

# SYNOPSIS

This synopsis presents a project utilizing the development of a student information chatbot. This chatbot, while not powered by artificial intelligence, aims to provide a user-friendly interface accessible 24/7, empowering students with immediate and convenient access to a variety of information crucial for their academic and campus life. Leveraging the dynamic interaction capabilities of PHP and the robust data storage functionalities of MySQL, the chatbot seeks to achieve several key objectives. Firstly, it strives to empower students by granting them immediate access to readily available information regarding academic resources, such as course schedules, syllabi, and library resources. Secondly, the chatbot aims to enhance accessibility by offering 24/7 availability, streamlining the process of retrieving information for students, especially outside of regular office hours. This eliminates the need for students to navigate complex websites or wait for responses from personnel. Finally, the chatbot seeks to reduce the administrative burden by providing self-service options for frequently asked questions and basic information retrieval. This allows staff to dedicate their time and expertise to handling more complex student concerns that require deeper interaction and personalized assistance. The project's effectiveness will be evaluated on various metrics, including user satisfaction, the effectiveness of information access through the chatbot, and the potential reduction of workload for administrative staff. Ultimately, this initiative aspires to contribute to improved student support and a more efficient system for accessing information within educational institutions, fostering a more streamlined and empowered learning environment for students.

**Front End:** HTML, CSS

**Back End:** PHP, MYSQL

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# **1. PROJECT DESCRIPTION**

## **1.1. INTRODUCTION**

The project introduces the development of a student information chatbot. This user-oriented, non-AI powered system, meticulously crafted using PHP and MySQL, aims to empower students with readily available information while simultaneously alleviating the administrative burden on staff. By harnessing the dynamic interaction capabilities of PHP, the chatbot fosters a user-friendly interface accessible 24/7, eliminating the limitations of traditional information dissemination channels. This initiative strives to achieve several key objectives: firstly, empowering students by granting them immediate access to crucial academic resources, encompassing course schedules, syllabi, library information, and other pertinent details. This eliminates the need for students to navigate complex websites or wait for responses during limited office hours, empowering them to take charge of their learning journey. Secondly, the project seeks to enhance accessibility by offering 24/7 availability. This fosters a more inclusive learning environment, catering to students with diverse schedules and learning styles, regardless of location or time constraints. Finally, the project aims to reduce the administrative burden by providing self-service options for frequently asked questions and basic information retrieval. This allows staff to dedicate their expertise to handling more complex student concerns that require personalized attention and personalized assistance, fostering a more efficient and effective support system. The project's effectiveness will be meticulously evaluated based on various metrics, including user satisfaction, the effectiveness of information access through the chatbot, and the potential reduction of workload for administrative staff. Ultimately, this initiative aspires to contribute to a more streamlined and empowered learning environment for students by fostering improved student support and a more efficient system for accessing information within educational institutions. Through this innovative approach, educational institutions can strive to create a more fulfilling and productive academic experience for all stakeholders, empowering students to flourish in their academic endeavours.

## 1.2 EXISTING SYSTEM

While existing systems offer various avenues for students to access information, they often present several disadvantages:

**Limited Accessibility:** University websites can be complex and time-consuming to navigate, requiring significant effort to locate specific information. Mobile apps, while convenient, often have limited information scope and require installation, potentially creating issues for students with limited storage space or incompatible devices. Email communication, although established, can be slow and inefficient due to varying response times, leading to frustration and delays for students seeking urgent information. Static information kiosks lack interactivity and may not be readily accessible in all locations, particularly outside of operating hours or in remote areas of campus.

**Lack of User-friendliness:** University websites often cater to a broad audience and may not be optimized for user-friendliness, especially for students unfamiliar with the institution's structure or terminology. Mobile apps, while user-friendly to an extent, may require familiarization with their specific interface and navigation. Email communication, while familiar, can be cumbersome due to the need for clear and concise message formulation, potentially leading to misunderstandings or delays. Static information kiosks offer limited interaction and may not cater to diverse learning styles or preferences.

**Inconsistent Information Management:** Information across various existing systems may not be consistently updated or maintained, leading to confusion and frustration for students encountering outdated or inaccurate data. This inconsistency can be particularly problematic when dealing with time-sensitive information like deadlines, registration procedures, or campus events.

Proposed chatbot, by leveraging the dynamic and interactive nature of PHP and MySQL, aims to address these shortcomings by offering a user-friendly, readily accessible, and personalized information access point for students, fostering a more efficient and effective learning environment within educational institutions.

## 1.3 PROPOSED SYSTEM

Compared to existing student information access methods, student information chatbot offers several potential advantages:

**24/7 Availability:** Unlike websites or mobile apps with limited operating hours, the chatbot provides information access anytime, anywhere, eliminating the need for students to wait for responses or navigate complex systems during specific office hours.

**Reduced Navigation Complexity:** By utilizing a conversational interface, the chatbot eliminates the need for students to navigate complex website structures or app interfaces. Students can simply ask questions in natural language, streamlining information retrieval.

**Intuitive Interface:** The chatbot's conversational nature fosters a user-friendly experience, mimicking natural human interaction and simplifying information access for students of all technical backgrounds.

**Personalized Interaction:** Unlike static information sources, the chatbot can potentially personalize information delivery based on individual student needs or preferences, catering to diverse learning styles and offering a more engaging experience.

**Self-service Options:** By providing self-service options for frequently asked questions and basic information retrieval, the chatbot reduces the burden on administrative staff, allowing them to dedicate their time to handling more complex student concerns that require personalized attention.

**Faster Information Retrieval:** The chatbot eliminates the need for students to search through extensive website sections or wait for email responses, enabling them to access information quickly and efficiently.

**Centralized Information Source:** The chatbot can potentially act as a centralized hub for student information, ensuring consistent and up-to-date data delivery across various topics, reducing the risk of encountering outdated or inaccurate information found in disparate systems.

**Accessibility for Diverse Needs:** The chatbot can potentially be designed to cater to diverse learning styles by offering various information formats (text, audio) and potentially integrating accessibility features for students with disabilities.

Potential for Expansion: The chatbot's framework can potentially be expanded to integrate with other student support services, offering a more comprehensive and interconnected learning experience.

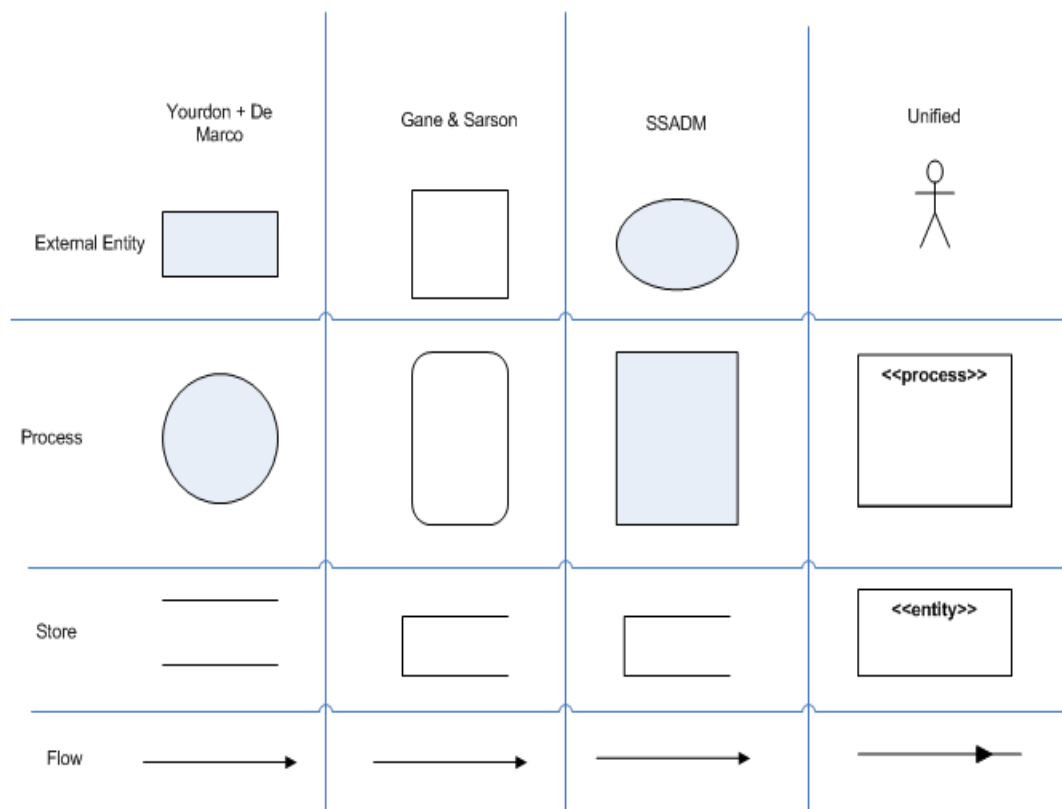
It's important to note that these are potential advantages, and the actual effectiveness of the chatbot will depend on its development, implementation, and user feedback. However, compared to existing systems, Student Information Chatbot proposed PHP and MySQL-based chatbot holds the potential to offer a more accessible, user-friendly, efficient, and personalized information access solution for students, fostering a more effective learning environment within educational institutions.

## 2. LOGICAL DEVELOPMENT

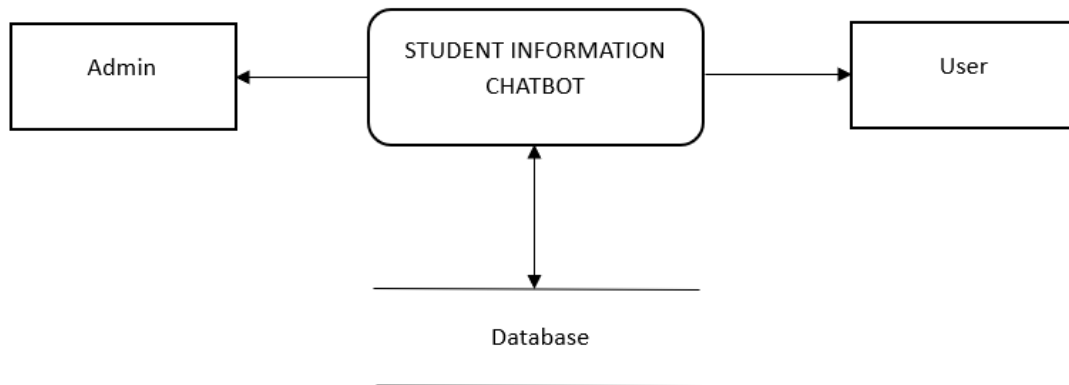
### 2.1. DATA FLOW DIAGRAM

A DFD (Data Flow Diagram) is a graphical representation of the flow of data through an information system, modeling its process aspects. It typically shows inputs, processes, outputs, and storage that describe how data flows in a system. It's used to visualize and understand the flow of information, identify areas for improvement, and communicate design decisions.

