CECS 491A Proposal

BobaHome

September 13, 2021

BeanDevs

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Overview

BobaHome is a web application that aims to help bubble tea or "boba" shop owners manage their stores. The application will have features that will not only be helpful for store owners, but the baristas as well. Owners will be able to manage their workers' shift hours and days, inventories, and all other features that their workers are able to access. The owner is able to add drink recipes and instructions to their store profile on the web application to allow baristas to view the drinks and see how each is made. Baristas are able to view each drink to properly learn and make the drinks, have access to a time option to track the cook times of teas and tapioca pearls. The goal of this application is to make managing a store much easier.

Target Audience

BobaHome was made for "boba" shops specifically as these shops tend to have very complicated drinks with many ingredients. This application helps manage the shops as well as makes it much more convenient for baristas to make drinks without having to remember every step and ingredient involved in dozens of different drinks.

Competition

- Connecteam is an app that features employee communication, scheduling of shift, clocking in users, checklist, task management, and an employee management/knowledge center
    - What makes our app unique?
        - Our knowledge center is more personalized for the owner to make changes. They can easily upload pictures and update recipes.
        - Our application has features that help the store in more ways than Connecteam. For example, we have a tracking inventory option.(More details below in features)
        - This makes the store run more efficiently. This allows the store to avoid wasting time for an employee taking inventory and have them doing more impactful tasks.
        - In the long run, it saves the owner more money since they can hire less employees and still maintain the same efficiency level.

Features

- Owners and workers can both make accounts
    - Owners can add worker accounts to their store, allowing them to access the menu
- Owners can create schedules so workers know when to clock in
    - Workers can log in to see when their scheduled days/hours
- Clock in menu for owners to track worker shifts
- Recipe book menu for workers

- Owners can add drinks to the recipe book and/or menu
  - Owner can add instructions and ingredients to the drinks to allow workers to accurately create the drinks or to learn them
  - Owners can add pictures and descriptions to the drinks
- Search bar for menu to easily find drinks in a menu with many drinks
- Timer menu with multiple timers for cooking various teas, foods, and ingredients
- If not logged in, a guest option is available for guests to view the detailed menu
  - Has search bar and filters (sweetness, fruity, milk, hot/cold, allergens)
- Inventory menu that allows owner to see what is in stock and what needs to be restocked
- Inventory tracker that updates database when a drink is made in the recipe book menu
  - Updates inventory depending on what drink is made with what ingredients