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# Software Requirements Specification

for

## DineRadar

Version 1.0

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# Revisions

Version	Primary Author(s)	Description of Version	Date Completed
1.0	Hriday Ranka, Raghav Agarwal, Anvay Tere	Initial version of SRS.	09/02/24



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# 1 Introduction

DineRadar is a comprehensive service, originating as a restaurant and food rating system and evolving into a multifaceted platform that seamlessly integrates various facets of modern-day living. It commenced by venturing into the realm of food delivery ensuring the convenience of enjoying restaurant-quality meals from the comfort of one's home. Expanding its horizon, DineRadar introduced a membership/subscription model, offering exclusive benefits such as free delivery and additional discounts. This strategic move not only enhanced user loyalty but also provided a unique value proposition in the competitive food delivery landscape. Further diversifying its offerings, DineRadar incorporated an instant grocery and daily essentials delivery service, aptly named RapidMart. This extension caters to the growing demand for quick and efficient access to household necessities, seamlessly integrating into users' daily lives. Acknowledging the importance of dining experiences, DineRadar introduced a dedicated subsection for real-time restaurant reservations and exclusive discounts at partnered establishments. Branded as ReservaDine, this feature elevates the platform beyond food delivery, creating a holistic dining experience for its users. In a bid to cater to varied needs, DineRadar added a courier service for small parcels, christened RapidRelay. This service allows users to have packages picked up from their location and efficiently delivered to intended recipients, adding a layer of convenience to the platform's repertoire. DineRadar, through its strategic evolution, has transformed into an all-encompassing lifestyle platform, seamlessly integrating food, groceries, dining, and courier services. Its commitment to innovation and user-centric offerings positions it as a dynamic player in the ever-evolving landscape of online services.

## 1.1 Document Purpose

This document serves as the Software Requirements Specification (SRS) for the DineRadar mobile application, version 1.0. Its purpose is to clearly outline the technical aspects of the product we aim to develop. It will detail how the initial version of the application will interact with users, hardware, software, and other interconnected systems. By specifying the requirements, technical details, and limitations of the project, this document will guide us in utilizing all factors correctly, meeting all product requirements, and delivering the best possible product to our users.

## 1.2 Product Scope

The DineRadar mobile application is conceptualized as a comprehensive platform offering users a diverse array of dining experiences, culinary delights, and convenience services. It encompasses features such as user profiles, restaurant discovery, search functionality, personalized recommendations, reservation management, secure payment processing, and customer support. Users can personalize their dining journey by creating profiles, exploring a curated selection of restaurants and cuisines, receiving tailored recommendations based on their preferences, managing reservations, securely completing transactions, and accessing customer support when needed. Moreover, the application facilitates user



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engagement through features like restaurant reviews, ratings, and social sharing, enhancing overall satisfaction and dining experiences.

### **1.3 Intended Audience and Document Overview**

This document is organized in a structured manner to provide a comprehensive overview of the DineRadar mobile application project. It begins with a brief abstract that introduces the project's theme and sets the tone for the subsequent sections. Following that, it describes the characteristics of the application and introduces the issue statement. The document then provides an overview of the project's users, environment, and constraints. It further elaborates on the different interfaces and project requirements. The intended audience for this document includes developers, testers, technical personnel, and project stakeholders involved in the development, testing, and deployment of the DineRadar mobile application. It aims to provide clear and concise information about the application's functionality, requirements, and technical specifications to facilitate the development process and ensure the successful delivery of the product.

### **1.4 Definitions, Acronyms and Abbreviations**

- AES - Advanced Encryption Standard
- API - Application Programming Interface
- FTP - File Transfer Protocol
- GPU - Graphics Processing Unit
- GPS - Global Positioning System
- GUI - Graphical User Interface
- HTTP - Hypertext Transfer Protocol
- JSON - JavaScript Object Notation
- RAM - Random Access Memory
- SQL - Structured Query Language
- SSD - Solid State Drive
- SRS - Software Requirements Specification
- SSL - Secure Sockets Layer
- TLS - Transport Layer Security
- UI - User Interface
- URL - Uniform Resource Locator
- XML - Extensible Markup Language



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## 1.5 Document Conventions

The following conventions were followed while creating the document:

- We have used the IEEE standards for document formatting. Academic Year: 2023\_24

Overall Description:

- The font used is Arial, font size for title is 14 and font size for text is 12.
- Italics have been used for comments.
- 1" margin has been maintained throughout the document.
- The text is single spaced.

