

## Individual Project topic: Custom Furniture Workshop

**Organization:** Star Furniture (Custom Furniture Workshop)

**Interviewee:** Kawsar Hossain (Owner of the shop)

**Address:** [1935 Westchester Ave, Bronx, NY 10462](http://1935 Westchester Ave, Bronx, NY 10462)

**About the Mini World:** Star Furniture is a custom furniture workshop that designs and manufactures made-to-order furniture. This database system supports customer orders, custom designs, materials, suppliers, production work orders, and payments.

### Project Contents

This repository contains the following files:

- Star\_Furniture\_Project\_Report.docx

System design documentation including requirements gathering, research, interviews, and surveys.

- Chen\_ER\_Diagram.png

Chen-style ER diagram representing entities and relationships.

- UML\_ER\_Diagram.png

UML-style ER diagram created using MySQL Workbench.

- star\_furniture.sql

SQL scripts to create the database, tables, primary keys, and foreign keys.

- star\_furniture.mwb

MySQL Workbench model file containing the EER diagram and database design.

### How to Run the Database

1. Open MySQL Workbench
2. Open the file “star\_furniture.mwb” to view the ER diagram
3. Open “star\_furniture.sql” in a new SQL tab
4. Execute the script using the lightning bolt
5. Refresh schemas to view “star\_furniture\_db”

### Notes

- All tables use “INT AUTO\_INCREMENT” primary keys
- Relationships follow the project cardinality requirements
- Database was created using MySQL Workbench EER modeling