

**SRS Report**  
**On**  
**Momo Ordering App**

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## Introduction

### 1.1 Purpose

Momo can be ordered using the Momo ordering system app. Because it makes ordering simple, expands restaurants' client base, and operates effectively, Momo's ordering app promotes restaurant growth. Users of the system can conveniently place online orders from a menu. Order processing at restaurants is handled by a straightforward interface.

### 1.2 Aim & Objective

- Create a user-friendly interface that is welcoming and simple to use so that clients can browse alternatives, choose what they want, and easily purchase momos from restaurants.
- Create a quick and straightforward process with only a few steps to make it simple for customers to place orders.
- All users are managed by Admin.
- Gather and evaluate user feedback to continuously enhance the functionality and general happiness of the app.

## 2.0 Purpose of The System

- To make it simple for consumers to quickly buy tasty momos from their preferred restaurants.
- A few taps on a smartphone are all it takes to quickly get momos in a fast and easy manner.
- To help users explore different momos options and find what suits their taste.
- To support local restaurants by connecting them with more customers through the app.
- To satisfy customers by offering a simple and pleasurable manner for them to eat their favourite momos.
  
- The application will include the following main modules:
  - ✓ Menu Browsing
  - ✓ Order Placement
  - ✓ User Accounts
  - ✓ Order Tracking
  - ✓ Payment
  - ✓ Notifications
  - ✓ Feedback and Ratings
  - ✓ Admin Management
  - ✓ Social Sharing

### 3.0 Scope of The System

The user registration process, menu browsing, order placement, payment processing, and order tracking are all included in the scope of the Momo ordering app, delivering an effective and user-friendly food ordering experience.

The scope of the Momo ordering app includes user registration, menu browsing, secure payments, order monitoring, and customer assistance. The software streamlines food ordering, saving time and effort in today's fast-paced environment. People may simply enjoy their favorite momos thanks to the app's ease of use, which reflects its significance in contemporary daily life.

## 4.0 Software Requirements

- You'll need a current smartphone running Android, a strong internet connection, and a web browser to use the Flutter project. For development, make sure Android Studio and Flutter are installed on your computer.
- It's necessary to match the Flutter and Android Studio versions. For things to go well, you'll also need to install a plugin in Android Studio that is suitable with both the Flutter and plugin versions.

### **Common Software's Required:**

- Android studio
- VS Code
- Figma and Canva (Design)
- Web Browser
- Database Servers (Fire Base)

## 5.0 Hardware Requirements

Computers and other hardware are essential for project development. They aid in writing code and running processes. It would be very difficult to complete project duties or write code effectively without them.

### **Server Requirements:**

- Processor: Dual-core or higher.
- RAM: Minimum 4 GB.
- Storage: Minimum 20 GB of available disk space.
- Operating System: Linux or Windows Server.
- Web Server: Apache, Nginx, or IIS.
- Database: firebase

### **Client Requirements:**

- Processor: Dual-core or higher.
- RAM: Minimum 2 GB.
- Display: Minimum 1366x768 resolution.
- Mobile: Latest versions and above 5.0 versions of Android and IOS.
- Internet Connection: Broadband for optimal performance.

## 6.0 Assumptions

The following are the main assumptions:

- **User Awareness:** It is expected that users are familiar with the basics of mobile app navigation and interaction.
- **Internet Accessibility:** To access and use the app, users are expected to have a reliable internet connection.
- **Device Compatibility:** For the app to operate at its best, users' devices (such as smartphones and tablets) are presumptively compatible.
- **Secure Transactions:** Using proper security and secure payment methods, the personal and financial information of users is secure.
- **Accurate User Input:** When registering and submitting orders, users are expected to supply true information.
- **Delivery providers:** Order fulfilment will likely be handled by reputable delivery providers, if appropriate.



## 7.0 Functional Requirements

- **User Sign-Up and Log-In:** Users can set up accounts with accurate information.
- **Menu Navigation:** Users can view the menu of momos that are offered.
- **Ordering Process:** Users can define quantities and choose the dishes they want.
- **Managing Carts:** Users may see what's in their shopping basket.
- **Order Confirmation:** Before checking out, users can confirm their order.
- **Processing of payments:** Users can select from a number of payment options, including digital wallets and credit/debit cards.
- **Customer profile:** Users have access to read and change the data in their profiles.
- **Feedback and Ratings:** Users can comment on the food and the whole experience and rate it.
- **Admin:** Admin can check all the details of the user.

## 8.0 Non - Functional Requirements

Non-Functional Requirements specify how the system should function rather than how the system should function.

- **Performance:** User input should be processed swiftly by the app.
- **Security:** Personal and financial information about users should be encrypted and stored safely.
- **Reliability:** The application should have 99.9% uptime.
- **Usability:** The UI should be intuitive and user-friendly.
- **Compatibility:** The app ought to function flawlessly across a variety of gadgets (including tablets and smartphones).

## 9.0 Modules

The numerous components or modules that make up the software system are described in the "Module" section of a Software Requirements Specification (SRS) document. A high-level description of the architecture and structure of the software is provided in this part.

### 9.1 User identification and management of profiles:

- Review the functionality for user registration, login, and profile management.
- Make that authentication procedures and user data storage are secure.

### 9.2 Placement of Orders and Management of Carts:

- Analyze how goods are added to the cart, quantities are changed, and items are removed.  
Dgfvs
- Verify that the contents of the cart are appropriately reflected and saved.

### 9.3 Responsiveness and Compatibility:

- Try out the app on many platforms with various screen sizes and orientations.
- Make sure the design is responsive and constant.

### 9.4 Gathering of feedback and measurements:

- Analyze the methods for gathering and utilizing user feedback.
- Analyze the tracking of performance data.

## 9.5 Admin module

- Check the administrator's account management skills.
- Determine the admin's capacity for order management and viewing.
- Examine the admin's responses to user comments and support inquiries.
- Review the admin access security procedures that are in place.
- Verify whether there is any clear documentation or administration user manuals available.

## 10. Conclusion

- The Momo Ordering App's Software Requirements Specifications offer a detailed development plan. It ensures a user-friendly, safe, and effective app in line with contemporary expectations and business objectives by covering user needs, modules, and system attributes.
- User management, menus, payments, and customer support are examples of user modules that cater to various demands.
- The SRS lays the groundwork for a cutting-edge, effective momos ordering app.

## 11. Reference

- <https://stackoverflow.com/>
- <https://www.google.com/>
- <https://docs.flutter.dev/>