

Software Requirements Specification  
for  
**Food Panda Application**



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# Table of Contents

## 1. Introduction

- 1.1 Purpose . . . . .
- 1.2 Software Convention . . . . .
- 1.3 Intended Audience . . . . .
- 1.4 Project Scope . . . . .

## 2. Overall Description

- 2.1 Product Perspective . . . . .
- 2.2 Product Features . . . . .
- 2.3 Operating Environment . . . . .
- 2.4 Design and Implementation Constraints . . . . .

## 3. Requirements

- 3.1 Functional Requirements . . . . .
- 3.2 Non- Functional Requirements . . . . .

# **1. Introduction**

This document incorporates specifications and features of software of Food Panda Application in detail. It helps to understand the target audience and user classes correspondingly.

## **1.1 Purpose**

The purpose of this software is to develop a connection between the sellers and the buyers of food using an internet based application named as Food Panda. This application is basically used to order the food online and getting it delivered to your required place instead of going to the market or food stores and wasting the quality time in buying of the food from food shops. It is mostly used during the office hours and lunch hours as many of the worker in offices feel very difficult to manage the time to go out of their workplaces in order to get the food so they easily place the order online using this application and get their order delivered at their workplaces. Food Panda also enables the user to scan the QR code and online payment without getting in hassle of long queues or cash related problems so the users can directly pay through their digital mobile banking applications.

## **1.2 Software Convention**

This application basically comprises of different features, some of it includes food ordering features and some are connected at the seller's end. Basically this application does not itself give food to the desired customer, it only builds a connection between the two parties that is the buyer (customer) and the seller (food shop). Customer orders the food and the app shared the relative order with the customer's order and then this app basically delivers the food to the customer.

## **1.3 Intended Audience**

The most common users of this software are the people which are busy in their offices, in workplaces and in the school-college routines. These people are really so much busy in their schedules that they cannot manage to get involved in the process of buying the food from the market or shops so the best option they have is to just order it from this application and have their meal. Further this application does not involve only any single type of food, it have multiple food points offering multiple types of food.

## **1.4 Project Scope**

The main goal or scope of this application is to build the connection between the selling and the buying parties terminating the concept of in store ordering of food, take away system and it basically appreciates and motivates the concept of online food ordering. It motivates the users or the customers by offering them different packages or the discounts on their first few orders and they also give discount vouchers by inviting other on this application so they can get more attention of the local users. Considering the huge price hike, this application also offers different

budget options and it also separates the stores using the filter of low to high or high to low option.

## 2. Overall Description

This part basically explains complete overview of the system, its working environment and procedures.

### 2.1 Product Perspective

This application was the first one at the time of its emergence but at this time, many different food delivery apps are now common and in use but no one has come up to the level of this application because of its features and bonding with the customer. Further this app has gained the trust of the customer in a short period of time because of its competency and they have always delivered their best to the customers.

### 2.2 Product Features

Food Panda application offers many features, some of them includes

For Customers	For Sellers
They can order the food	They can create, edit and delete their store accounts
They can pay using cash payment as well as online payment	They can create, edit and delete their page profiles
They can place order anywhere they want	They can create, edit and delete the respective items
They can enjoy meal without going anywhere	They can offer and then delete different offers
They can track the delivery of their order	They can offer and delete different packages
They can enjoy the discount vouchers and deals	They can take orders from the customers
They can also send food to any relative as a present	They can also cancel the order due to valid reasons

### 2.3 Operating Environment

The main operating procedure of this application is such that the user or the customer open the menu bar of the app and select or choose the desired meal of its choice and then tick mark the payment method whether by cash or by online payment and then confirms the order and place the order. Meanwhile the Food Panda App after that confirm the order and then send it to the respective restaurant or the food point, the food will be prepared there are then the food point gives the food to the rider or the delivery man of the Food Panda app who then delivers that order at the desired delivery location. Meanwhile all of this process is continuously being monitored by the customer using track your order feature of the app and the customer can also have a chat with the rider or the delivery man.

## 2.4 Design and Implementation Constraints

The customer needs the access of any hardware system whether it could be any smart mobile phone, laptop computer and the access of internet is also required to order the food. Further the selling party, the restaurant also needs the access of these things to get the order from the app and then it shares the completion status of the order.

## 3. Requirements

Now we will cover all the functional and non-functional requirements of the Food Panda application.

### 3.1 Functional Requirements

Requirements	Description
Menu	It is the basic requirement of the software that the customer can be able to view the menu anytime they wish to order the food
Order Placing	It is the basic requirement of the software that the customer can be able to order the food anytime they wish
Order Modification	Customers should always have the facility to make modifications in their order until they have placed their order or finalized the order
Mobile Device Support	The system should be accessible for all the mobile device for the convenience of the customers
Payment Processing	Customers should have the facility to input their information for the payment processes
Admin Control	Admin should have the accessibility to manage the data related to items being delivered or being ordered
Previous data Control	Customers should be able to view their previous orders so that they can also reorder the previous food they ordered sometime

Managing Accounts	Customers should be able to manage their accounts, their profiles and their delivery places, their data and other information
Food Updated	Restaurant admin should be able to update their prices, any deals, their amount of available dishes etc. on the application
Order Confirmation	Customers should get the final confirmation message or notification of their order
Delivery and Payment	Customers should be able to enter their personal information details and payment details in order to avoid any inconvenience
Order Completion	Restaurant should notify the rider of the Food Panda app when the order is ready and can be placed to the relevant address
Navigation System	Rider should be able to have a correct navigation system in order to deliver easily and not to experience any inconvenience
Restaurant Availability	Customers should be able to view the availability of the restaurant that the desired restaurant is available or not at that time
Customer and Rider Connection	Customer and Rider should have a connection between them in any form but the in app chat is the best option so they can communicate easily

### 3.2 Non-Functional Requirements

Requirements	Description
Security	System should always prevent the entry of any unauthorized person to avoid any sort of inconvenience
Maintainability	The system should be maintained easily and can be easily upgraded or updated
Usability	System should be easy enough to be easily used by the customer or the restaurant's employees
Reliability	System should be available and working when required with little downtime as possible
Efficiency	System should be able to process the high volume of orders efficiently

