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 offers a detailed explanation of how to install and run the CoinCount application, using server-side scripting with PHP, connecting to a MySQL database in the backend, and hosting on an AWS server..

Server-Side Scripting and Backend Connection:

PHP is used in the development of our project's server-side scripting. The frontend and backend can communicate dynamically thanks to this method.

Updates in the backend are triggered by changes made in the frontend, which PHP facilitates. With the MySQL database, this interaction guarantees real-time data publishing and retrieval.

AWS Hosting and Database Setup:

AWS provides hosting for the application. For this, an EC2 instance and an Amazon MySQL instance are built.

A.pem file that was downloaded as part of the AWS setup procedure is used to create a connection to the MySQL database. For safe access to the MySQL server, this file is essential..

Database Management via Terminal:

The MobaXterm terminal is used to connect to the server..

To administer the database, type MySQL commands into the console. This covers handling data entries and building the database.

Conclusion:
PHP is used by the CoinCount application to provide front-to-back connection, which guarantees that changes made on the front end are instantly reflected in the database on the back end. The project is hosted on AWS and uses a MySQL database, with management carried out via secure terminal operations and command-line interfaces.

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