

1.

Lacie Harris

Isabella Moleski

Mario Soto

2.

Tea Shop management system

3.

-Financial system: Includes the overall amount of money the tea shop has considering data from the sales system, as well as the expenditures from buying new products, repairs, and employee payroll by data of inventory, employee, and client's system.

-Sales system: Check within the inventory system if a product is available and how much money is earned from the sales of the product.

-Inventory system: products in stock, amount (inheritance from sales system, subtract when items are sold) and type (allows user to edit inventory, update it with new shipments etc.)

-Employee system: track performance (esp. sales) with reports showing performance over time, payroll, maintenance/repair tickets (assign requests), assign and track deliveries, CRUD system employees

-Client system: request shipments, track shipments, request repairs, CRUD system applied to orders, catalog of products and corresponding search system

User Scenarios: With an emphasis on synchronization, synthesis and accessibility, the tea shop management system will be designed will allow employees, clients, and management to effectively execute daily, critical tasks that are essential to running a tea shop. Employees will be able to track not only the number of hours they have worked in a pay period but also the requests in their areas of expertise for maintenance and what deliveries they may need to complete. Managers will be able to conduct monthly check-ins to ensure that all work is delegated evenly, all shipments/deliveries are on track, employee pay, financials etc. Managers and employees alike will also be able to monitor employee performance when using the employee system. The names of different employees will appear, and users will be able to select a name to check on that employee's performance for the month. Clients can view available products and request those products while simultaneously keeping track of items that were ordered previously. Reports are generated in both the inventory and sales systems. For example, if new clients are requesting products, managers can view any inventory reports and prepare inventory for new clients based on what is available and make any necessary adjustments (i.e., ordering more products or suggesting alternatives to clients). They can also generate sales reports to see what is selling well and how that will affect inventory.