**DB Project Setup Instructions**

**Steps**

**1. Set Up PostgreSQL with Docker**

1. **Pull the PostgreSQL Docker Image**: Open your terminal or command prompt and run:

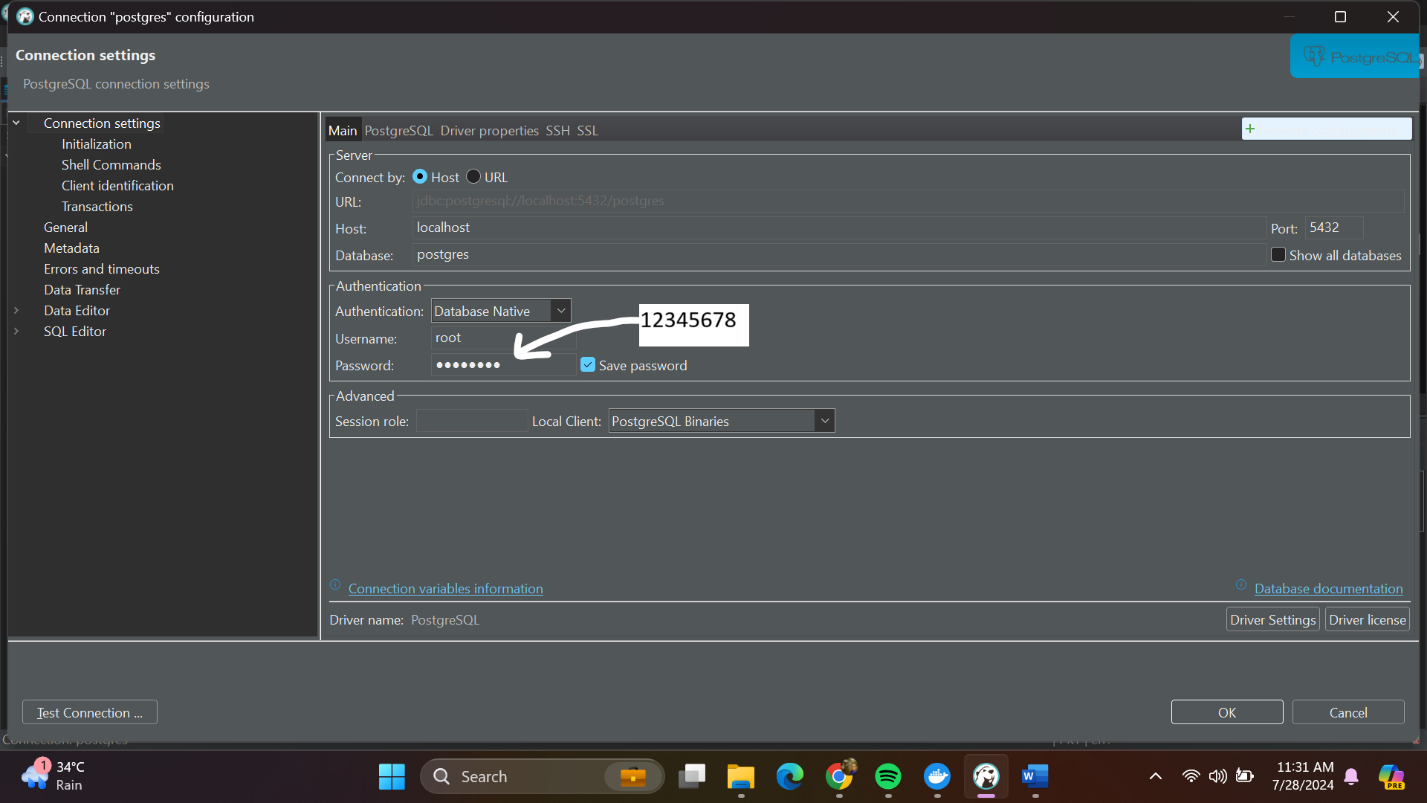
docker pull postgres:latest

1. **Run the PostgreSQL Container**:

docker run --name postgres-container -e POSTGRES\_USER=root -e POSTGRES\_PASSWORD=12345678 -e POSTGRES\_DB=rms\_db -p 5432:5432 -d postgres

**2. Set Up DBeaver**

1. **Launch DBeaver**.
2. **Create a New Database Connection**:
   * Go to Database > New Database Connection.
   * Select PostgreSQL from the list of databases.
   * Click Next.
3. **Configure the Connection**:
   * **Host**: localhost
   * **Port**: 5432
   * **Database**: rms\_db
   * **Username**: root
   * **Password**: 12345678
   * Click Test Connection to ensure the details are correct.
   * Click Finish.



**3. Create the Database Schema and Tables**

1. **Open the SQL Editor**:
   * In the Database Navigator pane, expand the PostgreSQL connection.
   * Right-click on rms\_db and select SQL Editor > New SQL Editor.
2. **Run the Creation Script**: Copy and paste the script from the **rms\_db** file attached.