## 1.6 References and Acknowledgments

These are some of the references:

1. Swiggy's official website: [Swiggy](#)
2. Zomato's official website: [Zomato](#)
3. Google Material Design for e-commerce: [Material Design](#)
4. IEEE Xplore: [IEEE Xplore](#)



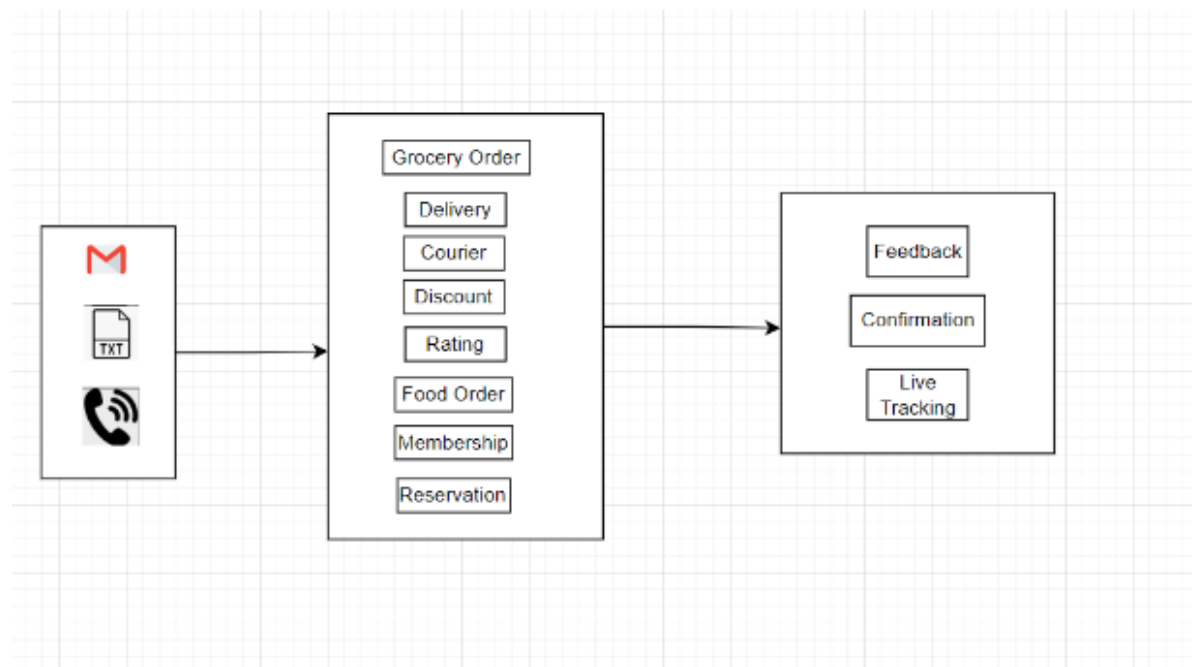
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## 2 Overall Description

### 2.1 Product Perspective

DineRadar is envisioned as a revolutionary platform that seamlessly integrates various facets of dining and lifestyle experiences, catering to the needs of modern-day food enthusiasts. It represents a new, self-contained product designed to provide users with comprehensive dining solutions, ranging from restaurant discovery to instant food delivery and beyond. The application serves as a one-stop destination for users seeking diverse dining experiences, culinary delights, and convenience services.

Below is a general diagram illustrating the major components of the DineRadar system and how it interacts with its environment:



The DineRadar application interacts with various external interfaces, including user devices (smartphones, tablets, etc.), restaurant databases, payment gateways, and delivery services. User interaction points encompass features such as user profiles, restaurant discovery, personalized recommendations, reservation management, secure payment processing, and customer support.

