Database Creation Instructions

1. **Preparations**

Have your Oracle installed, and SQL Developer ready to use, copy the [**podcast-app-cleanup.sql**](https://github.com/AIR-null/oracle-19c_podcast-app/blob/main/podcast-app-cleanup.sql)and [**podcast-app-create.sql**](https://github.com/AIR-null/oracle-19c_podcast-app/blob/main/podcast-app-cleanup.sql)scripts to a convenient folder on your PC.

1. **Check your connection** to the database.

Open a **cmd window** using ‘**run as administrator’** and run the ‘**sqlplus / as sysdba**’ command line. Once connected, run the command ‘**show con\_name;**’ which will show the connection name for your default instance.

1. **Run the Creation Script**
2. Open a **Command Prompt** with **administrator** privileges, and navigate to the folder where your .sql scripts are stored.
3. Run **‘sqlplus / as sysdba’** to connect you as sysadmin without needing a password.
4. Run the creation script: **@**[**podcast-app-create.sql**](https://github.com/AIR-null/oracle-19c_podcast-app/blob/main/podcast-app-cleanup.sql)

[***podcast-app-create.sql***](https://github.com/AIR-null/oracle-19c_podcast-app/blob/main/podcast-app-cleanup.sql) ***running process***

1. Create TABLESPACE Provides dedicated storage for application data.
2. Create USER to identify individuals or applications that will interact with the database.
3. Create ROLE manage privilege by grouping related permissions.
4. Grant privileges to users have the necessary rights to perform their tasks.
5. Connect as podcastAppAdmin and create the stored tables, procedures, and triggers.
6. After successful creation, run the DMLscript: **@**[**sample-data.sql**](https://github.com/AIR-null/oracle-19c_podcast-app/blob/main/sample-data.sql)to insert sample data.

Notes: If encounter some data insertion errors, exit sqlplus and start it again using “sqlplus / as sysdba”. Then use **@**[**podcast-app-cleanup.sql**](https://github.com/AIR-null/oracle-19c_podcast-app/blob/main/podcast-app-cleanup.sql) to undo the effects of the first script and leave you connected as sys.

1. **Connect to ORACLE** using SQL Developer as the “***podcastAdmin***” user.
2. **Test database integrity with DML**
3. **Relink the table in Access:**

Open **Linked Table Manager** in your Access application file, select all the table needed to relink, Click relink, change the **SERVER** name to your local server’s name in the pop-up window. Enter the **login information**, click **Ok** to relink all the tables, make sure all the tables are relinked successfully. Check if all the tables, forms, and reports are working well.