

Stage 1: CS 234 Group Project

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Chosen Topic: Tea Shop Management System

This tea shop management system will be capable of handling employee, product, and financial information, generating reports, and a point of sale. The system will allow users to “CRUD” employee and product directories. The employee directory will include employee’s name, ID number, position, wage, hours-worked, and potentially more. The product directory will include product-type, description, quantity available, vendor information, product cost, and customer price.

The point-of-sale system will feature a list on menu items for the employee to choose from. Sales can only be made if there is sufficient product quantity. The system will also provide alerts on the homepage when a product’s quantity is getting low. Reports can be generated for employee records, product records, and sales records. This includes daily sales, daily cost, revenue (all daily reports combined through a set range), cost (all daily cost reports combined through a set range), biweekly payroll, budgeting reports, and an overall inventory report.

The system’s GUI will be easily navigable and clear to understand. The main page will by default be the point-of-sale since most this will be used most often day-to-day. There will be a menu to navigate to the other features of the software, such as employee and product records.