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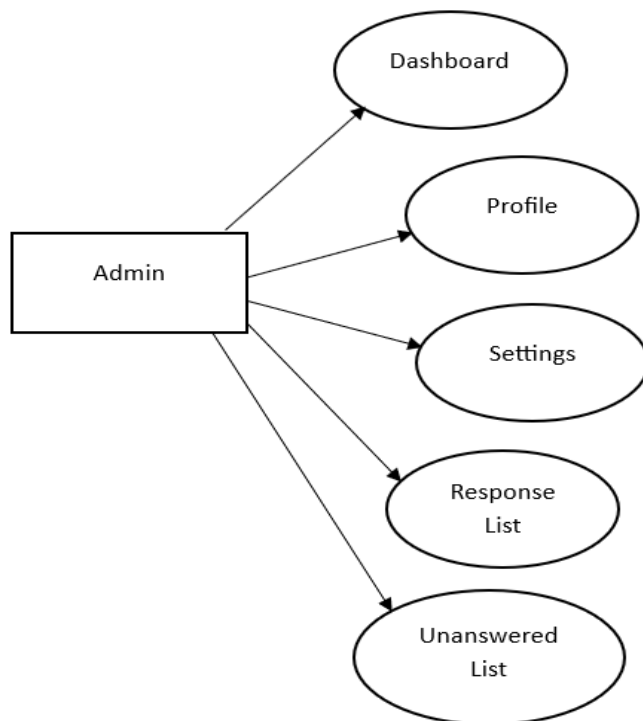


## LEVEL 0



**Fig 2.1.1 Level 0 DFD**

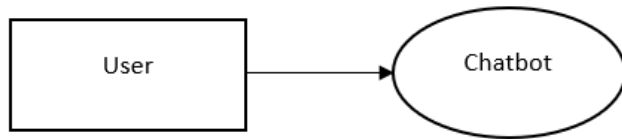
## LEVEL 1



**Fig 2.1.2 Level 1 DFD**

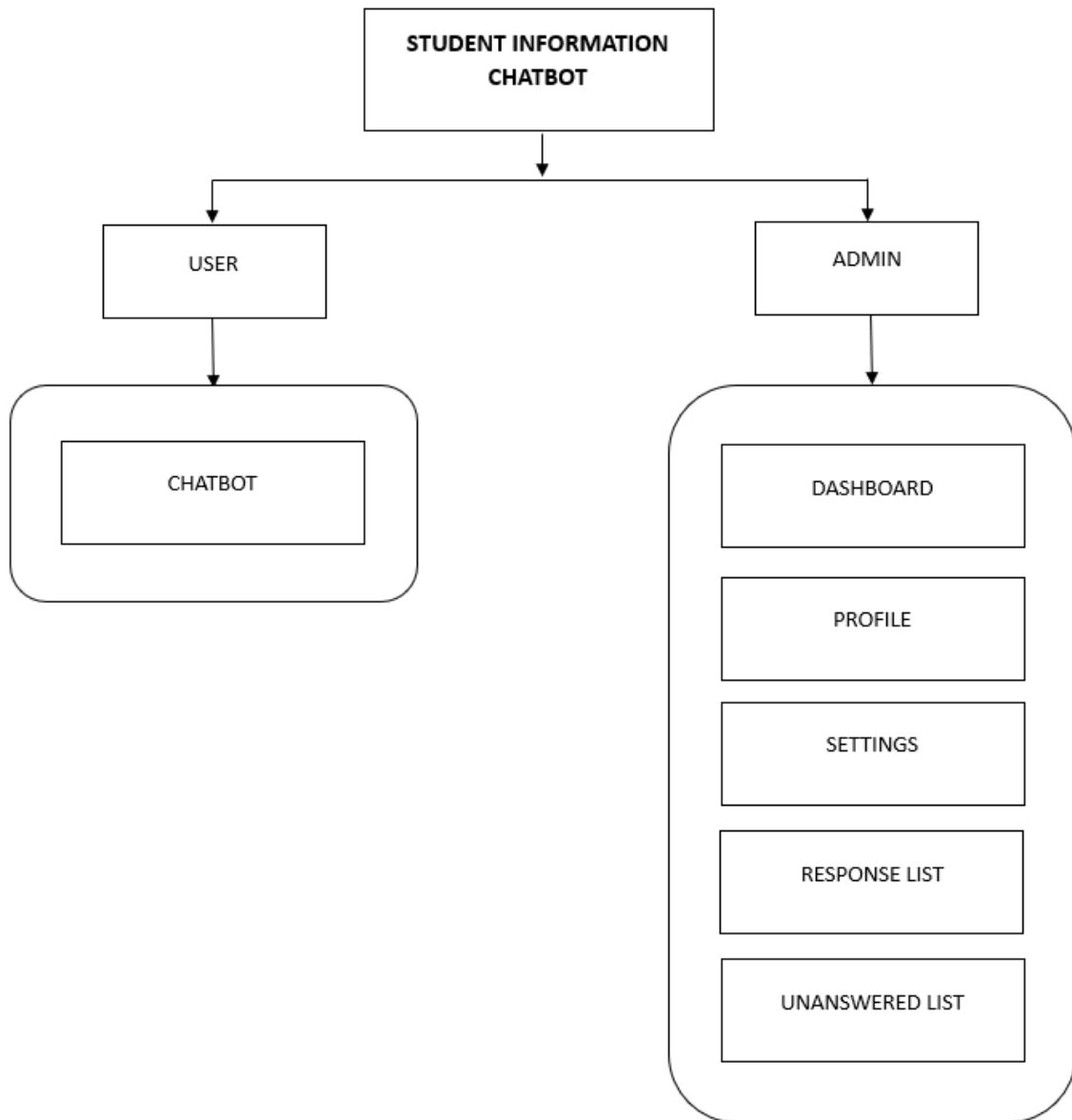


## LEVEL 2



**Fig 2.1.3 Level 2 DFD**

## 2.2 ARCHITECTURAL DESIGN



**Fig 2.2.1 System Architectural Diagram**

### 3. DATABASE DESIGN

A database is a collection of data which is organized, it can be stored and retrieve the data. A database design divides your information into subject-based tables to reduce redundant data. Provides Access with the information it requires to join the information in the tables together as needed. Helps support and ensure the accuracy and integrity of your information.

#### 3.1 DATA DICTIONARY

Field	Type	Description	Sample values
Avatar	Text	Specify The Avatar Path	Uploads/logo.png
Date_Added	Datetime	Specify The Date added	2022-01-14 09:02:37
Date_Updated	Datetime	Specify The Date updated	2023-11-21 18:12:34
Firstname	Varchar(250)	Specify The First Name	Administrator
Id	Int (30)	Specify The Id	7
Last_Login	Datetime	Specify The Last login	NULL
Lastname	Varchar(250)	Specify The Last name	Admin
Meta_Field	Text	Specify The Meta field	Shortname
Meta_Value	Text	Specify The Meta value	SIC
No_Ask	Int (30)	Specify The questions to be answered	2
Password	Text	Specify The Password	0192023a7bbd73250516f069df18b500
Question	Text	Specify The Question	What can you do
Question_Id	Int (30)	Specify The Question Id	4
Response_Id	Int (30)	Specify The Response Id	2
Response_Message	Text	Specify The Response message	I am incharge to answer your questions
Username	Text	Specify The Username	admin

### 3.2. TABLE DESIGN

**Table Name: Users**

Field	Type	Null	Default
Avatar	Text	YES	NULL
Date_added	Datetime	NO	Current_timestamp()
Date_updated	Datetime	YES	NULL
Firstname	Varchar(250)	NO	NONE
Lastname	Varchar(250)	NO	NONE
Last_login	Datetime	YES	NULL
Password	Text	NO	NONE
Username	Text	NO	NONE

**Table Name: questions**

Field	Type	Null	Default
id	Int (30)	NO	NULL
Question_id	Int (30)	NO	NULL
Response_id	Int (30)	NO	NULL
Question	Text	YES	NULL
Response_message	Text	YES	NULL
No_asks	Int(30)	NO	NULL
Meta_field	Text	NO	NONE
Meta_value	Text	NO	NONE

## **4. PROGRAM DESIGN**

### **4.1. MODULES**

#### **1) ADMIN**

- DASHBOARD
- PROFILE
- SETTINGS
- RESPONSE LIST
- UNANSWERED LIST

#### **2) USER**

- CHATBOT

## 4.2. MODULE DESCRIPTION

### Admin:

- **Dashboard**

In Dashboard Admin can view the most frequent questions that has been asked to the chatbot.

- **Profile**

Admin can view profile info and update it.

- **Settings**

In this module Admin can configure chatbot answering capabilities

- **Response List**

Admin can edit how the chatbot should response.

- **Unanswered List**

This module shows what are the questions that chatbot couldn't answer.

### User:

- **Chatbot**

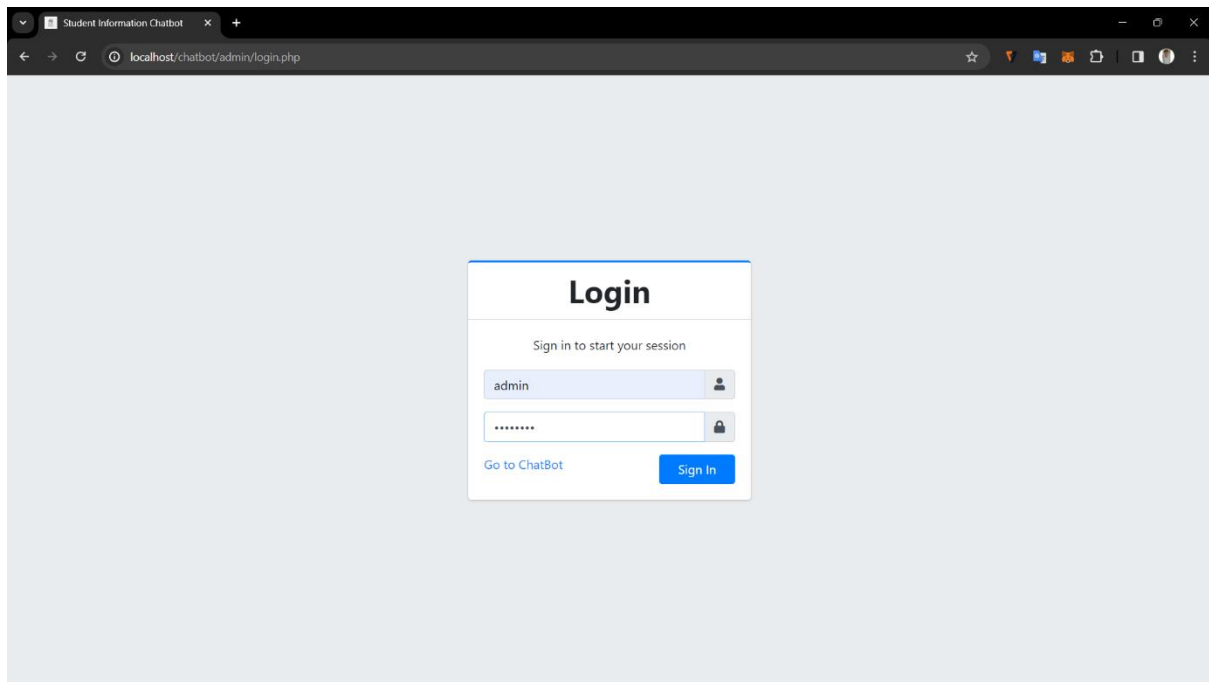
In this module User can chat with Chatbot to get the information they want to know about the college/school.

