response.</span>")

          $('#question').focus();

          return false;

      }

      start_loader();

      $.ajax({

          url:_base_url_+"classes/Master.php?f=save_response",

          method:'POST',

          data:$(this).serialize(),

          error:err=>{

              console.log(err)

              alert_toast("An error occured",'error');

              end_loader();

          },

          success:function(resp){

              if(resp == 1){

                  location.href = "./?page=responses";

              }else{

                  alert_toast("An error occured",'error');

                  end_loader();

              }

          }

      })

    })

  })

</script>
```

home.php

```php
<h1>Welcome to <?php echo $_settings->info('name') ?></h1>
<hr>
<!-- BAR CHART -->
<div class="card card-info">
  <div class="card-header">
    <h3 class="card-title">Top 5 Frequent Questions</h3>


    <div class="card-tools">
      <button type="button" class="btn btn-tool" data-card-widget="collapse">
        <i class="fas fa-minus"></i>
      </button>
      <button type="button" class="btn btn-tool" data-card-widget="remove">
        <i class="fas fa-times"></i>
      </button>
    </div>
  </div>
  <div class="card-body">
    <div class="chart">
      <canvas id="barChart" style="min-height: 250px; height: 250px; max-height: 250px; max-width: 100%;"></canvas>
    </div>
  </div>
  <!-- /.card-body -->
</div>
<!-- /.card -->
<?php


$questions = $conn->query("SELECT * FROM `questions` where id in (SELECT question_id from frequent_asks) ");
```

```php
$list = array();

while($row = $questions->fetch_assoc()){

  $count = $conn->query("SELECT * FROM frequent_asks where question_id =
{$row['id']} ")->num_rows;

  $list[$count] = array("count"=>$count,"question" =>$row['question']);

}

krsort($list);

$label = array();

$data = array();

$i = 5;

foreach($list as $k => $v){

  $i--;

  $label[] = $list[$k]['question'];

  $data[] = $list[$k]['count'];

  if($i == 0)

    break;

}

?>

<script>

  $(function() {

    var areaChartData = {
labels  : ['<?php echo implode('\',\'",$label) ?>'],

datasets: [
  {
    label            : 'Frequent Asks',
    backgroundColor    : 'rgba(230, 100, 0, 0.9)',
    borderColor        : 'rgba(60,141,188,0.8)',
    pointRadius        : false,
    pointColor        : '#3b8bba',
    pointStrokeColor    : 'rgba(60,141,188,1)',
    pointHighlightFill : '#fff',
```

```php
      pointHighlightStroke: 'rgba(60,141,188,1)',
      data            : [<?php echo implode(',',$data) ?>]
    }
  ]
}


var areaChartOptions = {
  maintainAspectRatio : false,
  responsive : true,
  legend: {
    display: false
  },
  scales: {
    xAxes: [{
      gridLines : {
        display : false,
      }
    }],
    yAxes: [{
      gridLines : {
        display : false,
      }
    }]
  }
}
 //-------------
  //- BAR CHART -
 //-------------
  var barChartCanvas = $('#barChart').get(0).getContext('2d')
  var barChartData = $.extend(true, {}, areaChartData)
```

```
        var temp0 = areaChartData.datasets[0]
        barChartData.datasets[0] = temp0
        console.log()

        var barChartOptions = {
          responsive          : true,
          maintainAspectRatio : false,
          datasetFill         : false
        }

        new Chart(barChartCanvas, {
          type: 'bar',
          data: barChartData,
          options: barChartOptions
        })

      })
    </script>
```

index.php

```php
<?php require_once('../config.php'); ?>
<!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
<?php require_once('inc/header.php') ?>
  <body class="layout-fixed layout-footer-fixed text-sm sidebar-mini control-sidebar-
slide-open layout-navbar-fixed " data-new-gr-c-s-check-loaded="14.991.0" data-gr-
ext-installed="" style="height: auto;">
    <div class="wrapper">
    <?php require_once('inc/topBarNav.php') ?>
    <?php require_once('inc/navigation.php') ?>
```

