

# SOFTWARE ENGINEERING

## Project Synopsis: Online Boba Tea Ordering System

### Project Description:

We propose the development of an Online Boba Tea Ordering System for 'Shinju Brews,' aiming to simplify the process of ordering boba tea. This platform will cater to boba tea enthusiasts seeking convenience and delightful beverages.

### Project Scope:

We will create a mobile application enabling users to browse and order boba tea products from nearby Shinju Brews outlets. Users can explore the menu, place orders, and pick up their boba tea at a nearby restaurant.

### Users and Stakeholders:

- Customers: Boba tea enthusiasts
- Grocery Store Partners: Collaborating grocery stores

### Functional Features:

#### 1. Menu Exploration and Customization:

- Users should be able to browse the menu with detailed product descriptions and images.
- They must have the ability to customize their boba tea orders, including selecting flavours, specifying sweetness levels, and adding toppings or extras.
- To be done by Shubhika Verma (PES2UG21CS517)

#### 2. Admin Panel:

- Provide a secure and user-friendly admin panel/dashboard for system administrators.
- Enable administrators to manage menu items, update prices, and oversee order processing.
- Allow administrators to view and manage user accounts, access order history, and monitor system performance.
- To be done by Surobhi Halder (PES2UG21CS558)

### **3. Order Management and Tracking:**

- Implement an efficient cart system for users to add, modify, and review their orders before checkout.
- Provide real-time order tracking with updates on order preparation and estimated pickup times.
- To be done by Siddharth Rajendran (PES2UG21CS524)

### **4. User Profiles:**

- Allow users to create and manage profiles.
- To be done by Shreyas Reddy (PES2UG21CS508)

These four functional requirements are essential for creating a functional and user-friendly Online Boba Tea Ordering System. They cover menu exploration and customization, order management and tracking, and user profiles.

### **Submitted by:**

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