## **5.TESTING**

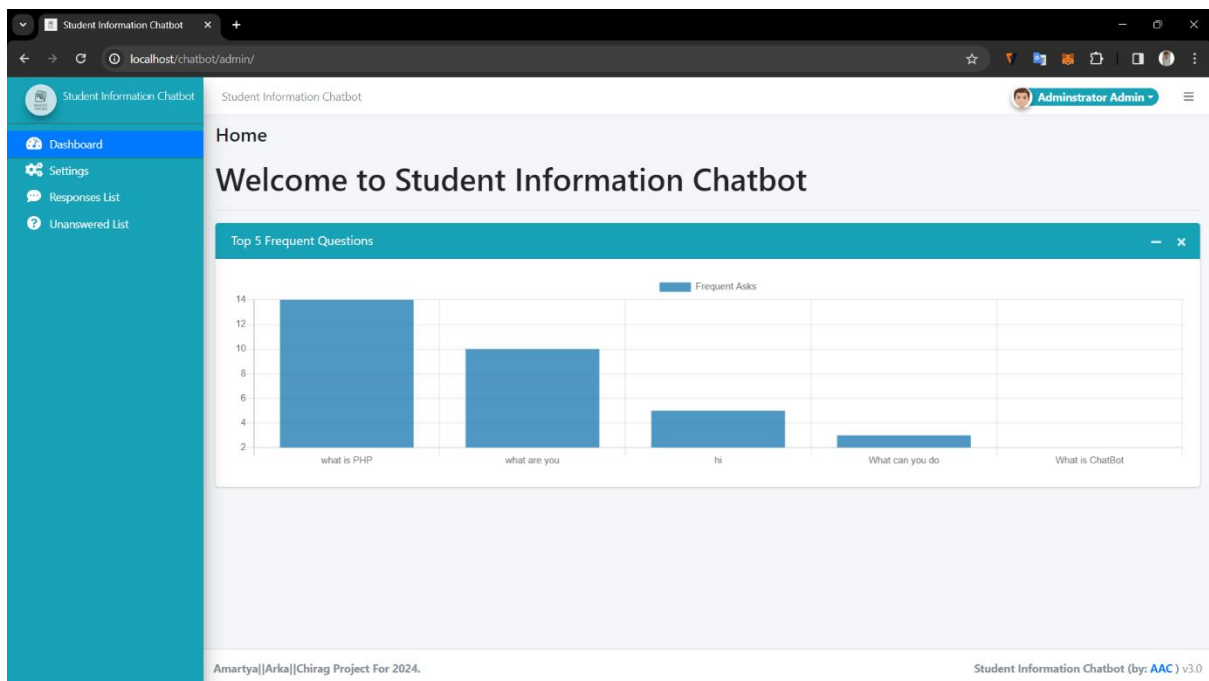
Testing is a series of different tests that whose primary purpose is to fully exercise the computer-based system. Although each test has a different purpose, all work should verify that all system elements have been properly integrated and performed allocated function. Testing is the process of checking whether the developed system works according to the actual requirement and objectives of the system. The philosophy behind testing is to find the errors. A good test is one that has a high probability of finding an undiscovered error. A successful test is one that uncovers the undiscovered error. Test cases are devised with this purpose in mind. A test case is a set of data that the system will process as an input.

### **5.1 UNIT TESTING**

The first test in the development process is the unit test. The source is normally divided into modules, which in turn are divided into smaller units called units. These units have specific behaviour. The test done on these units of code is called unit test. Unit test depends upon the language on which the project is developed. Unit tests ensure that each unique path of the project performs accurately to the documented specifications and contains clearly defined inputs and expected result. Functional and reliability testing in an Engineering environment. Producing tests for the behaviour of components (nodes and vertices) of a product to ensure their integration.



