

Installation Manual

This installation manual provides step-by-step instructions on how to install and configure the Airbnb Database System. It includes information on system requirements and installation procedures.

System Requirements

- i. Minimum 4GB RAM (8GB recommended)
- ii. Operating System: Windows 10/11, macOS, or Linux
- iii. Database Management System (DBMS): MySQL 8.0
- iv. MySQL Workbench (for MySQL users)

Installation Instructions

Step 1: Install Database Management System (MySQL)

1. Download MySQL Community Server from <https://dev.mysql.com/downloads/mysql/>
2. Run the installer and select:
 - MySQL Server
 - MySQL Workbench
3. Set up the root password and note it down. Recommended to store it in vault.
4. Complete the installation and ensure MySQL is running.

Step 2: Import the Database

1. Extract the provided ZIP file.
2. Open MySQL Workbench.
3. Open the **airbnb_db SQL** script from the extracted folder.
4. Execute the script to query and test the database design.

Testing the Installation

1. Open MySQL Workbench and connect to **airbnb_db**.
2. Run the following command to check the database tables:
3. SHOW TABLES;

4. To show that all tables were created successfully.
5. Run a sample query to retrieve data:
6. `SELECT * FROM users LIMIT 5;`
7. If data is returned, the installation was successful.

Conclusion

This guide has provided all necessary steps to successfully install and set up the Airbnb Database System.

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