Requirements

Track and manage meal plan credits, transactions, and balances.

1. Meal Credit Balance

1. The system shall maintain a real-time balance of meal credits for each user.
2. The balance shall be updated immediately after each transaction (purchase or deposit).
3. The system shall display the current balance prominently on the user's dashboard.

2. Transactions

1. The system shall record all credit transactions, including purchases, deposits, refunds, and transfers.
2. Each transaction shall be timestamped and include details such as amount, type, and location (for purchases).
3. The system shall support viewing of recent transactions (last 5-10) on the dashboard.
4. A complete transaction history shall be available for users to view and filter.

3. Wallet Management

1. The system shall provide a method for users to add funds to their meal credit wallet.

4. Purchase Process

1. Users shall be able to make purchases using their meal credits at any participating campus dining location.
2. The purchase amount shall be deducted from the user's balance in real-time.

5. Shopping Cart Functionality

1. The system shall provide a virtual shopping cart for online food ordering.
2. Users shall be able to review their cart contents before proceeding to checkout.