**Fig 5.1.1 Unit Testing (Admin Login)**

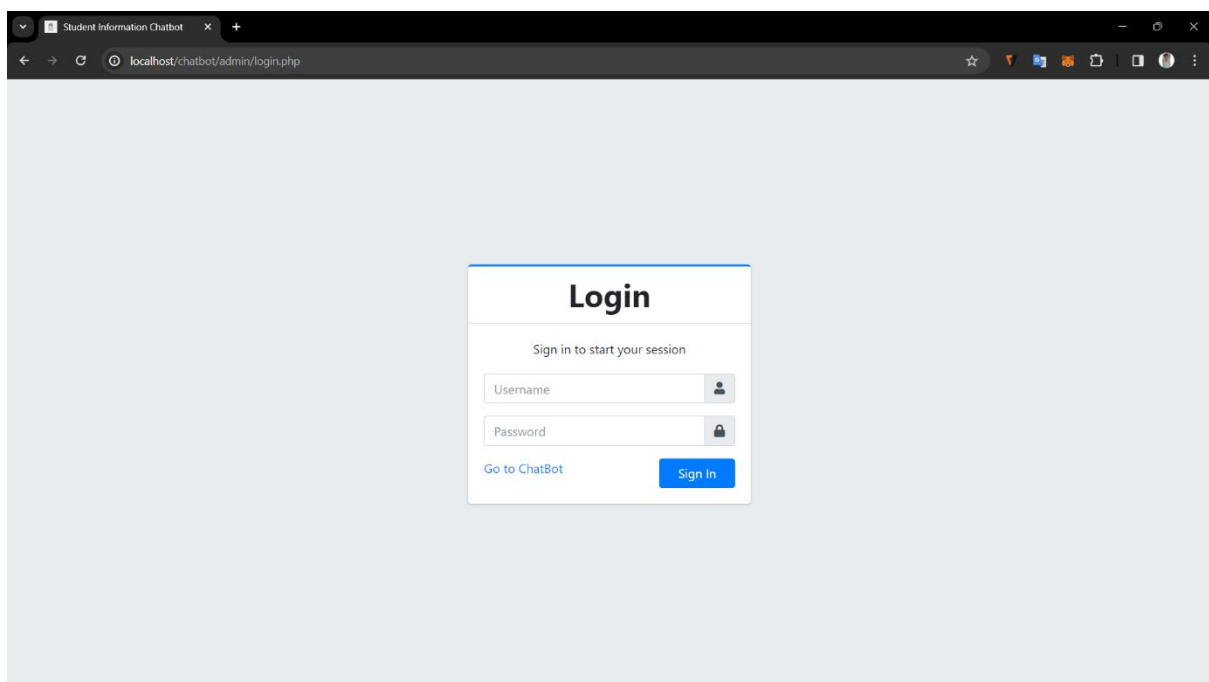


**Fig 5.1.2 Unit Testing (Admin Login: Success)**

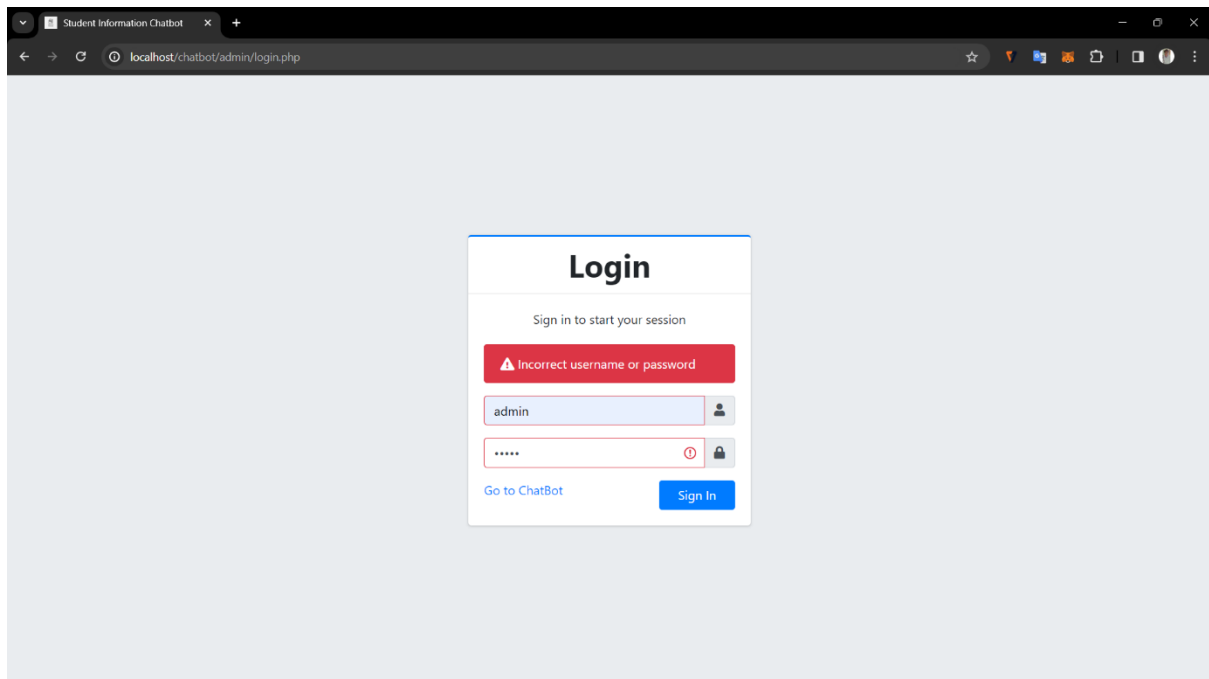


## 5.2 VALIDATION TESTING

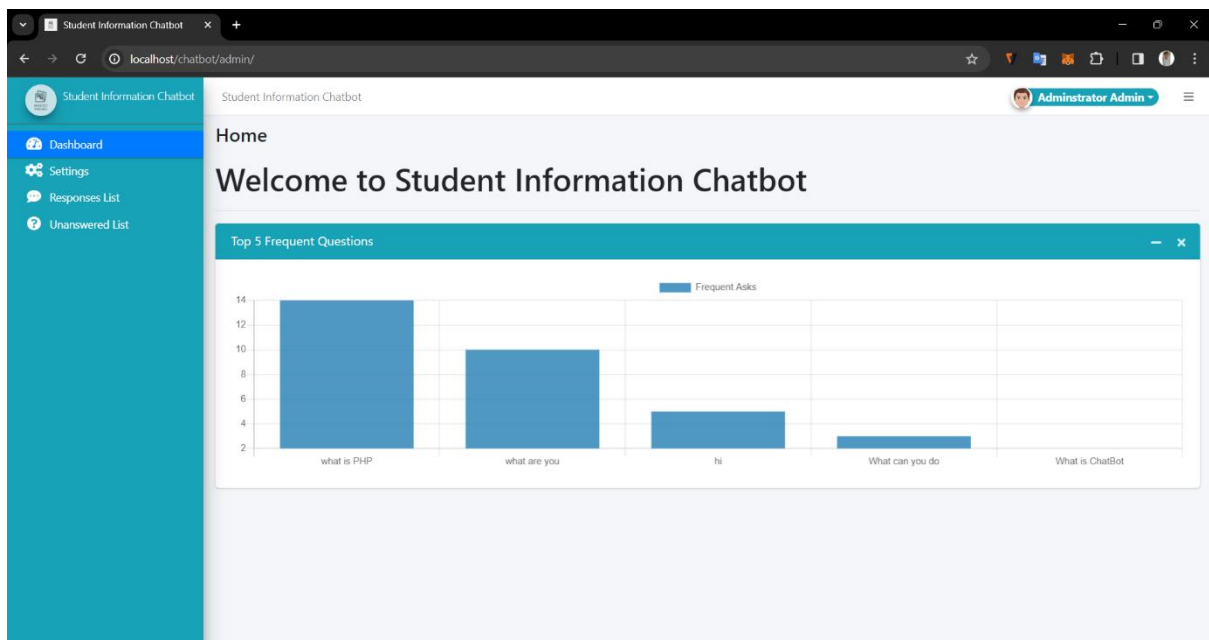
Validation testing is the process of ensuring that the tested and developed software satisfies the client /user's needs. The business requirement logic or scenarios have to be tested in detail. All the critical functionalities of an application must be tested here. As a tester, it is always important to know how to verify the business logic or scenarios that are given to you. One such method that helps in detailed evaluation of the functionalities is the Validation Process. Whenever you are asked to perform a validation test, it takes great responsibility as you need to test all the critical business requirements based on the user's needs. There should not be even a single miss on the requirements asked by the user. Hence a keen knowledge of validation testing is much important.



**Fig 5.2.1 Validation Testing (Admin Login)**



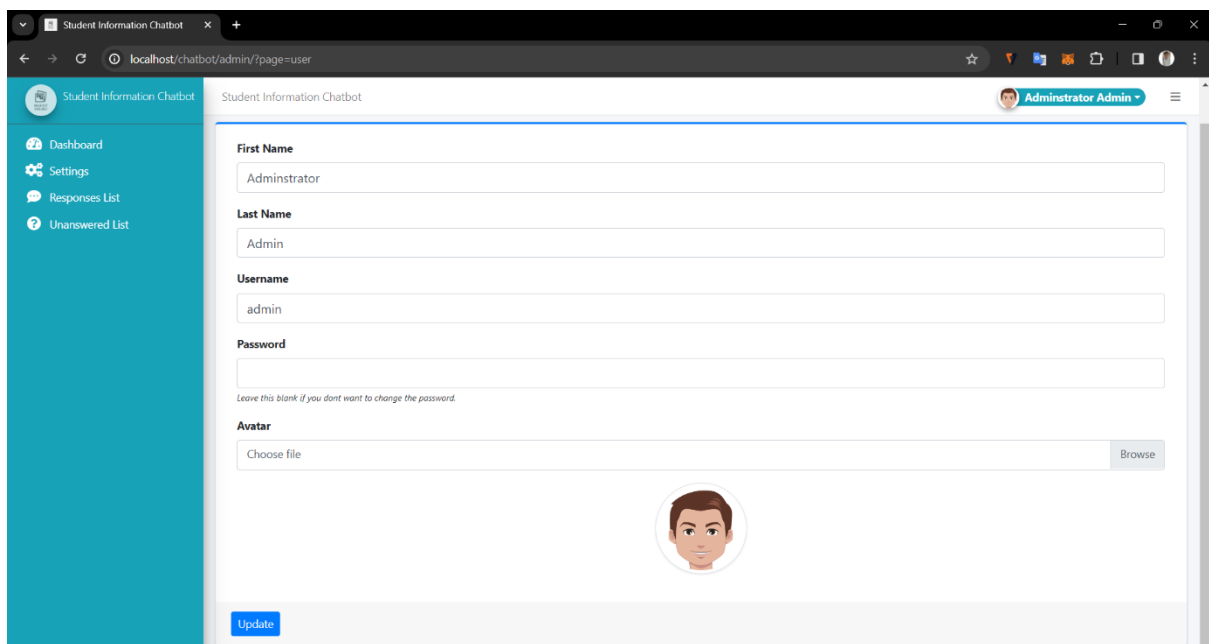
**Fig 5.2.2 Validation Testing (Incorrect username or password)**



**Fig 5.2.3 Validation Testing (Admin Login: Success)**

## 5.3 INTEGRATION TESTING

Integration testing (sometimes called integration and testing, abbreviated I&T) is the phase in software testing in which individual software modules are combined and tested as a group. Integration testing is conducted to evaluate the compliance of a system or component with specified functional requirements. It occurs after unit testing and before system testing. Integration testing takes as its input modules that have been unit tested, groups them in larger aggregates, applies tests defined in an integration test plan to those aggregates, and delivers as its output the integrated system ready for system testing.



The screenshot shows a web browser window with the URL `localhost/chatbot/admin/?page=user`. The page is titled "Student Information Chatbot" and features a sidebar with navigation links: Dashboard, Settings, Responses List, and Unanswered List. The main content area displays the "Admin Profile details" form. The form includes fields for First Name (Administrator), Last Name (Admin), Username (admin), and Password. Below the Password field is a note: "Leave this blank if you dont want to change the password." There is also an Avatar section with a "Choose file" button and a "Browse" button. A circular avatar placeholder is visible below the Avatar section. At the bottom of the form is an "Update" button. The top right corner of the page shows the user "Administrator Admin" with a dropdown arrow.

**Fig 5.3.1 Integration Testing (Admin Profile details)**

## 6. CONCLUSION

In conclusion, this project has outlined the development of a student information chatbot, a unique solution designed to tackle the ever-increasing complexities of information management and student support within educational institutions. This user-oriented system, meticulously crafted using the dynamic interaction capabilities of PHP and the robust data storage functionalities of MySQL, strives for a two-pronged approach: empowering students with readily available information and simultaneously alleviating the administrative burden on staff. By offering a user-friendly interface accessible 24/7, the chatbot presents a multitude of potential advantages compared to existing information access methods. Students can experience enhanced accessibility, eliminating the constraints of limited website operating hours or the need to navigate complex app interfaces. The chatbot fosters improved user-friendliness by utilizing a conversational interface, mimicking natural human interaction and simplifying information retrieval for students of all technical backgrounds. Additionally, the potential for personalized interaction based on individual needs and preferences caters to diverse learning styles, offering a more engaging experience. Furthermore, the project aims to achieve increased efficiency by providing self-service options for frequently asked questions and basic information retrieval. This empowers students to find answers independently, reducing the burden on administrative staff and allowing them to dedicate their expertise to handling more complex student concerns that require personalized attention. Faster information retrieval is another potential benefit, eliminating the need for students to search through extensive website sections or wait for email responses. This allows them to access information quickly and efficiently, fostering a more streamlined learning experience. This reduces the risk of encountering outdated or inaccurate information found in disparate systems, promoting a more reliable and trustworthy source of knowledge for students. The effectiveness of the chatbot will be meticulously evaluated based on user satisfaction, the effectiveness of information access through the chatbot, and the potential reduction of workload for administrative staff. Ultimately, this initiative aspires to contribute to a more streamlined and empowered learning environment for students. By fostering improved student support and a more efficient system for accessing information within educational institutions, this project has the potential to create a more fulfilling and productive academic experience for all stakeholders, empowering students to flourish in their academic endeavours and educational institutions to thrive in the ever-evolving landscape of information management and student support.

## **6.1. FUTURE ENHANCEMENT**

The proposed student information chatbot offers a promising solution for information access and student support. Here are some potential future enhancements to consider:

**University Websites and Apps:** Integrate the chatbot with existing university websites and mobile apps, allowing for seamless information access within those platforms. This would offer a unified student experience and eliminate the need to switch between different applications.

## **7. REFERENCE**

### **BOOK REFERENCE**

1. Gerken, Till, and Tobias Ratschiller. Web Application Development with PHP. New Riders Publishing, 2000.
2. McGraw Hill MySQL: The Complete Reference 1st edition.
3. Robin Nixon. Learning PHP, MySQL & JavaScript: With jQuery, CSS & HTML5.
4. Scollo, Chris, and Sascha Shumann. Professional PHP programming. Wrox Press Ltd., 1999.
5. Yank, Kevin. Build your own database driven website using PHP & MySQL. SitePoint Pty Ltd, 2004.

### **WEBSITE REFERENCE**

- [www.github.com](http://www.github.com)
- [www.javatpoint.com](http://www.javatpoint.com)
- [www.programiz.com](http://www.programiz.com)
- [www.stackoverflow.com](http://www.stackoverflow.com)
- [www.w3schools.com](http://www.w3schools.com)

## 8. APPENDIX

### 8.1. SOURCE CODE

Index.php:

```
<!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
<?php require_once('config.php'); ?>
<?php require_once('inc/header.php') ?>
<body class="hold-transition layout-top-nav" >
  <div class="wrapper">
    <?php require_once('inc/topBarNav.php') ?>

    <?php $page = isset($_GET['page']) ? $_GET['page'] : 'portal'; ?>
    <!-- Content Wrapper. Contains page content -->
    <div class="content-wrapper" style="min-height: 567.854px;">
      <!-- Content Header (Page header) -->
      <div class="content-header">

        <!-- /.container-fluid -->
      </div>
      <!-- /.content-header -->
      <!-- Main content -->
      <section class="content">
        <div class="container">
          <?php
            if(!file_exists($page.".php") && !is_dir($page)){
              include '404.html';
            }else{
              if(is_dir($page))
                include $page.'/index.php';
              else
                include $page.'.php';
            }
          ?>
        </div>
      </section>
    </div>
  </div>
</body>
</html>
```

```

    }
    ?>
</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'>
<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>
<?php if($_settings->chk_flashdata('success')): ?>
<script>
    alert_toast("<?php echo $_settings->flashdata('success') ?>", 'success')
</script>
<?php endif;?>

<style>
    img#cimg,img#cimg2,img#cimg3{
        height: 15vh;
        width: 15vh;
        object-fit: cover;
        border-radius: 100% 100%;
    }
</style>
<div class="col-lg-12">
    <div class="card card-outline card-primary">
        <div class="card-header">
            <h5 class="card-title">System Information</h5>
            <!-- <div class="card-tools">
                <a class="btn btn-block btn-sm btn-default btn-flat border-
primary new_department" href="javascript:void(0)"><i class="fa fa-plus"></i> Add
New</a>
            </div> -->
        </div>
        <div class="card-body">
            <form action="" id="system-frm">
                <div id="msg" class="form-group"></div>
                <div class="form-group">
                    <label for="name" class="control-label">System
Name</label>
                    <input type="text" class="form-control form-control-
sm" name="name" id="name" value="<?php echo $_settings->info('name') ?>">

