High-level Architecture diagram

Customer Interaction

- Customer Input like event type & preferences
- Mix-n-Match service

Inventory Management

- Available inventory stock
- Inventory Filtering

Recommendation Module

- Provide recommended recipe for customer as per preferences

Shopping Cart Module

- Add recommended recipe to the cart
- Checkout

Customer Feedback Module

- Collect Feedback on recommendation from customer
- Forward the feedback to analytic module

Analytics Module

- Process user feedback
- Update the recommendation module for better customer recommendation
- Analyze business impact like customer satisfaction, retention, loyality and informed business decisions