```php
<?php $page = isset($_GET['page']) ? $_GET['page'] : 'home';  ?>
<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper" style="min-height: 567.854px;">
  <!-- Content Header (Page header) -->
  <div class="content-header">
    <div class="container-fluid">
      <div class="row mb-2">
        <div class="col-sm-6">
          <h1 class="m-0"><?php echo ucwords(str_replace(array("/","_"), " ",$page)) ?></h1>
        </div>
        <!-- /.col -->
        <!-- <div class="col-sm-6">
          <ol class="breadcrumb float-sm-right">
            <li class="breadcrumb-item"><a href="./admin?<?php echo $page ?>"><?php echo ucwords(str_replace("_", " ",$page)) ?></a></li>
            <li class="breadcrumb-item active">Dashboard v1</li>
          </ol>
        </div> -->
        <!-- /.col -->
      </div>
      <!-- /.row -->
    </div>
    <!-- /.container-fluid -->
  </div>
  <!-- /.content-header -->
  <!-- Main content -->
  <section class="content">
    <div class="container-fluid">
      <?php
        if(!file_exists($page.".php") && !is_dir($page)){
```

51

```php
            include '404.html';
        }else{
          if(is_dir($page))
            include $page.'/index.php';
          else
            include $page.'.php';


        }
      ?>
    </div>
  </section>
  <!-- /.content -->
  <div class="modal fade" id="confirm_modal" role='dialog'>
   <div class="modal-dialog modal-md modal-dialog-centered" 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'>
```

```html
      <div class="modal-dialog modal-md modal-dialog-centered" 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 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>

     <!-- /.content-wrapper -->

     <?php require_once('inc/footer.php') ?>

   </body>

 </html>
```

login.php

```
 <?php require_once('../config.php') ?>

 <!DOCTYPE html>

 <html lang="en" class="" style="height: auto;">

  <?php require_once('inc/header.php') ?>

<body class="hold-transition login-page">

 <script>

   start_loader()

 </script>

<div class="login-box">

 <!-- /.login-logo -->

 <div class="card card-outline card-primary">

   <div class="card-header text-center">

     <a href="./" class="h1"><b>Login</b></a>

   </div>

   <div class="card-body">
```

```html
<p class="login-box-msg">Sign in to start your session</p>

<form id="login-frm" action="" method="post">
  <div class="input-group mb-3">
    <input type="text" class="form-control" name="username" placeholder="Username">
    <div class="input-group-append">
      <div class="input-group-text">
        <span class="fas fa-user"></span>
      </div>
    </div>
  </div>
  <div class="input-group mb-3">
    <input type="password" class="form-control" name="password" placeholder="Password">
    <div class="input-group-append">
      <div class="input-group-text">
        <span class="fas fa-lock"></span>
      </div>
    </div>
  </div>
  <div class="row">
    <div class="col-8">
      <a href="<?php echo base_url ?>">Go to Website</a>
    </div>
    <!-- /.col -->
    <div class="col-4">
      <button type="submit" class="btn btn-primary btn-block">Sign In</button>
    </div>
    <!-- /.col -->
  </div>
```

```html
      </form>
      <!-- /.social-auth-links -->

      <!-- <p class="mb-1">
        <a href="forgot-password.html">I forgot my password</a>
      </p> -->

    </div>
    <!-- /.card-body -->
  </div>
  <!-- /.card -->
</div>
<!-- /.login-box -->

<!-- jQuery -->
<script src="plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="dist/js/adminlte.min.js"></script>

<script>
  $(document).ready(function(){
    end_loader();
  })
</script>
</body>
</html>
```

config.php

```php
<?php
ob_start();
ini_set('date.timezone','Asia/Manila');
date_default_timezone_set('Asia/Manila');
session_start();

require_once('initialize.php');
require_once('classes/DBConnection.php');
require_once('classes/SystemSettings.php');
$db = new DBConnection;
$conn = $db->conn;

function redirect($url=''){
    if(!empty($url))
    echo '<script>location.href="'.base_url .$url.'"</script>';
}
function validate_image($file){
    if(!empty($file)){
         // exit;
       if(is_file(base_app.$file)){
          return base_url.$file;
       }else{
          return base_url.'dist/img/no-image-available.png';
       }
    }else{
       return base_url.'dist/img/no-image-available.png';
    }
}
function isMobileDevice(){
    $aMobileUA = array(
```

```php
        '/iphone/i' => 'iPhone',

        '/ipod/i' => 'iPod',

        '/ipad/i' => 'iPad',

        '/android/i' => 'Android',

        '/blackberry/i' => 'BlackBerry',

        '/webos/i' => 'Mobile'

    );


    //Return true if Mobile User Agent is detected
    foreach($aMobileUA as $sMobileKey => $sMobileOS){
        if(preg_match($sMobileKey, $_SERVER['HTTP_USER_AGENT'])){
            return true;
        }
    }
    //Otherwise return false
    return false;
}
ob_end_flush();
?>
```

initialize.php