```

```

        </div>
        <div class="form-group">
            <label for="short_name" class="control-label">System
Short Name</label>
            <input type="text" class="form-control form-control-
sm" name="short_name" id="short_name" value="<?php echo $_settings-
>info('short_name') ?>">
        </div>
        <div class="form-group">
            <label for="" class="control-label">Introduction
Message</label>
            <textarea name="intro" id="" cols="30" rows="2" class="form-
control"><?php echo $_settings->info('intro') ?></textarea>
        </div>
        <div class="form-group">
            <label for="" class="control-label">No Result
Message</label>
            <textarea name="no_result" id="" cols="30" rows="2" class="form-
control"><?php echo $_settings->info('no_result') ?></textarea>
        </div>
        <div class="form-group">
            <label for="" class="control-label">System Logo</label>
            <div class="custom-file">
                <input type="file" class="custom-file-input rounded-circle" id="customFile"
name="img" onchange="displayImg(this,$(this))">
                <label class="custom-file-label" for="customFile">Choose file</label>
            </div>
        </div>
        <div class="form-group d-flex justify-content-center">
            
        </div>
        <div class="form-group">
            <label for="" class="control-label">Bot Avatar</label>

```

```

        <div class="custom-file">
            <input type="file" class="custom-file-input rounded-circle" id="customFile"
name="bot_avatar" onchange="displayImg2(this,$(this))">
            <label class="custom-file-label" for="customFile">Choose file</label>
        </div>

    </div>
    <div class="form-group d-flex justify-content-center">
        
    </div>
    <div class="form-group">
        <label for="" class="control-label">User Avatar</label>
        <div class="custom-file">
            <input type="file" class="custom-file-input rounded-circle" id="customFile"
name="user_avatar" onchange="displayImg3(this,$(this))">
            <label class="custom-file-label" for="customFile">Choose file</label>
        </div>
    </div>
    <div class="form-group d-flex justify-content-center">
        
    </div>

</form>
</div>
<div class="card-footer">
    <div class="col-md-12">
        <div class="row">
            <button class="btn btn-sm btn-primary" form="system-
frm">Update</button>
        </div>
    </div>
</div>
</div>

```

```

    </div>
</div>
<script>
    function displayImg(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
                $('#cimg').attr('src', e.target.result);
                _this.siblings('custom-file-label').html(input.files[0].name)
            }

            reader.readAsDataURL(input.files[0]);
        }
    }

    function displayImg2(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
                _this.siblings('custom-file-label').html(input.files[0].name)
                $('#cimg2').attr('src', e.target.result);
            }

            reader.readAsDataURL(input.files[0]);
        }
    }

    function displayImg3(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
                _this.siblings('custom-file-label').html(input.files[0].name)
                $('#cimg3').attr('src', e.target.result);
            }

            reader.readAsDataURL(input.files[0]);
        }
    }

```

```

    }
}
$(document).ready(function(){
    $('#summernote').summernote({
        height: 200,
        toolbar: [
            [ 'style', [ 'style' ] ],
            [ 'font', [ 'bold', 'italic', 'underline', 'strikethrough', 'superscript',
'subscript', 'clear' ] ],
            [ 'fontname', [ 'fontname' ] ],
            [ 'fontsize', [ 'fontsize' ] ],
            [ 'color', [ 'color' ] ],
            [ 'para', [ 'ol', 'ul', 'paragraph', 'height' ] ],
            [ 'table', [ 'table' ] ],
            [ 'view', [ 'undo', 'redo', 'fullscreen', 'codeview', 'help' ] ]
        ]
    })
})
</script>
<?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 $page = isset($_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)){
      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'>
<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>
<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>

```

Portal.php:

```
<style>
    #chat_convo{
        max-height: 65vh;
    }
    #chat_convo .direct-chat-messages{
        min-height: 250px;
        height: inherit;
    }
    #chat_convo .card-body {
        overflow: auto;
    }
</style>
<div class="container-fluid">
    <div class="row">
        <div class="col-lg-8 <?php echo isMobileDevice() == false ? "offset-2" : "
?>">
            <div class="card direct-chat direct-chat-primary" id="chat_convo">
                <div class="card-header ui-sortable-handle" style="cursor: move;">
                    <h3 class="card-title">Ask Me</h3>

                    <div class="card-tools">
                        <button type="button" class="btn btn-tool" data-card-widget="collapse">
                            <i class="fas fa-minus"></i>
                        </button>
                    </div>
                </div>
                <div class="card-body">
                    <!-- Conversations are loaded here -->
                    <div class="direct-chat-messages">
                        <!-- Message. Default to the left -->
                        <div class="direct-chat-msg mr-4">
```

```

        
        <!-- /.direct-chat-img -->
        <div class="direct-chat-text">
            <?php echo $_settings->info('intro') ?>
        </div>
        <!-- /.direct-chat-text -->
    </div>
    <!-- /.direct-chat-msg -->

    <!-- /.contacts-list -->
</div>
<div class="end-convo"></div>
<!-- /.direct-chat-pane -->
</div>
<!-- /.card-body -->
<div class="card-footer">
    <form id="send_chat" method="post">
        <div class="input-group">
            <textarea type="text" name="message" placeholder="Type Message ..."
class="form-control" required=""></textarea>
            <span class="input-group-append">
                <button type="submit" class="btn btn-primary">Send</button>
            </span>
        </div>
    </form>
</div>
<!-- /.card-footer-->
</div>
</div>
</div>
<div class="d-none" id="user_chat">

```

```

        <div class="direct-chat-msg right ml-4">
            
            <!-- /.direct-chat-img -->
            <div class="direct-chat-text"></div>
            <!-- /.direct-chat-text -->
        </div>
    </div>
    <div class="d-none" id="bot_chat">
        <div class="direct-chat-msg mr-4">
            
            <!-- /.direct-chat-img -->
            <div class="direct-chat-text"></div>
            <!-- /.direct-chat-text -->
        </div>
    </div>
    <script type="text/javascript">
        $(document).ready(function(){
            $('[name="message"]').keypress(function(e){
                console.log()
                if(e.which === 13 && e.originalEvent.shiftKey == false){
                    $('#send_chat').submit()
                    return false;
                }
            })
            $('#send_chat').submit(function(e){
                e.preventDefault();
                var message = $('[name="message"]').val();
                if(message == "" || message == null) return false;
                var uchat = $('#user_chat').clone();
                uchat.find('.direct-chat-text').html(message);
                $('#chat_convos .direct-chat-messages').append(uchat.html());
                $('[name="message"]').val("")
            })
        })
    </script>

```

```

        $("#chat_convo .card-body").animate({ scrollTop: $("#chat_convo
.card-body").prop('scrollHeight') }, "fast");

$.ajax({
    url:_base_url_+"classes/Master.php?f=get_response",
    method:'POST',
    data:{ message:message},
    error: err=>{
        console.log(err)
        alert_toast("An error occurred.", 'error');
        end_loader();
    },
    success:function(resp){
        if(resp){
            resp = JSON.parse(resp)
            if(resp.status == 'success'){
                var bot_chat = $('#bot_chat').clone();
                bot_chat.find('.direct-chat-
text').html(resp.message);

                $('#chat_convo .direct-chat-
messages').append(bot_chat.html());

                $("#chat_convo .card-
body").animate({ scrollTop: $("#chat_convo .card-body").prop('scrollHeight') }, "fast");
            }
        }
    }
})

})

})
</script>

```

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">
          <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>
<div class="row">
  <div class="col-8">
    <a href="<?php echo base_url ?>">Go to ChatBot</a>
  </div>
  <!-- /.col -->
  <div class="col-4">
    <button type="submit" class="btn btn-primary btn-block">Sign In</button>
  </div>
  <!-- /.col -->
</div>
</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>

```

## Home.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) ");
$list = array();
while($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(60,141,188,0.9)',
                    borderColor : 'rgba(60,141,188,0.8)',
                    pointRadius : false,
                    pointColor : '#3b8bba',
                    pointStrokeColor : 'rgba(60,141,188,1)',
                    pointHighlightFill : '#fff',

```

```

        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>

```

## 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">
            
            <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>
    <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-item dropdown-toggle">level
2</a>

```

```

        <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>
</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">
      <!-- Message Start -->
      <div class="media">
        
        <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">
        
        <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>
    </div>
</div>
<!-- Message End -->
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
    <!-- Message Start -->
    <div class="media">
        
        <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 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)
    $('#confirm_modal').modal('show')
}
})
</script>
<footer class="main-footer text-sm">
    <strong>Amartya||Arka||Chirag Project For <?php echo date('Y') ?>.
    <!-- <a href=""></a> -->
    </strong>

    <div class="float-right d-none d-sm-inline-block">
        <b><?php echo $_settings->info('short_name') ?> (by: <a
href="mailto:arkarc08@gmail.com" target="blank">AAC</a> )</b> v3.0
    </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>
<!-- 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>
      <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>

```

## SystemSettings.php

```

<?php
if(!class_exists('DBConnection')){
require_once('../config.php');
require_once('DBConnection.php');
}
class SystemSettings extends DBConnection{
public function __construct(){
parent::__construct();
}
function check_connection(){
return($this->conn);
}
function load_system_info(){
if(!isset($_SESSION['system_info'])){
    $sql = "SELECT * FROM system_info";
    $qry = $this->conn->query($sql);
    while($row = $qry->fetch_assoc()){
        $_SESSION['system_info'][$row['meta_field']] = $row['meta_value'];
    }
}
}
function update_system_info(){
$sql = "SELECT * FROM system_info";
$qry = $this->conn->query($sql);
while($row = $qry->fetch_assoc()){

if(isset($_SESSION['system_info'][$row['meta_field']]))unset($_SESSION['system_info'][$r
ow['meta_field']]);

```

