

SOFTWARE REQUIREMENTS SPECIFICATION
FOR
APPLICATION FOR GROCERY DELIVERY

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1.Introduction

The Grocery Delivery Application is a web-based application that enables users to order groceries online and have them delivered to their doorstep. This SRS document provides an overview of the functionality, features, and requirements for the application.

2.System Requirements

The Grocery Delivery Application will require the following hardware and software:

A web server to host the application

A database management system to store user and product information

An internet connection for users to access the application

A computer or mobile device with a web browser to access the application

3.Functional Requirements

3.1 Registration and Login

Users can create an account with the application by providing

their personal information, including name, address, email, and phone number.

Users can log in to the application using their email and password.

3.2 Product Catalogue

The application should provide users with a list of available products, including their prices, descriptions, and images.

The application should enable users to search for specific products and filter products by category, brand, or price range.

3.3 Shopping Cart

Users can add products to their shopping cart.

Users can modify the contents of their shopping cart, including updating quantities and removing items.

Users can view the total cost of their shopping cart, including any taxes or fees.

3.4 Checkout and Payment

Users can checkout and provide their delivery address and payment information.

The application should support multiple payment options,

including credit card, debit card, and online wallets.

The application should calculate and display the final cost of the order, including any taxes or fees.

3.5 Order Tracking

Users can track the status of their orders, including order confirmation, packing, and delivery.

Users can receive notifications about the status of their orders via email or SMS.

4.Non-functional Requirements

4.1 Performance

The application should be responsive and load quickly.

The application should be able to handle a high volume of traffic and transactions.

4.2 Security

User data should be securely stored in the database.

The application should use encryption to protect sensitive user data, such as passwords and payment information.

4.3 Usability

The application should be easy to use and navigate.

The application should be accessible on different devices and web browsers.

Conclusion

The Grocery Delivery Application will provide a convenient and user-friendly way for customers to order groceries online and have them delivered to their doorstep. The application will require a web server, a database management system, and an internet connection to function. The application will have several functional requirements, including registration and login, product catalogue, shopping cart, checkout and payment, and order tracking. The application will also have non-functional requirements, including performance, security, and usability.