This diagram illustrates the interconnectedness of DineRadar with its environment, emphasizing its role as a central platform for users to engage with dining experiences and convenience services seamlessly.



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## 2.2 Product Functionality

- Restaurant Discovery: Users can discover a diverse range of restaurants based on various criteria such as cuisine type, location, and ratings.
- Food Ordering: Users can place orders for food from partnered restaurants for delivery or pickup, selecting dishes from menus and customizing their orders as needed.
- Membership Management: Users can manage their membership or subscription plans, accessing benefits such as free delivery and exclusive discounts.
- Grocery and Essentials Delivery: Users can order groceries and daily essentials for delivery, selecting items from a curated selection and scheduling delivery times.
- Restaurant Reservations: Users can make real-time reservations at restaurants, selecting desired dates, times, and party sizes, and receiving confirmation details.
- Courier Service: Users can request pickup and delivery of small parcels or items, providing pickup and delivery locations and tracking the status of their shipments.
- User Profiles: Users can create and manage profiles, customizing preferences, saving favorite restaurants and dishes, and viewing order history.
- Secure Payment Processing: The app supports secure payment processing for orders and transactions, offering various payment methods such as credit/debit cards, digital wallets, and net banking.
- Customer Support: Users can access customer support for assistance with orders, account management, or general inquiries, communicating through various channels such as chat, email, or phone.

## 2.3 Users and Characteristics

### 1. Regular Users:

- Characteristics: These users utilize DineRadar frequently for various purposes such as browsing restaurants, placing food orders, making reservations, and managing their profiles.
- Usage Frequency: High, as they rely on the app for their dining and lifestyle needs on a regular basis.
- Technical Expertise: Moderate to low technical expertise required, as the app aims to be user-friendly and intuitive.
- Security/Privilege Levels: Standard access levels, with no special privileges beyond basic user functionalities.
- Importance: Most important users, as they form the core user base and drive the app's daily usage and engagement.

### 2. Occasional Users:

- Characteristics: These users use DineRadar sporadically, mainly for specific purposes such as making reservations for special occasions or ordering food for occasional treats.
- Usage Frequency: Moderate to low, depending on their dining habits and needs.
- Technical Expertise: Similar to regular users, with moderate to low technical expertise required for navigation and usage.





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- Security/Privilege Levels: Standard access levels, similar to regular users.
- Importance: Less important compared to regular users but still significant in contributing to the overall user base and app usage.

**3. Administrators/Managers:**

- Characteristics: These users have administrative privileges and are responsible for managing aspects of the DineRadar platform, such as restaurant partnerships, membership programs, and customer support.
- Usage Frequency: Moderate, as they perform administrative tasks periodically to maintain and optimize the platform.
- Technical Expertise: Higher technical expertise required, as they may need to manage backend systems and databases.
- Security/Privilege Levels: Elevated access levels with administrative privileges to manage and oversee various aspects of the platform.
- Importance: Crucial for the smooth operation and management of the DineRadar platform, ensuring its functionality and efficiency.

**Importance of Users:**

Regular users are the most important users for DineRadar, as they form the core user base and drive the app's daily usage and engagement. They are also most likely to have memberships. Their satisfaction and continued usage are essential for the success and sustainability of the platform. Occasional users and administrators/managers are also significant but hold comparatively less importance in terms of daily usage and overall user engagement. However, their satisfaction and effective management are still crucial for the overall functionality and success of DineRadar.

## **2.4 Operating Environment**

**Environment:**

DineRadar operates within a versatile environment, compatible with various hardware platforms, operating systems, and web browsers to ensure widespread accessibility and seamless performance across different devices.