```

        $_SESSION['system_info'][$row['meta_field']] = $row['meta_value'];
    }
    return true;
}

function update_settings_info(){
    $data = "";
    foreach ($_POST as $key => $value) {
        if(isset($_SESSION['system_info'][$key])){
            $value = str_replace("'", "&apos;", $value);
            $qry = $this->conn->query("UPDATE system_info set meta_value =
'{$value}' where meta_field = '{$key}' ");
        }else{
            $qry = $this->conn->query("INSERT into system_info set meta_value =
'{$value}', meta_field = '{$key}' ");
        }
    }

    if(isset($_FILES['img']) && $_FILES['img']['tmp_name'] != ""){
        $fname = 'uploads/'.strtotime(date('y-m-d H:i')).'_'. $_FILES['img']['name'];
        $move = move_uploaded_file($_FILES['img']['tmp_name'], '../. $fname);
        if(isset($_SESSION['system_info']['logo'])){
            $qry = $this->conn->query("UPDATE system_info set meta_value =
'{$fname}' where meta_field = 'logo' ");
            if(is_file('../. $_SESSION['system_info']['logo']))
                unlink('../. $_SESSION['system_info']['logo']);
        }else{
            $qry = $this->conn->query("INSERT into system_info set meta_value =
'{$fname}', meta_field = 'logo' ");
        }
    }

    if(isset($_FILES['bot_avatar']) && $_FILES['bot_avatar']['tmp_name'] != ""){
        $ext = pathinfo($_FILES['bot_avatar']['name'], PATHINFO_EXTENSION);
        $fname = 'uploads/bot_avatar.'. $ext;
        $move = move_uploaded_file($_FILES['bot_avatar']['tmp_name'], '../. $fname);
        if(isset($_SESSION['system_info']['bot_avatar'])){

```

```

        $qry = $this->conn->query("UPDATE system_info set meta_value =
'{$fname}' where meta_field = 'bot_avatar' ");
        if(is_file('..'.$_SESSION['system_info']['bot_avatar']))
unlink('..'.$_SESSION['system_info']['bot_avatar']);
    }else{
        $qry = $this->conn->query("INSERT into system_info set meta_value =
'{$fname}',meta_field = 'bot_avatar' ");
    }
}
if(isset($_FILES['user_avatar']) && $_FILES['user_avatar']['tmp_name'] != ""){
    $ext = pathinfo($_FILES['user_avatar']['name'], PATHINFO_EXTENSION);
    $fname = 'uploads/user_avatar.'.$ext;
    $move = move_uploaded_file($_FILES['user_avatar']['tmp_name'],'..'. $fname);
    if(isset($_SESSION['system_info']['user_avatar'])){
        $qry = $this->conn->query("UPDATE system_info set meta_value =
'{$fname}' where meta_field = 'user_avatar' ");
        if(is_file('..'.$_SESSION['system_info']['user_avatar']))
unlink('..'.$_SESSION['system_info']['user_avatar']);
    }else{
        $qry = $this->conn->query("INSERT into system_info set meta_value =
'{$fname}',meta_field = 'user_avatar' ");
    }
}
$update = $this->update_system_info();
$flash = $this->set_flashdata('success','System Info Successfully Updated.');
```

```

if($update && $flash){
    // var_dump($_SESSION);
    return true;
}
}

function set_userdata($field=",$value="){
if(!empty($field) && !empty($value)){
    $_SESSION['userdata'][$field]= $value;
}
}

```

```

}
function userdata($field = ""){
if(!empty($field)){
    if(isset($_SESSION['userdata'][$field]))
        return $_SESSION['userdata'][$field];
    else
        return null;
}
}
}

function set_flashdata($flash="", $value=""){
if(!empty($flash) && !empty($value)){
    $_SESSION['flashdata'][$flash]= $value;
return true;
}
}

function chk_flashdata($flash = ""){
if(isset($_SESSION['flashdata'][$flash])){
    return true;
}
}

function flashdata($flash = ""){
if(!empty($flash)){
    $_tmp = $_SESSION['flashdata'][$flash];
    unset($_SESSION['flashdata']);
    return $_tmp;
}
}

function sess_des(){

```



```

if(isset($_SESSION['userdata'])){
    unset($_SESSION['userdata']);
    return true;
}

return true;
}

function info($field=""){
if(!empty($field)){
    if(isset($_SESSION['system_info'][$field]))
        return $_SESSION['system_info'][$field];
    else
        return false;
}
}

function set_info($field=",$value="){
if(!empty($field) && !empty($value)){
    $_SESSION['system_info'][$field] = $value;
}
}

$_settings = new SystemSettings();
$_settings->load_system_info();
$action = !isset($_GET['f']) ? 'none' : strtolower($_GET['f']);
$sysset = new SystemSettings();
switch ($action) {
case 'update_settings':
echo $sysset->update_settings_info();
break;
default:
// echo $sysset->index();
break;
} ?>

```

## Chatbot\_db.sql

-- phpMyAdmin SQL Dump

-- version 5.0.4

-- <https://www.phpmyadmin.net/>

--

-- Host: 127.0.0.1

-- Generation Time: May 05, 2021 at 09:56 AM

-- Server version: 10.4.17-MariaDB

-- PHP Version: 8.0.2

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

START TRANSACTION;

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS SET

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

-- Database: `chatbot\_db`

--

-----

--

-- Table structure for table `frequent\_asks`

--

```

CREATE TABLE `frequent_asks` (
  `id` int(30) NOT NULL,
  `question_id` int(30) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `frequent_asks`
--

INSERT INTO `frequent_asks` (`id`, `question_id`) VALUES
(1, 0),
(2, 0),
(3, 0),
(4, 0),
(5, 1),
(6, 1),
(7, 1),
(8, 1),
(9, 1),
(10, 1),
(11, 4),
(12, 1),
(13, 6),
(14, 7),
(15, 7),
(16, 1),
(17, 7),
(18, 8),
(19, 7),
(20, 7),
(21, 7),
(22, 6),
(23, 7),
(24, 7),

```

(25, 7),  
(26, 7),  
(27, 7),  
(28, 7),  
(29, 9),  
(30, 1),  
(31, 8),  
(32, 2),  
(33, 7),  
(34, 14),  
(35, 9),  
(36, 9),  
(37, 9),  
(38, 1),  
(39, 4),  
(40, 6),  
(41, 7);

```
-- -----  
  
--  
-- Table structure for table `questions`  
--  
  
CREATE TABLE `questions` (  
  `id` int(30) NOT NULL,  
  `question` text DEFAULT NULL,  
  `response_id` int(30) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
--  
-- Dumping data for table `questions`  
--
```

```

INSERT INTO `questions` (`id`, `question`, `response_id`) VALUES
(1, 'what are you', 1),
(2, 'who are you', 1),
(3, 'what is your name', 1),
(4, 'What can you do', 2),
(7, 'what is PHP', 4),
(8, 'What is ChatBot', 5),
(9, 'hi', 6),
(10, 'hello', 6),
(11, 'yow', 6),
(12, 'good day', 6),
(14, 'sample', 7),
(15, 'what topic can I ask', 8);

```

```

-----

```

```

--
-- Table structure for table `responses`
--

```

```

CREATE TABLE `responses` (
  `id` int(30) NOT NULL,
  `response_message` text DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

```

```

--
-- Dumping data for table `responses`
--

```

```

INSERT INTO `responses` (`id`, `response_message`) VALUES
(1, 'I am John, the chatBot of this application.'),
(2, 'I am in charge to answer your questions.'),
(3, 'You can ask me about something related to this website.'),

```

(4, 'PHP (recursive acronym for PHP: Hypertext Preprocessor ) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.'),

(5, 'A chatbot is a software application used to conduct an on-line chat conversation via text or text-to-speech, in lieu of providing direct contact with a live human agent.'),

(6, 'Hi there, how can I help you ? :)'),

(7, 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam congue, lectus non tincidunt viverra, lacus erat venenatis mauris, sed hendrerit libero diam ac tellus. Integer imperdiet massa lacus, sed porta ligula efficitur at. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae; '),

(8, 'You can ask me about something related to this website.');

-- -----

--

-- Table structure for table `system\_info`

--

```
CREATE TABLE `system_info` (  
  `id` int(30) NOT NULL,  
  `meta_field` text NOT NULL,  
  `meta_value` text NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

--

-- Dumping data for table `system\_info`

--

```
INSERT INTO `system_info` (`id`, `meta_field`, `meta_value`) VALUES
```

(1, 'name', 'Simple ChatBot Application'),

(4, 'intro', 'Hi! I\'m John, a ChatBot of this application. How can I help you?'),

(6, 'short\_name', 'ChatBot'),

(10, 'no\_result', 'I am sorry. I can\'t understand your question. Please rephrase your question and make sure it is related to this site. Thank you :)'),

```
(11, 'logo', 'uploads/1620181980_bot2.jpg'),  
(12, 'bot_avatar', 'uploads/bot_avatar.jpg'),  
(13, 'user_avatar', 'uploads/user_avatar.jpg');
```

```
-----
```

```
--  
-- Table structure for table `unanswered`  
--
```

```
CREATE TABLE `unanswered` (  
  `id` int(30) NOT NULL,  
  `question` text DEFAULT NULL,  
  `no_asks` int(30) NOT NULL DEFAULT 0  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
--  
-- Dumping data for table `unanswered`  
--
```

```
INSERT INTO `unanswered` (`id`, `question`, `no_asks`) VALUES  
(1, 'what can you do?', 2),  
(2, 'what can you do ?', 2),  
(3, 'what topic can I ask', 2),  
(4, 'chat bot', 2),  
(5, 'asdasd', 2),  
(6, 'asdaaa', 2),  
(7, 'asd', 2),  
(9, 'hello', 2),  
(10, 'sample', 2),  
(11, 'test', 2);
```

```
-----
```

```

--
-- Table structure for table `users`
--

CREATE TABLE `users` (
  `id` int(50) NOT NULL,
  `firstname` varchar(250) NOT NULL,
  `lastname` varchar(250) NOT NULL,
  `username` text NOT NULL,
  `password` text NOT NULL,
  `avatar` text DEFAULT NULL,
  `last_login` datetime DEFAULT NULL,
  `date_added` datetime NOT NULL DEFAULT current_timestamp(),
  `date_updated` datetime DEFAULT NULL ON UPDATE current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `users`
--

INSERT INTO `users` (`id`, `firstname`, `lastname`, `username`, `password`, `avatar`,
`last_login`, `date_added`, `date_updated`) VALUES
(1, 'Adminstrator', 'Admin', 'admin', '0192023a7bbd73250516f069df18b500',
'uploads/1620201300_avatar.png', NULL, '2021-01-20 14:02:37', '2021-05-05 15:55:28');

--
-- Indexes for dumped tables
--

--
-- Indexes for table `frequent_asks`
--
ALTER TABLE `frequent_asks`
  ADD PRIMARY KEY (`id`);

```



```

--
-- Indexes for table `questions`
--
ALTER TABLE `questions`
  ADD PRIMARY KEY (`id`);

--
-- Indexes for table `responses`
--
ALTER TABLE `responses`
  ADD PRIMARY KEY (`id`);

--
-- Indexes for table `system_info`
--
ALTER TABLE `system_info`
  ADD PRIMARY KEY (`id`);

--
-- Indexes for table `unanswered`
--
ALTER TABLE `unanswered`
  ADD PRIMARY KEY (`id`);

--
-- Indexes for table `users`
--
ALTER TABLE `users`
  ADD PRIMARY KEY (`id`);

--
-- AUTO_INCREMENT for dumped tables
--

