**RESTAURANT APP REQUIREMENTS DOCUMENT**

**INTRODUCTION**

Restaurant app is a general commercial app design for food ordering and servicing.

The app allows customers to order food online, get feed-back of how long it will take for their meal to be available and supports the restaurant owner to manage and respond to customers request effectively and efficiently. The app also adds value to the business by providing insight (predictive, descriptive and prescriptive analytics) into the business performance, improving the decision making point of view of the restaurant owner.

**Functional Requirement**

1. The system shall allow users to authenticate with their email and password.
2. The system will allow customers to order lunch or dinner.
3. The system will allow staff to accept orders and provide feedback of progress to the customer
4. The system shall allow staff to update the quantity of food available.
5. The system should warn staff of food quantity running low.
6. The system will allow managers to view analytics.

**Non Functional Requirement**

**USER STORIES**

1. As a student, I want to be able to order food while doing other things on my schedule.
2. As a customer, I want to be able to view the menu and choose what I want.
3. As a customer I want to be able to order a customized meal.
4. As a food server, I want to know how many orders are to be responded for lunch and supper.
5. As a manager I want to be able to track sales and performance of the business.
6. As a customer I want to be able to provide feedback for a better experience next time.
7. As a manager I want to be able to view customer feedback, so as to identify areas for improvement

**ACTORS**

* **Customer**
* **Shipping department**
* **Market department**
* **Managers**

**USE CASES**

* Order meal
* Mange orders
* Prepare food
* Process payment
* View menu
* Track inventory
* Analyze sales

**ORDER MEAL USE CASE**

1. **Get user details**
2. **Select meal**
3. **(if meal available)**
   1. **Place an order**
   2. **Choose delivery destination**
   3. **Choose payment method**
   4. **If payment is online**
      1. **Pay now or pay from wallet**
      2. **Make payment**
   5. **If payment will be using hard cash**
      1. **Pending ….**
   6. **Send order request**

**MEAL DELIVERY**

1. **Get order request**
2. **Notify customer when shipping**
3. **If destination reached**
   1. **Check payment**
      1. **Payment made**
         1. **Deliver meal**
      2. **Make payment**
         1. **Deliver meal**