Report on Setup and Launch of CoinCount

Introduction:

To access our CoinCount website, navigate to the following URL: http://3.14.248.143/.

This report provides a step-by-step account of setting up and launching the CoinCount application, utilizing PHP for server-side scripting, connecting to a backend MySQL database, and hosting on AWS server.

Server-Side Scripting and Backend Connection:

Our project is developed using PHP for server-side scripting. This approach enables dynamic interaction between the frontend and the backend.

Modifications in the frontend, facilitated through PHP, trigger updates in the backend. This interactivity ensures real-time data posting and retrieval with the MySQL database.

AWS Hosting and Database Setup:

The application is hosted on an AWS server. An EC2 instance is created for this purpose, and a MySQL instance is set up on AWS.

Connection to the MySQL database is established through a .pem file obtained during the AWS setup process. This file is crucial for secure access to the MySQL server.

Database Management via Terminal:

The server is accessed using the MobaXterm terminal.

MySQL commands are executed in the terminal to manage the database. This includes creating the database and managing data entries.

Conclusion:

The CoinCount application leverages PHP for front-to-back connectivity, ensuring that any changes in the frontend are promptly reflected in the backend database. Hosted on AWS, the project utilizes a MySQL database, with management executed through command-line operations in a secure terminal environment.

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