# Software Requirements Specification

# for

# Personalized food delivery app

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**1 Requirement Analysis:**

The app is supposed to be a personalised service which allows the users to choose meals for a weeks duration. It would be an app from which user can order food as well as is a dietician.

The app is supposed to enable the user(customer) to order home cooked food online. It will allow the user to choose a package from the existing templates and it will also recommend a package which is ideal with respect to the users dietary requirements.

The app is intended for people who are looking for home-cooked food and want a service which can suggest them what to eat and what not to eat.

The app will suggest the user a package which include meals based on his/her dietary needs. It will also find the best optimal path for pickup and delivery of food.

The app is based on popular apps like Zomato & Swiggy which deliver food from restaurants

**2 Functional Specification:**

2.1 *Scenario & Overview:*

2.1.1 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

2.1.2 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.

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

*2.2 Open Issues:*

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

**3 External Interface Specifications :**

*3.1 User Interface :*

1 Sign Up 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

Payment Gateway

3.2 Communication Protocols : HTTP(S), JSON

3.3 Hardware Interfaces : Android Phone with Android version 6.0 and above

3.4 Database Backend : SQLite

**4 Technical specifications :**

4.1 Performance constraints:

* Minimum requirement of Dual core 1.2ghz
* Exact location by GPS
* Browser/IOS compatibility issue

4.2 Memory requirements/os / hardware:

* Android smartphone with version 6 and above
* Ram 512mb and above