- **Hardware Platform:** DineRadar is designed to operate on standard computing devices such as smartphones, tablets, laptops, and desktop computers, ensuring accessibility across a wide range of hardware platforms.
- **Operating Systems:** Compatible with popular operating systems including but not limited to: Android (versions X.X and above), iOS (versions X.X and above), Windows (versions X and above), macOS (versions X and above), Linux (various distributions), Others (e.g., iPadOS, Wear OS, watchOS)
- **Web Browsers:** Optimized for use on major web browsers such as: Google Chrome, Mozilla Firefox, Apple Safari, Microsoft Edge, Brave, Others with modern standards-compliant rendering engines





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## **2.5 Design and Implementation Constraints**

Constraints for DineRadar:

1. **Hardware Limitations:** The application must be optimized to run efficiently on a variety of devices with varying hardware specifications, including smartphones, tablets, and computers, to ensure a consistent user experience across platforms.
2. **Integration with External Services:** DineRadar's functionality relies on seamless integration with external services such as restaurant databases, payment gateways, and courier services. Compatibility and reliability of these services impose constraints on the development process.
3. **Security Considerations:** Ensuring the security of user data, payment transactions, and communication channels is paramount. Compliance with industry standards and regulations, as well as implementing robust encryption and authentication mechanisms, are essential constraints that must be addressed.
4. **Performance Optimization:** The application must be optimized for performance to handle high volumes of traffic during peak usage times, ensuring responsiveness and minimal downtime. This constraint requires careful consideration of factors such as server scalability, database optimization, and efficient code architecture.
5. **User Accessibility:** DineRadar should be designed to be accessible to users with disabilities, adhering to accessibility standards and guidelines. This constraint includes considerations for features such as screen reader compatibility, keyboard navigation, and alternative text for visual elements, ensuring inclusivity for all users.
6. **Data Handling and Storage:** Efficient handling and storage of large volumes of data, including restaurant information, user profiles, and transaction history, impose constraints on database design and management. Scalability and data integrity must be ensured to accommodate growth and maintain system performance.

These constraints shape the development process and influence decisions regarding technology selection, architecture design, and implementation strategies for DineRadar. Addressing these constraints effectively is crucial for delivering a robust, secure, and user-friendly application that meets the needs of its users and stakeholders.



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## 2.6 User Documentation

For DineRadar, the user documentation will include a comprehensive user manual detailing the features and functionalities of the application, along with guidelines for navigating and utilizing the software effectively. Additionally, an online help system will be provided within the app, offering contextual assistance and tutorials to guide users through various tasks and workflows. A detailed FAQ section will also be available for quick reference and troubleshooting common issues. Users will have access to a dedicated "Contact Us" feature, allowing them to easily reach customer support representatives for assistance with any inquiries, concerns, or technical issues they may encounter while using the DineRadar platform.

## 2.7 Assumptions and Dependencies

1. Restaurant Partnerships: The assumption that DineRadar will be able to establish partnerships with a wide range of restaurants and food providers is crucial. If this assumption proves incorrect or if there are limitations in securing partnerships, it could impact the variety and availability of dining options offered through the platform, affecting user satisfaction and retention.
2. Integration with Third-Party Services: Assumptions regarding the seamless integration with third-party services such as payment gateways, courier services, and restaurant reservation systems are significant. Any issues or limitations in these integrations could disrupt the functionality of DineRadar, affecting user experience and business operations.
3. User Adoption and Engagement: Assumptions about user adoption rates, engagement levels, and retention rates are essential. If these assumptions are inaccurate, it could impact the growth and success of DineRadar, affecting revenue generation and long-term viability.
4. Data Privacy and Security: The assumption that DineRadar will effectively address data privacy and security concerns is critical. Any breaches or vulnerabilities in the system could lead to loss of user trust, legal repercussions, and damage to the brand's reputation.
5. Market Trends and Competitor Landscape: Assumptions about market trends, competitor actions, and industry dynamics are significant factors. Incorrect assumptions in these areas could lead to misalignment with user expectations, missed opportunities, or being outpaced by competitors, affecting the overall success of DineRadar in the market.



