

Design Specification

Classes Design and Descriptions:

Class: Customer

1. Stores the information and data of customers of the store.
2. Keeps record of the items the customer has rented.

Class: Item

1. Stores the information and data of the items that the store has.

Class: Rental_Store_System

1. Dependent on the class Customer and class Item.
2. Keeps records of all customers and items.
3. Saves all data to a file.
4. Search for customer by phone.
5. Adds new customers.
6. Adds new items.
7. Process rental take outs and returns.
8. Updates existing customer and item data.
9. Handles data input and output.