```

```

--
-- AUTO_INCREMENT for table `frequent_asks`
--
ALTER TABLE `frequent_asks`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=42;

--
-- AUTO_INCREMENT for table `questions`
--
ALTER TABLE `questions`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=16;

--
-- AUTO_INCREMENT for table `responses`
--
ALTER TABLE `responses`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;

--
-- AUTO_INCREMENT for table `system_info`
--
ALTER TABLE `system_info`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=14;

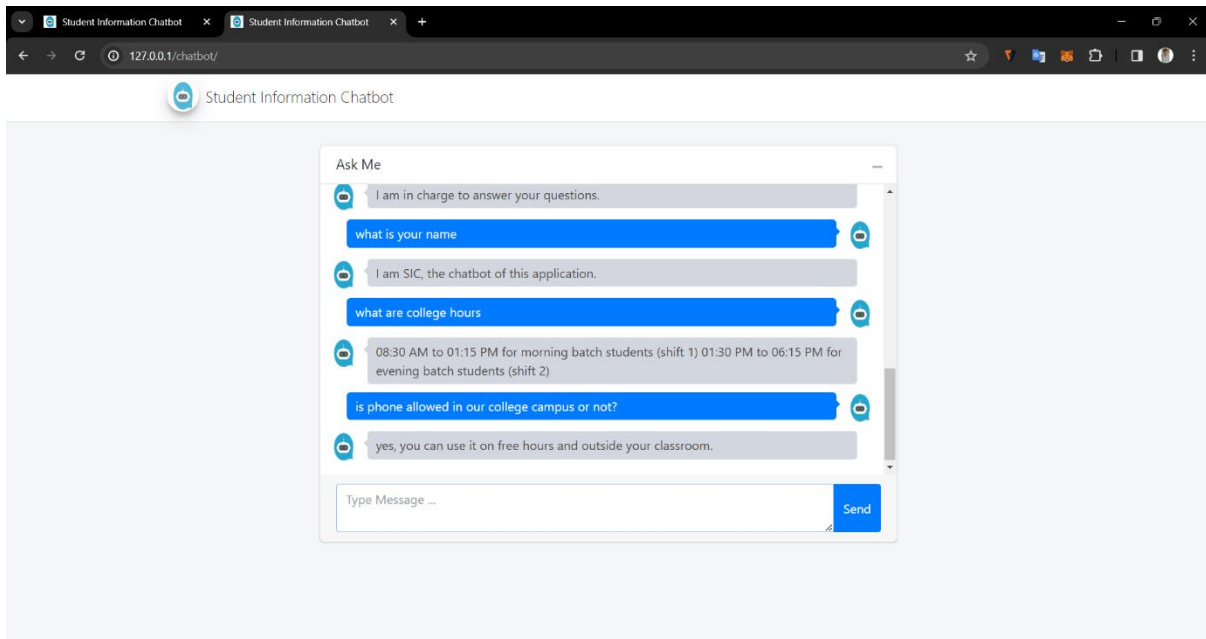
--
-- AUTO_INCREMENT for table `unanswered`
--
ALTER TABLE `unanswered`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=12;

--
-- AUTO_INCREMENT for table `users`
--