```php
<?php

$dev_data = array('id'=>'-1','firstname'=>'Developer','lastname'=>'','username'=>'dev_oretnom','password'=>'5da283a2d990e8d8512cf967df5bc0d0','last_login'=>'','date_updated'=>'','date_added'=>'');

if(!defined('base_url')) define('base_url','http://localhost/chatbot/');

if(!defined('base_app')) define('base_app', str_replace('\\','/',__DIR__).'/' );

if(!defined('dev_data')) define('dev_data',$dev_data);

if(!defined('DB_SERVER')) define('DB_SERVER',"localhost");
```

```php
if(!defined('DB_USERNAME')) define('DB_USERNAME',"root");
if(!defined('DB_PASSWORD')) define('DB_PASSWORD',"");
if(!defined('DB_NAME')) define('DB_NAME',"chatbot_db");
?>
```

CHAPTER 7
GANTT CHART

	Week 1	Week 2	Week 3	Week 4
Phase 1	**Initiating**	**Planning**	**Defining**	**Need**
Phase 2	**Requirement**	**Blue Print**	**Designing**	**Building**
Phase 3	**Front end**	**Development**	**Back end**	**Development**
Phase 4	**Testing**	**Validating**	**Verifying**	**Deploying**

CHAPTER 8
PROJECT TIMELINE

Project Life cycle	Timeline
Initiating/Defining	Completed
Planning/Designing	Completed
Executing/Coding	Completed
Closing	Processing

Figure 3. Timeline of the project

CHAPTER 9
FUTURE SCOPE OF THE PROJECT

The "College Enquiry Chatbot" project holds significant potential for future expansion and enhancement. Some future scope areas include:

1. **Natural Language Processing (NLP) Integration**: Currently, the chatbot relies on manual database input for responses. Integrating NLP technology can enhance the chatbot's ability to understand and respond to natural language queries, making interactions more intuitive and efficient.

2. **Multi-language Support**: Expanding the chatbot's capabilities to support multiple languages can cater to a broader audience of international students and improve accessibility for non-native English speakers.

3. **Personalization and User Profiling**: Implementing user profiling features can allow the chatbot to tailor responses based on individual preferences, academic interests, and past interactions, providing a more personalized experience for users.

4. **Advanced Query Handling**: Enhancing the chatbot's ability to handle complex queries, such as course-specific inquiries, admission eligibility criteria, and scholarship opportunities, can further improve the depth and accuracy of responses.

CHAPTER 10
BENEFITS OF THE PROJECT

The "College Enquiry Chatbot" project holds significant potential for future expansion and enhancement. Some future scope areas include:

5. **Natural Language Processing (NLP) Integration**: Currently, the chatbot relies on manual database input for responses. Integrating NLP technology can enhance the chatbot's ability to understand and respond to natural language queries, making interactions more intuitive and efficient.

6. **Multi-language Support**: Expanding the chatbot's capabilities to support multiple languages can cater to a broader audience of international students and improve accessibility for non-native English speakers.

7. **Personalization and User Profiling**: Implementing user profiling features can allow the chatbot to tailor responses based on individual preferences, academic interests, and past interactions, providing a more personalized experience for users.

8. **Advanced Query Handling**: Enhancing the chatbot's ability to handle complex queries, such as course-specific inquiries, admission eligibility criteria, and scholarship opportunities, can further improve the depth and accuracy of responses.

9. **Integration with Learning Management Systems (LMS)**: Integrating the chatbot with existing LMS platforms can provide students with seamless access to course materials, assignment deadlines, and academic resources, enhancing the overall learning experience.

CHAPTER 11
CONCLUSION

The development of the "College Enquiry Chatbot" represents a significant step towards enhancing communication and information access in higher education institutions.

Through the implementation of this innovative solution, students can effortlessly seek information about admissions, courses, and campus facilities, while administrators can efficiently manage inquiries and provide timely responses.

The benefits of the chatbot project are clear: improved access to information, enhanced user experience, efficient communication, 24/7 availability, data-driven insights, cost savings, competitive advantage, and adaptability.

These advantages contribute to a more streamlined and effective communication ecosystem within educational institutions, ultimately leading to higher levels of student satisfaction and engagement.

As technology continues to evolve, the "College Enquiry Chatbot" project serves as a testament to the importance of leveraging innovative solutions to meet the evolving needs of students and educational institutions.

By embracing digital transformation and investing in user-centric technologies like chatbots, colleges and universities can position themselves as leaders in providing modern, efficient, and student-focused services.