# Software Requirements Specification

# for

# Personalized food delivery app

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Table of Contents

Requirement Analysis......................... ......................... ......................... ...........................

Functional Specification......................... ......................... ......................... .........................

External Interface Specification......................... ......................... ......................... ..............

Technical Specification......................... ......................... ......................... ...........................

**Requirement Analysis:**

Nowadays, most people order food on line as it saves a lot of time and it is very convenient Ordering food on line has become a norm nowadays. But lately, people have become more health concious and long for home cooked food. People, especially corporate employees, do not have the time to cook food themselves. Consuming outside food on a daily basis is not considered to be healthy or hygienic .

This system efficiently manages the delivery of home cooked food to our customers and provides an efficient routing algorithm for the delivery of the food. It also provides personalized food suggestions based on user feedback and orders.

**Functional Specification:**

*Scenario & Overview:*

Supposing a corporate employee and a bachelor living away from home for work,

as this particular person would have almost negligible time to cook food on a daily basis he would turn to restaurant food which is not healthy over a long period of time.

We are going to provide people with similar status with an online food delivery system which allows them to get home cooked and healthy food based upon his personal traits like BMI, allergies etc.

A corporate employee looking for this service will need to download and install the android based application developed for the purpose, he will provide his personal traits in the registration form. These details would be helpful in creating a custom package personal to the user, Feedback over a period of time from user will evolve the personalized package entailing preferences of the user

The very same app would be used by logistics to get their optimized path for pickup and delivery route. He must be informed as to whether the point is pickup or delivery accurately.

The cooks will also get their daily details like quantity and type of food to be cooked through their respective portal.

*Open Issues:*

At the point of detailing the SRS, the routing algorithm for logistics and the package recommendation method have not yet been finalized.

**External Interface Specifications :**

User Interface :

1. SignUp page
2. Login page
3. Home page for different users (customers/cooks/logistics)

For Admin : User Details (no of customers/cooks)

Approve cook

Remove User

Update Menu (Add/delete items)

For customer : Package selection from pre-decided templates

Recommended package

Custom package selection (Radio buttons)

Feedback

Update Details-(changes in contact no/address/email)

Check today’s menu

Credit points

Logout

For cooks : Orders (Quantity and type of food to be prepared)

Report changes (just in case the decided food item is not available)

Logout

For logisics : Show the optimal path for pickup and delivery of food

Update the status of delivery

Logout

4. Payment Gateway

Communication Protocols : HTTP(S), JSON

Hardware Interfaces : Android Phone with Android version 6.0 and above

Database Backend : SQLite

**Technical specifications :**

Performance constraints:

* IOS compatibility issue
* Error in payment gateway
* Address verification can be difficult
* Minimum requirement of Quad Core CPU
* Exact location by GPS

Memory requirements/os / hardware:

* Windows App
* Linux server can be used as a faster server
* English language for application communication
* Require IOS 9.0 / Android 4.3 or later
* Pentium & later processors