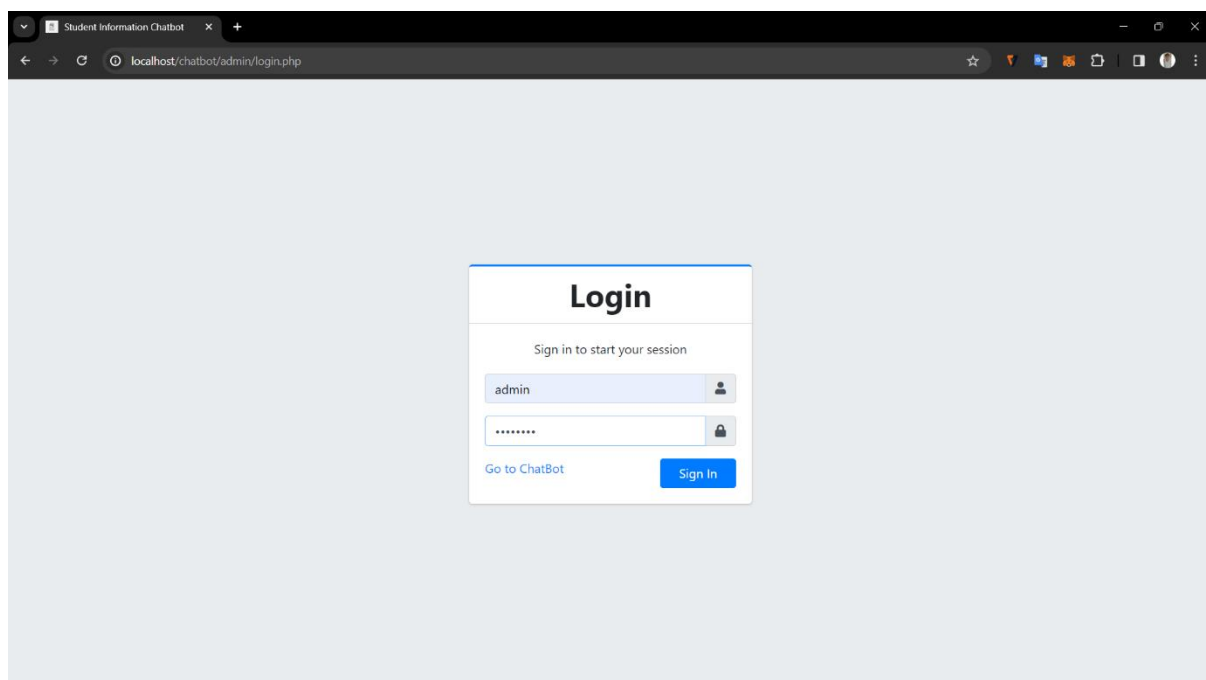
```

```
ALTER TABLE `users`  
  MODIFY `id` int(50) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;  
COMMIT;  
  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

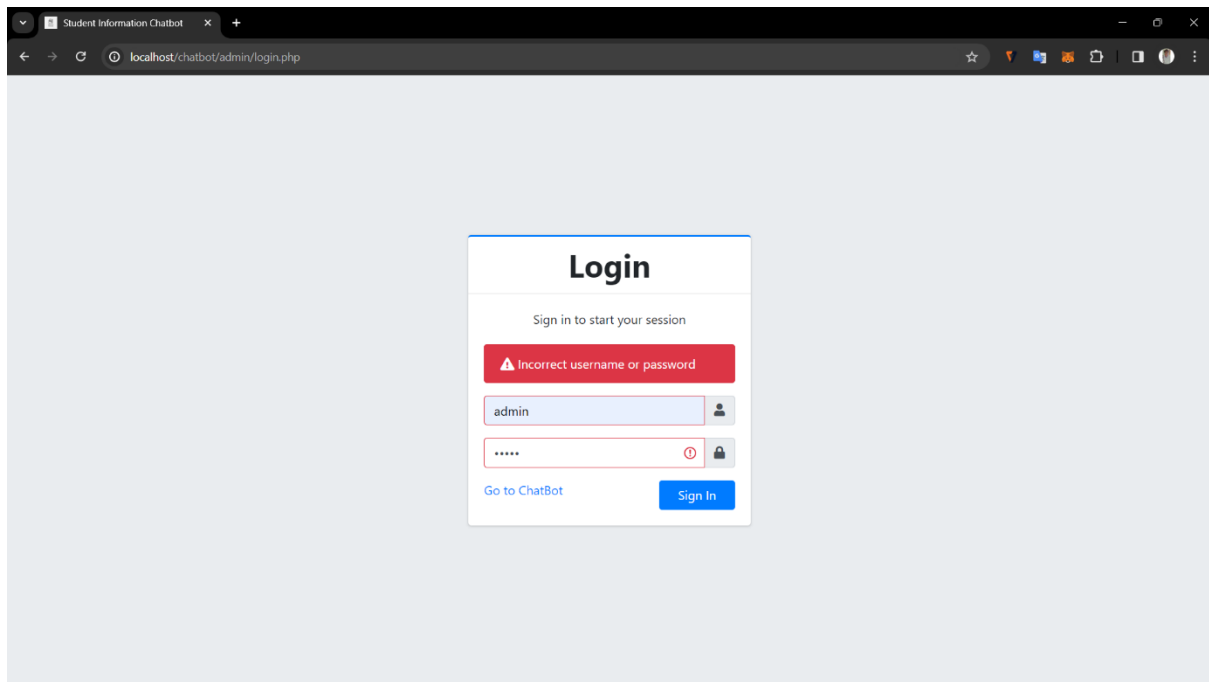
## 8.2. OUTPUT SCREENSHOTS



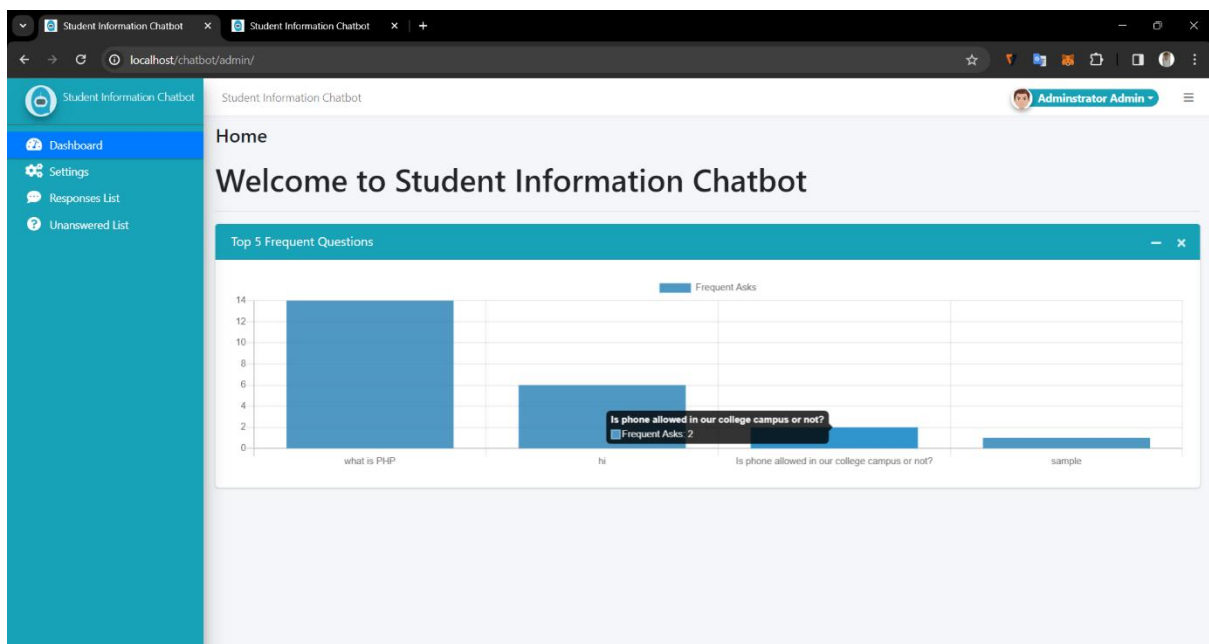
**Fig 8.2.1 User Home Page (Chatbot)**



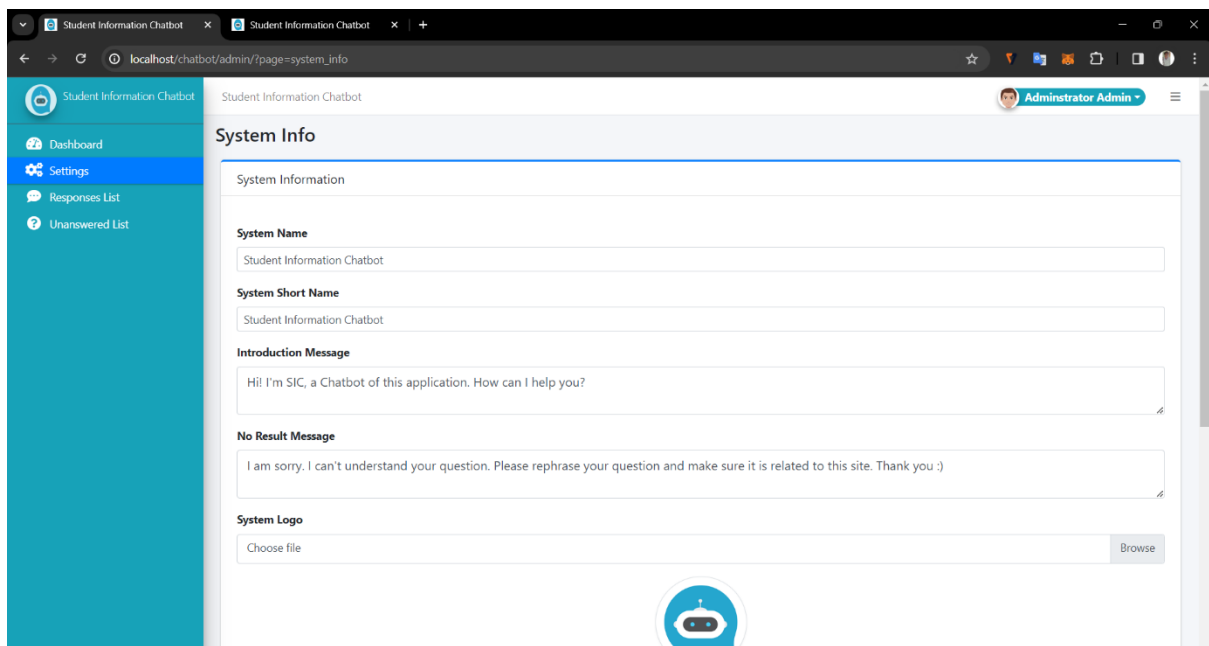
**Fig 8.2.2 Admin Login**



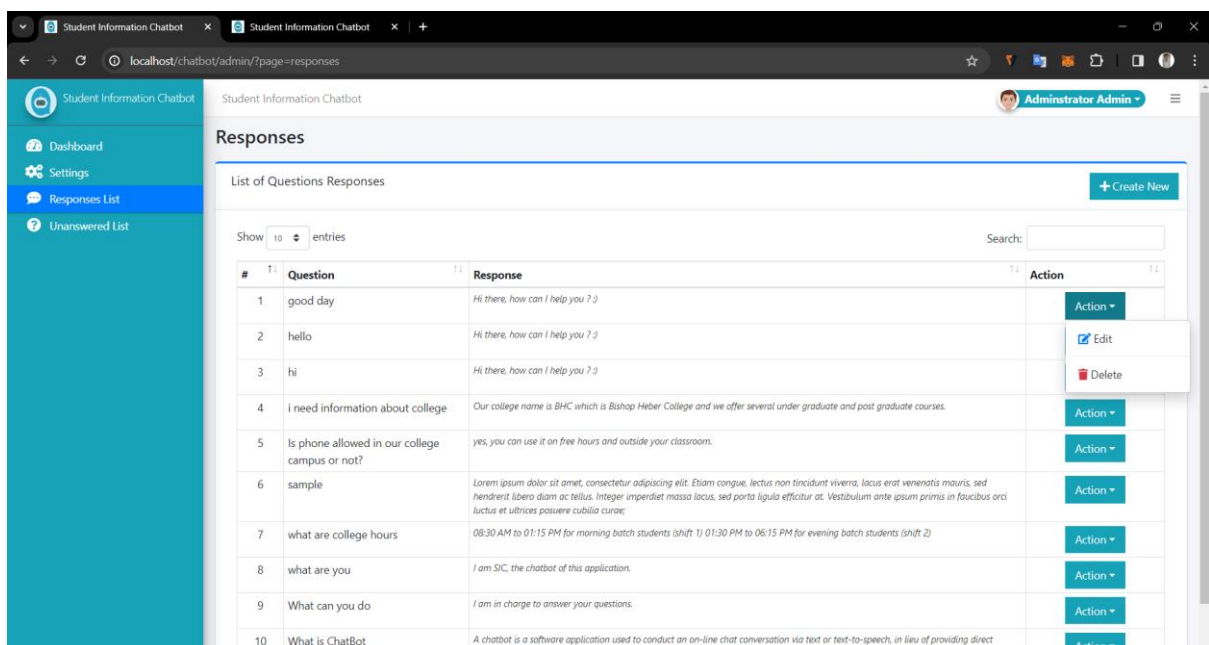
**Fig 8.2.3 Incorrect username or password**



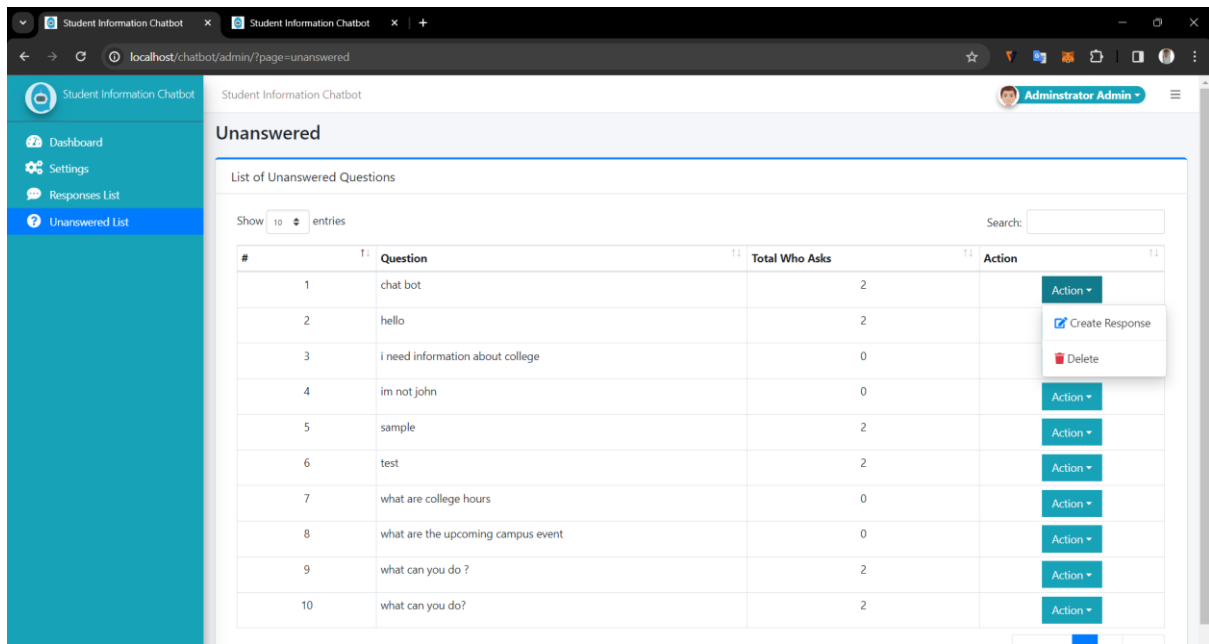
**Fig 8.2.4 Admin Dashboard**



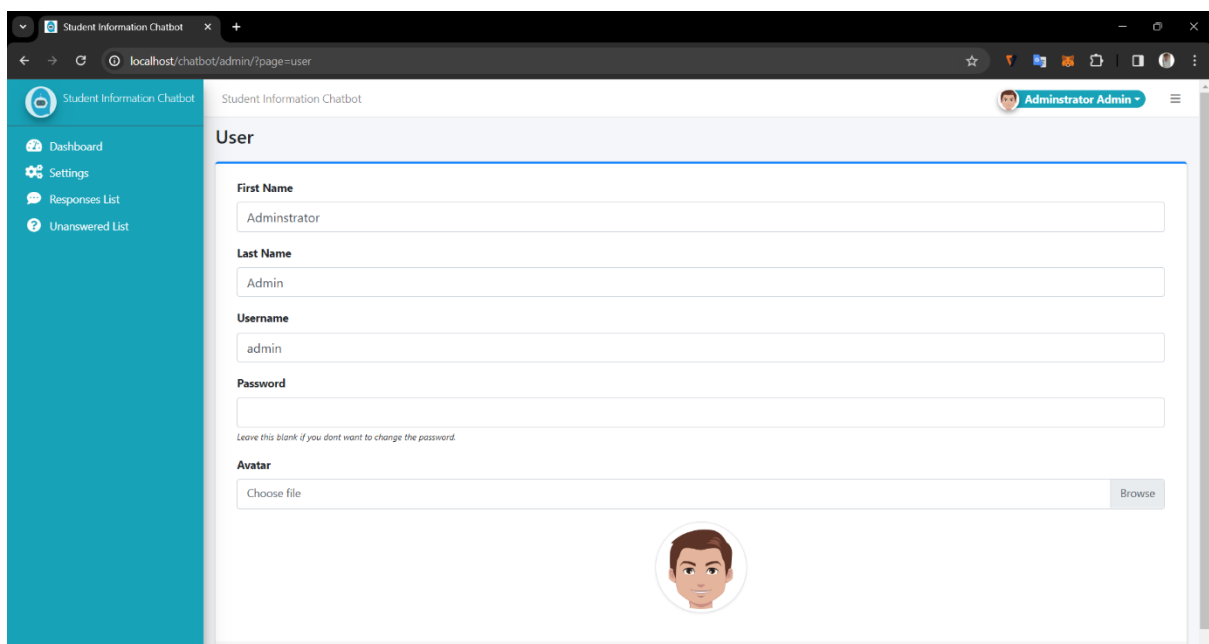
**Fig 8.2.5 Chatbot Settings**



**Fig 8.2.6 Responses List**



**Fig 8.2.7 Unanswered List of Questions**



**Fig 8.2.8 Admin Profile**