

Project Summary

This is a rental management website where a customer can rent electronic goods, furniture for temporary usage. The Customer can add the products which he needs to rent through this interface.

Design

The entities included in this model are

- 1) Store
- 2) StoreManager
- 3) Customer
- 4) Product
- 5) Inventory
- 6) Address
- 7) User
- 8) Group

Roles

Admin:

The admin can view all the details which are related to a Customer, StoreManager and the number of products in store for an inventory.

Manager

The manager view shows the store in which he is working. The Manager has the privilege to only update and delete a store. The StoreManager can also update his personal details.

Customer

The Customer view shows the list of products which he has rented. The Customer can add to the cart the product which he/she wants to rent. The Customer view further has the option to update his/her details.

Development Insights

Much time went into understanding the separation of layers mainly the Service, Web, Security layer. The Final project gave an insight into using JSF for presentation layer, authorization and authentication for the interface.

Requirements

A Maven Web Application must be created. Add the required dependencies for the project. Create the appropriate persistence, JDBC connection. Add all the security constraint in the web.xml and sun-web file.