

## DOCUMENTATION

**Project Name:** PollGram

**Introduction:** PollGram is a web-based application that allows users to create and participate in polls. Users can register and login to the application, create polls (only admin) , and vote on existing polls. They can also update their votes if they change their mind. The application also has an administrator feature that allows an admin user to create a new poll, manage the polls, edit polls, and view website statistics.

### Functionality:

- User registration and login
- Poll creation
- Voting on polls
- Updating votes
- Poll management for admin users
- Viewing poll statistics

### Technologies Used:

- PHP
- MySQL
- HTML
- CSS

**Database:** The application uses a MySQL database to store user information, poll information, and vote information. The database has the following tables:

- Users: stores user information such as username and password
- polls: stores poll information such as poll question and multiple choice options
- choices: stores the choices for each poll
- votes: stores the votes for each poll by each user

**File Structure:** The project has the following file structure:

- config: contains the db\_connect.php file which connects to the database
- sql: contains the import.sql file which creates the database and tables
- views: contains all the PHP files that handle the logic for each view (page) of the application
- templates: contains the header.php and footer.php files that are included in each view
- assets: contains the CSS files for styling
- index.php: the main file that handles the routing of the application and includes the appropriate view based on the URL

### How to Run:

- Import the provided SQL file to create the database and tables

- Update the db\_connect.php file with your database connection information
- Run the application on a PHP server

**Conclusion:** PollGram is a functional web-based application that allows users to create and participate in polls. The application is built using PHP and MySQL, and follows a Model-View-Controller (MVC) design pattern (not completely, but partly). The application has the ability for user registration and login, poll creation, voting, updating votes, and poll management for admin users. Additionally, the application has a simple and user-friendly interface.