The project I have developed is an Online Voting Software/Website designed to facilitate secure and efficient voting processes.

The system includes two main modules:

1. **Admin Login:**  
   The admin can log in to the system, which opens the dashboard. The dashboard allows the admin to manage voters, elections, and results.
2. **Voter Login:**  
   Registered voters can log in to the system to cast their votes. The interface ensures a user-friendly experience for voters during the election process.

This project is built using the following technologies:

* **PHP** for server-side scripting.
* **HTML** for structuring the web pages.
* **CSS** for styling and layout.
* **JavaScript** for client-side functionality and interactivity.

**Database Setup:**

The project utilizes a database named **votesystem** . To set up the database, follow these steps:

1. Open your database management tool (e.g., phpMyAdmin).
2. Create a new database with the name **votesystem** .
3. Locate the SQL file named **votesystem.sql** in the database folder of the project directory.
4. Import the **votesystem.sql** file into the **votesystem** database. This file contains all the necessary tables and data required for the project.

Once the database is successfully imported, the system will be ready to manage and store voting-related data.

Memory updated

Here’s how you can document the Admin Dashboard section:

**Admin Dashboard Access:**

To access the admin dashboard for the Online Voting system, follow these steps:

1. Open your web browser and enter the following URL:  
   **/lightVotingSystem/admin/**
2. You will be prompted to log in with the admin credentials:
   * **Username:** admin
   * **Password:** admin123
3. After entering the correct credentials, the admin dashboard will open. The dashboard provides various functionalities to manage voters, elections, and view results.

**Admin Dashboard Overview:**

Once logged in, the admin dashboard provides an overview and management tools for the voting system. The dashboard is divided into the following sections:

1. **Dashboard Section:**
   * **No. of Positions:** Displays the total number of positions available in the election.
   * **No. of Candidates:** Shows the total number of candidates participating in the election.
   * **Total Voters:** Indicates the total number of registered voters.
   * **Voters Voted:** Displays the number of voters who have already cast their votes.
2. **Votes Tally Section:**
   * Below the main dashboard section, there is a **Votes Tally** section.
   * This section displays a list of candidates, showing the current tally of votes for each candidate.

**Votes Section:**

Below the **Votes Tally** section, there is a **Votes** section in the admin dashboard. This section provides detailed information on which voters have cast their votes and for which candidates. It helps the admin track the voting process and verify the votes cast by each voter.

**Voter Management Section:**

Following the **Votes** section, there is a **Voter Management** section in the admin dashboard. This section allows the admin to manage voter details, including:

* **First name:** Displays the first name of the voter.
* **Lastname:** Shows the last name of the voter.
* **Photo:** Displays a photo of the voter.
* **Voter ID and Password:** Contains the Voter ID and Password, which are crucial as voters will need these credentials to log in and cast their votes.

**Functionalities:**

* **Add Button:** There is an **Add** button that allows the admin to add new voters to the system. When a new voter is added, their details, including Voter ID and Password, are recorded, enabling them to log in and vote.
* **Delete and Update Options:** The section also provides options to **Delete** or **Update** voter details. This ensures that the admin can easily manage the list of voters by removing or modifying their information as needed.

**Positions Section:**

The **Positions** section in the admin dashboard is dedicated to managing and monitoring the election positions and the votes received by each candidate. This section provides a clear view of:

* **Voting Count:** Displays the number of votes each candidate has received for a particular position. This helps in determining which candidate is leading in the election.
* **Position Management:** The admin can view all the positions available in the election, along with the vote count for each candidate running for those positions.

This section is crucial for tracking the progress of the election and identifying which candidates are receiving the most support from voters.