**LOGIN.PHP**

Purpose: This file handles user authentication by checking the username and password against the database.

Functions:

•Validates user input.

•Executes a SQL query to fetch user information based on the provided username.

•Verifies the password using password\_verify() function.

•Starts a session and redirects the user to appropriate pages based on their role.

HTML Structure:

• Contains a login form for users to input their credentials.

• Displays error messages if authentication fails.

**SIDEBAR.PHP**

Purpose: This file generates the sidebar menu for the admin panel.

Functions:

• Displays the CRM System logo.

• Displays the username of the logged-in user.

• Provides navigation links to various admin panel pages.

• Provides a logout button.

HTML Structure:

• Contains HTML structure for the sidebar menu.

• Includes dynamic content such as the username.

• Uses Font Awesome icons for navigation links.

**ADMIN.PHP**

Purpose: This file serves as the main dashboard for the admin user.

Functions:

• Fetches counts of students, classes, and subjects from the database.

• Displays these counts in separate sections on the dashboard.

• Provides links to view detailed information about students, classes, and subjects.

HTML Structure:

• Displays a header with the title "Dashboard".

• Includes sections to display counts of students, classes, and subjects.

• Each section contains a link to view more detailed information.

**CLASSES.PHP**

Purpose: This file manages the creation, editing, and deletion of classes in the system.

Functions:

•Handles form submission for adding new classes and updating existing ones.

•Processes requests for editing, updating, and deleting classes.

•Retrieves class data from the database and displays it in a tabular format.

HTML Structure:

•Contains a form for adding/editing classes.

•Displays a table listing all existing classes with options to edit or delete each class.

Database Interaction:

•Inserts new class data into the class\_tbl table when submitted.

•Updates existing class data in the class\_tbl table when edited.

•Deletes selected class data from the class\_tbl table when requested..

Error Handling:

•Displays error messages if there's an issue with database queries or operations.

**SUBJECTS.PHP**

Purpose:

* subjects.php is a web page for managing subjects.

Features:

1. Add Subjects:

• Users can add subjects by filling out a form.

• The form includes fields for list, code, subject, and description.

• Upon submission, the data is inserted into the subjects\_tbl table.

2. Edit Subjects:

• Users can edit existing subjects.

• Clicking on the edit icon retrieves the subject details and populates the form.

• Upon updating the details and submitting the form, the record in the subjects\_tbl table is updated.

3. Delete Subjects:

• Users can delete subjects.

• Clicking on the delete icon prompts a confirmation dialog.

• Upon confirmation, the subject record is deleted from the subjects\_tbl table.

File Structure**:**

Includes:

• function.php: Includes common functions.

• dbconnect.php: Includes database connection details.

Main Functionality:

• The file handles form submissions for adding, editing, and deleting subjects.

• It fetches data from the subjects\_tbl table for displaying in a table.

• Each row in the table includes options to edit or delete the corresponding subject.  
  
**STUDENTS.PHP**

Purpose:

•students.php is a web page for managing student information.

Features:

Add Students:

•Users can add students by filling out a form.

•The form includes fields for student ID, gender, first name, middle name, last name, address, and class ID.

•Upon submission, the data is inserted into the students\_tbl table.

Edit Students:

•Users can edit existing student records.

•Clicking on the edit icon retrieves the student details and populates the form.

•Upon updating the details and submitting the form, the record in the students\_tbl table is updated.

Delete Students:

•Users can delete student records.

•Clicking on the delete icon prompts a confirmation dialog.

•Upon confirmation, the student record is deleted from the students\_tbl table.

**Includes:**

•function.php: Includes common functions.

•dbconnect.php: Includes database connection details.

Main Functionality:

•The file handles form submissions for adding, editing, and deleting student records.

•It fetches data from the students\_tbl table for displaying in a table.

•Each row in the table includes options to edit or delete the corresponding student record.

**RESULTS.PHP**

•This file is responsible for displaying results.

•It includes function.php.

•It contains HTML and CSS for the layout and styling of the results page.

•Notably, it displays a message indicating that some features are not yet covered and may introduce breaking changes.

•It appears to have placeholders for content1 and content2, which are currently empty divs.

**SETTINGS.PHP**

•This file is responsible for handling user settings, such as registration, updating, and deletion.

•It includes function.php and dbconnect.php.

•It interacts with the database to perform CRUD operations on user data.

•It presents a form for registering or updating user information, including role, name, address, username, and password.

•It displays a table showing existing user records fetched from the database.

•It provides options to edit or delete user records directly from the table.

**LOGOUT.PHP**

Purpose: Logs the user out by destroying the session and redirecting to the login page.

Process:

1.Starts the session.

2.Unsets all session variables.

3.Destroys the session.

4.Redirects the user to the login page.

Effect: Terminates the user's current session and requires them to log in again to access the application.