

User Stories for Tenant

1. As a tenant, I want to easily view the daily menu offerings in the hostel canteen through the web application so that I can make informed decisions about my meals.
2. As a tenant, I want to have the option to place orders for meals online, specifying any dietary preferences or restrictions, to ensure my meals align with my needs.
3. As a tenant, I want to track the status of my meal orders and receive notifications when they are ready for pickup, providing me with convenience and timely updates.
4. As a tenant, I want to provide feedback on the quality of the food and service received from the hostel canteen through the web application, contributing to improvements in the dining experience.
5. As a tenant, I want to be able to set up automatic meal subscriptions for regular meals I frequently order, simplifying the ordering process and ensuring I never miss a meal.
6. As a tenant, I want to view my transaction history and track my spending at the hostel canteen through the web application, helping me manage my expenses more effectively.

User Stories for Canteen Owner

1. As a canteen owner, I want to easily update the daily menu offerings in the hostel canteen through the web application, ensuring accurate and up-to-date information for tenants.
2. As a canteen owner, I want to track and manage incoming meal orders through the web application, facilitating efficient order processing and fulfillment.
3. As a canteen owner, I want to receive feedback from tenants regarding the quality of food and service, enabling me to address any concerns and improve overall satisfaction.
4. As a canteen owner, I want to create and manage special promotions or discounts for certain menu items through the web application, attracting more customers and boosting sales.
5. As a canteen owner, I want to view detailed reports and analytics on meal orders, revenue, and customer feedback through the web application, helping me make data-driven decisions to optimize operations.
6. As a canteen owner, I want to manage inventory levels and suppliers efficiently through the web application, ensuring adequate stock of ingredients and minimizing waste.

Functional Requirements

1. The system must allow tenants to register and log in securely.
2. The web application should display the daily menu with detailed descriptions of each item.
3. Tenants should be able to add items to their cart, specify quantity, and place orders.
4. The system should support online payment processing for meal orders.
5. There should be an order management module for administrators to track and fulfill orders.
6. The web application must provide a feedback mechanism for tenants to rate their dining experience.
7. Automatic meal subscription functionality should allow tenants to schedule recurring orders.
8. Pre-ordering features should enable tenants to schedule orders in advance.
9. The system should have a promotions management module for administrators to create and manage discounts.
10. Special meal accommodation requests should be facilitated through the system.
11. Nutritional information for each menu item should be displayed to tenants.
12. Tenants should be able to update their personal information and preferences in their user profiles.

Non-Functional Requirements

1. **Usability:** The user interface should be intuitive and easy to navigate for both tenants and administrators.
2. **Performance:** The system should be responsive, with quick loading times for menu browsing and order placement.
3. **Scalability:** The architecture should be scalable to handle a large volume of orders during peak times.
4. **Reliability:** The system should be reliable, with minimal downtime and robust error handling mechanisms.
5. **Security:** Data transmission and storage should be encrypted to protect sensitive information such as payment details.
6. **Accessibility:** The web application should be accessible to users with disabilities, following WCAG guidelines.

7. **Compatibility:** The application should be compatible with a range of devices and browsers to accommodate different user preferences.
8. **Integration:** Seamless integration with existing canteen management systems should be ensured.
9. **Regulatory Compliance:** The system should comply with relevant regulations regarding data protection and online payments.
10. **Documentation:** Comprehensive documentation should be provided for users and administrators, including user guides and system manuals.