## 3 Specific Requirements

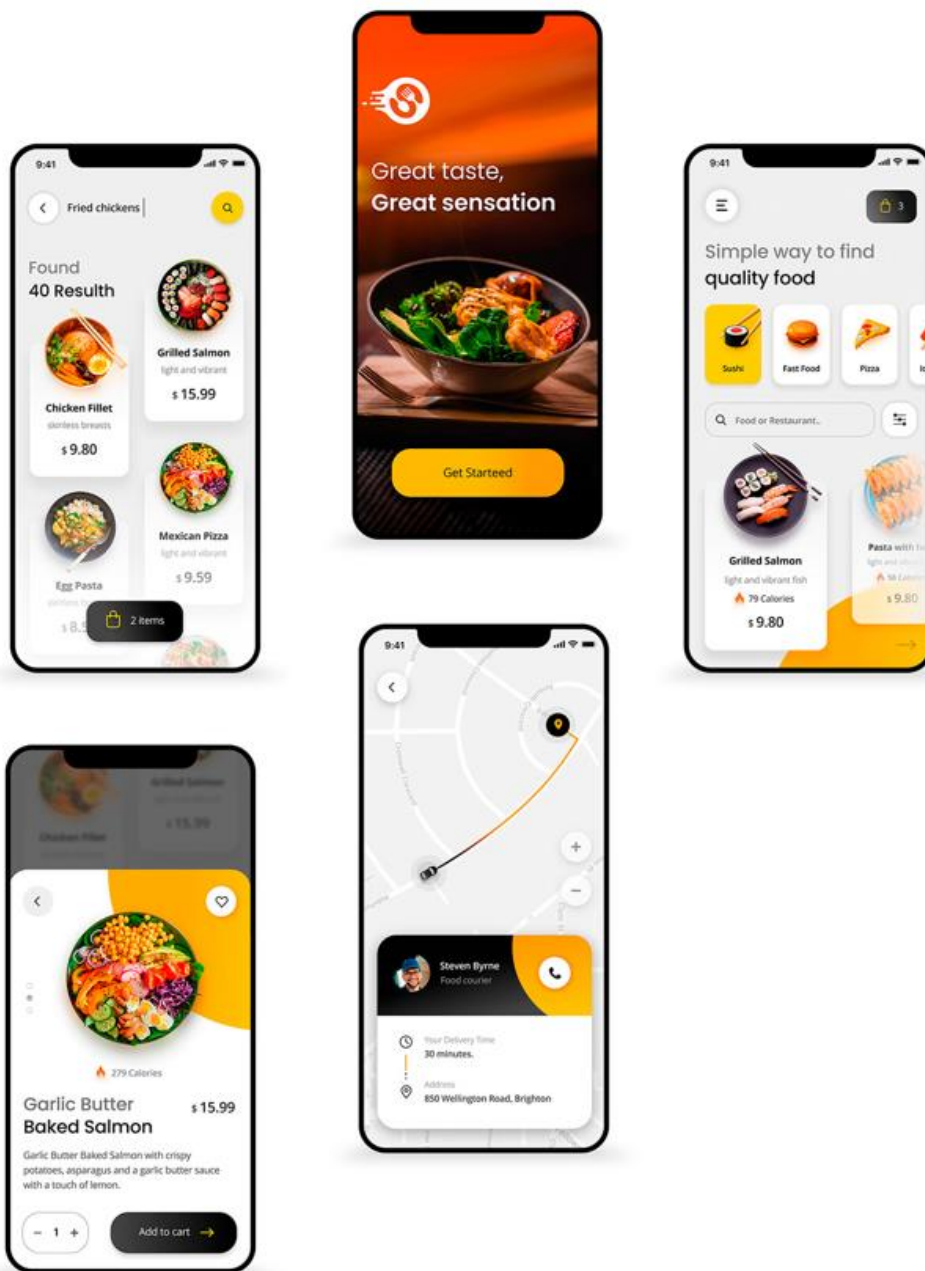
### 3.1 External Interface Requirements

#### 3.1.1 User Interfaces

1. Home Screen: The home screen serves as the central hub for users, providing quick access to key functionalities such as restaurant discovery, food ordering, reservations, and membership management. It may feature personalized recommendations, trending restaurants, and promotions to enhance user engagement.
2. Restaurant Listings: Users can explore a curated selection of restaurants based on various criteria such as cuisine type, location, ratings, and availability. Each listing includes essential information such as restaurant name, cuisine, location, ratings, reviews, and available services (delivery, pickup, reservations).
3. Menu and Ordering: When users select a restaurant, they are presented with the menu showcasing available dishes, along with detailed descriptions, prices, and customization options. Users can add items to their cart, customize orders (e.g., special instructions), and proceed to checkout for payment.
4. Reservation Management: Users can view available reservation slots at restaurants, select desired dates and times, specify party sizes, and confirm bookings. They can also manage existing reservations, modify booking details, or cancel reservations if needed.
5. Membership Management: For users subscribed to membership plans, a dedicated interface allows them to view plan details, benefits, and subscription status. Users can manage their membership settings, renew subscriptions, or upgrade/downgrade plans as necessary.
6. Profile Settings: Users can create and manage their profiles, updating personal information, delivery addresses, payment methods, and communication preferences. They can also view order history, track deliveries, and access customer support options.
7. Checkout and Payment: The checkout process includes a summary of the order, delivery/pickup details, and total cost. Users can choose from various payment options (credit/debit cards, digital wallets, cash on delivery) and complete transactions securely.
8. Customer Support: Accessible from various sections of the app, the customer support interface allows users to seek assistance, report issues, provide feedback, or contact support representatives via chat, email, or phone.



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### 3.1.2 Hardware Interfaces

Server:

- RAM: 8GB
- Storage: 1 TB SSD
- Processor: Intel Pentium 4 processor or later that's SSE2 capable
- GPU: Nvidia GTX 1050

User Device:

- RAM: 6 GB



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- Storage: 128 GB Storage
- GPS Sensor

#### **Server Interface:**

The server interface for DineRadar facilitates communication between the software application and the server hardware. It manages data storage, retrieval, and processing, ensuring efficient handling of user requests and interactions. The server must meet the specified hardware requirements, including sufficient RAM, storage, and processing capabilities, to support the application's functionalities and accommodate potential scalability needs. The interface may utilize standard protocols for communication, such as HTTP or HTTPS, to ensure secure data transmission between the software and server components.

