Myairbnb

Database Installation manual

Database schema overview:

The Database comprises of 24 tables: admin, amenities, bookings, guests, host, language, location, messages, notifications, payments, photos, property, property amenities, property category, reports, reviews, roles, support responses, support tickets, transactions, user language, users, wish list items, wish lists.

Each table is connected through foreign key relationships to ensure data consistency. For example, the HostID in the Property table is linked to the Host table, and the BookingID in the Payments table links to the Bookings table. The database enables management and registration of all users which includes booking an accommodation, making a complaint, giving a review, recording payments and so much more.

Prerequisite:

Before interacting with the Airbnb database, you will need the following software:

MySQL Server: To host and manage the database.

MySQL Workbench: A graphical interface for managing MySQL databases.

System Requirements for MySQL Workbench:

Operating System: Windows, macOS, or Linux.

Memory: Minimum 2 GB of RAM (4 GB recommended).

Disk Space: At least 200 MB of free disk space for installation.

Processor: Intel/AMD 64-bit processor.

Installation:

If you don't already have MySQL Workbench installed, download and install from the official website.

1. Open MySQL Workbench and Connect to Your MySQL Server.
2. In the navigator panel on the left, find and click on the Server tab and select Data Import from the dropdown menu. This will open the Data Import wizard.
3. You will see several options here choose Import from Dump Project Folder. Click on Browse to locate and select the file.
4. Choose the schema (myairbnb). Create a new schema on the right side of Default Target Schema, ensuring that Dump Structure and data is selected.

5. Then click the Start Import button to begin importing your data. MySQL Workbench will execute the necessary commands to import the data from your file into the selected schema.
6. Monitor the progress and look for any error messages. If the import is successful, you will see a confirmation message.
7. After the import is complete, you need to refresh the schema in MySQL Workbench to see the newly imported tables and data. Right-click on the schema in the navigator panel and select Refresh.
8. Test the Schema by executing the SQL file named Test cases by opening the file from open a SQL script in the navigator panel labelled file.

Conclusion

In conclusion, this User Installation Manual has been designed to guide you through the process of setting up and configuring your 'myairbnb' system effectively. By following the step-by-step instructions provided, you can ensure that the installation is completed smoothly and that the system is fully operational. The manual covers all essential aspects, including system requirements and installation procedures.