

STAGE 1

Scope:

We have elected to create a hardware store management system. This system will utilize multiple functionalities to provide the employees with a POS system, inventory management, and employee and customer accounts. This system will also feature a ticket-based reporting system allowing employees to report errors or issues. A scheduling system will be included allowing employees to enter their EIDs to view their scheduling.

Classes:

Store – Methods for showing location, hours of store

Inventory – Methods for storing and showing names of items, descriptions, locations, amounts on hand, CRUD

Customer – Methods for storing and showing names, purchase history, rewards, CRUD

Staff – Methods for storing and showing names, hire dates, sick time/PTO/Unpaid, check stubs

Purchase – Methods for removing from inventory, showing and recording charges

Payment – Methods for recording and showing payments

Comment/Ticket – Methods for saving/showing description, priority level, who needs to receive it

Schedule – Methods for overall schedule for store showing employee schedules