#### **User Device Interface:**

The user device interface of DineRadar enables interaction between the software application and various user devices, including smartphones, tablets, laptops, and desktop computers. It ensures compatibility with different device types and operating systems, allowing users to access the application seamlessly across multiple platforms. The interface leverages device-specific features such as touchscreens, sensors (e.g., GPS), and hardware components to provide a rich and interactive user experience. DineRadar may utilize platform-specific development frameworks or libraries, such as React Native or Flutter, to build native or cross-platform applications optimized for different device environments. Additionally, the interface may incorporate standard communication protocols, such as TCP/IP or Bluetooth, to enable data exchange between the software and user devices.

### **3.1.3 Software Interfaces**

DineRadar is designed to be compatible with a variety of operating systems to ensure widespread accessibility across different devices and platforms. Supported operating systems include:

- Windows
- MacOS
- iOS
- Android
- Linux

The interface with the operating system is crucial for DineRadar to ensure seamless compatibility and functionality across different platforms. By supporting a wide range of operating systems, including Windows, MacOS, iOS, Android, and Linux, DineRadar aims to reach a diverse user base and provide a consistent user experience regardless of the device or platform used. The software components of DineRadar interact with the underlying operating system to access system resources, manage user interface elements, and perform platform-specific tasks such as file operations, network communication, and device integration. This interface allows DineRadar to leverage the capabilities and features of each supported operating system, enabling optimal performance and usability for users across various devices and environments.





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### 3.1.4 Communications Interfaces

DineRadar relies on efficient communication protocols to facilitate seamless interaction between the software components, user devices, and external services. The application utilizes HTTP protocols for servicing requests and transmitting data, typically in JSON format, to ensure compatibility and interoperability across different platforms and systems. This enables secure and reliable communication between the client-side application and the server-side infrastructure, allowing for the exchange of information related to user requests, restaurant data, orders, and reservations.

To ensure data security during transmission, DineRadar implements encryption using the AES (Advanced Encryption Standard) protocol to protect sensitive information from unauthorized access or interception. By encrypting data before transmission, DineRadar enhances the confidentiality and integrity of user data, mitigating the risks associated with potential security threats or breaches. Additionally, the application may incorporate mechanisms for data synchronization to maintain consistency across distributed systems and ensure real-time updates and access to the latest information for users and stakeholders.

## 3.2 Functional Requirements

### 1. User Authentication:

- **Login/Signup:** Users can register for a new account or log in to an existing account to access DineRadar's features. The system securely stores and manages user credentials, ensuring data confidentiality and integrity.

### 2. Restaurant and Food Services:

- **Restaurant Search:** Users can search for restaurants based on various criteria such as cuisine, location, ratings, and services offered (delivery, pickup, reservations).
- **Menu Exploration:** Users can view restaurant menus, including dish descriptions, prices, and customization options.
- **Order Placement:** Users can add items to their cart, customize orders, and place food orders for delivery or pickup.
- **Reservation Management:** Users can view available reservation slots at restaurants, make reservations, modify bookings, or cancel reservations as needed.

### 3. Membership Management:

- **Subscription:** Users can subscribe to membership plans offering benefits such as free delivery and discounts on orders.
- **Membership Settings:** Users can manage their membership settings, including subscription renewal, plan upgrades/downgrades, and payment information.



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#### 4. Grocery and Essentials Delivery:

- **Product Browsing:** Users can browse a selection of groceries and daily essentials available for delivery.
- **Order Placement:** Users can add grocery items to their cart, specify quantities, and place orders for home delivery.

#### 5. Courier Services:

- **Parcel Booking:** Users can schedule pickups for small parcels and packages to be delivered to designated recipients.
- **Delivery Tracking:** Users can track the status of their parcel deliveries in real-time, receiving updates on pickup, transit, and delivery.

#### 6. Reservation and Delivery Status:

- **Order Tracking:** Users can track the status of their restaurant orders, grocery deliveries, and parcel bookings, receiving notifications and updates throughout the process.

#### 7. User Profile Management:

- **Profile Settings:** Users can update personal information, delivery addresses, payment methods, and communication preferences in their user profiles.
- **Order History:** Users can view past orders, reservations, and parcel deliveries in their order history.

#### 8. Customer Support:

- **Contact Support:** Users can access customer support options, including live chat, email, or phone support, to seek assistance, report issues, or provide feedback.

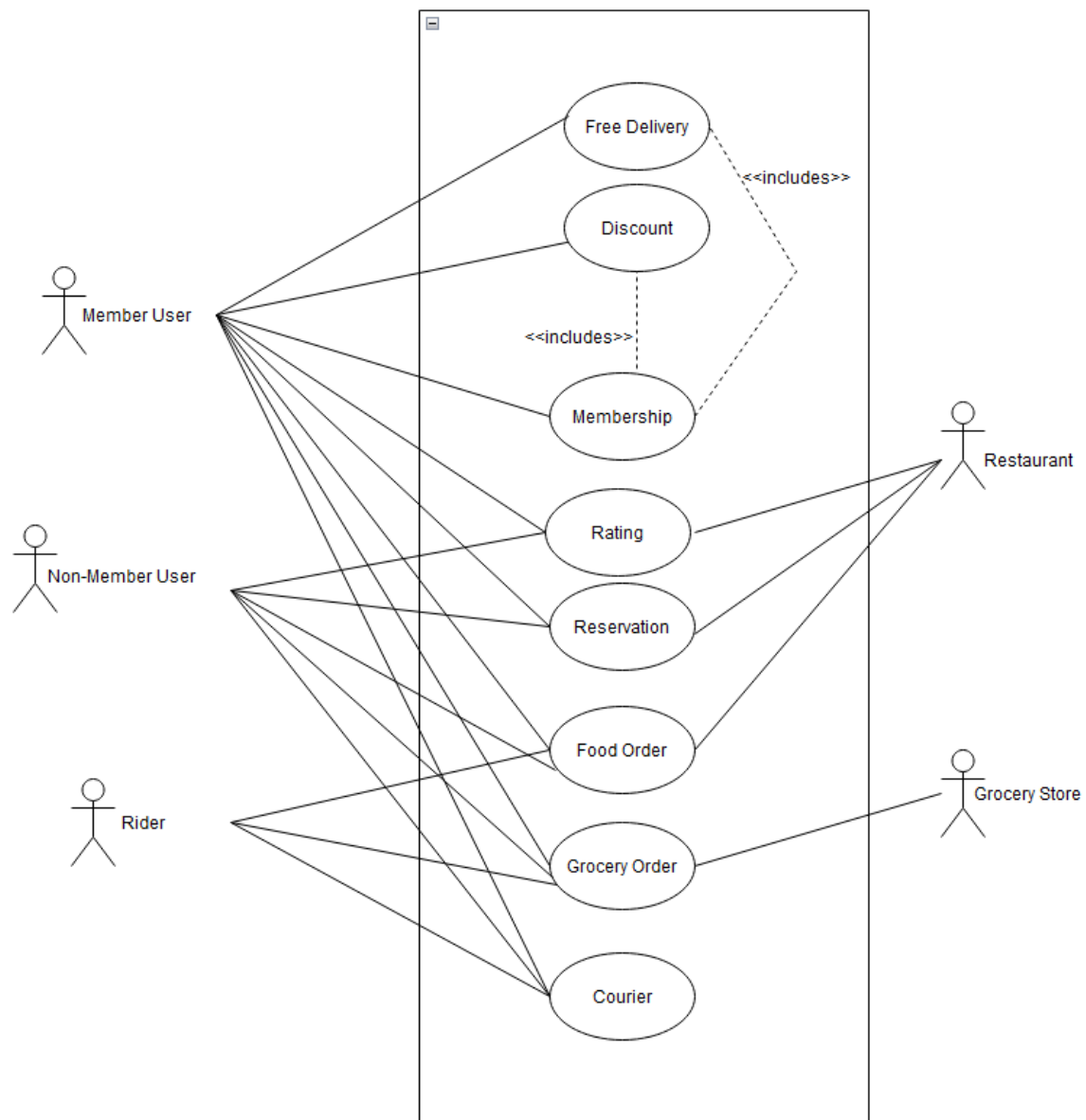
These functional requirements cover the core operations and features of DineRadar, ensuring a comprehensive and user-friendly experience for its users across different use cases and scenarios.



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### 3.3 Behaviour Requirements

#### 3.3.1 Use Case View





## 4 Other Non-functional Requirements

### 4.1 Performance Requirements

**1. Response Time:**

- Any user action within the application, such as browsing menus, placing orders, or making reservations, should result in a response time of less than 3 seconds to ensure a smooth and seamless user experience.

**2. Order Processing Time:**

- The time taken to process and confirm food orders should not exceed 5 seconds, including order validation, payment processing, and confirmation to the user.

**3. Reservation Confirmation Time:**

- Users should receive confirmation of restaurant reservations within 10 seconds of submitting their reservation requests to minimize wait times and ensure timely bookings.

**4. Delivery Tracking Update Frequency:**

- Users should receive real-time updates on the status of their food deliveries and parcel bookings with a minimum update frequency of every 30 seconds to track the progress accurately.

**5. Customer Support Response Time:**

- Customer support inquiries and issues reported by users should be acknowledged and addressed within 24 hours to provide timely assistance and resolution to users' concerns.

### 4.2 Safety and Security Requirements

#### Safety Requirements:

**1. Food Safety Compliance:**

- DineRadar must ensure that all partner restaurants comply with food safety regulations and standards to prevent any potential risks to users' health. Regular inspections and audits of partner establishments should be conducted to verify compliance.

**2. Delivery Safety Protocols:**

- DineRadar should establish safety protocols for food delivery and parcel services to minimize the risk of accidents or harm during transportation. This may include guidelines for safe handling of food items, secure packaging practices, and driver safety training.

**3. Data Privacy Protection:**

- DineRadar must implement robust measures to protect user data privacy and confidentiality, adhering to relevant data protection laws and regulations such as GDPR (General Data Protection Regulation). This includes encryption of sensitive information, secure storage practices, and user consent mechanisms for data processing.



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## Security Requirements:

### 1. Authentication and Authorization:

- Implement strong authentication mechanisms, including multi-factor authentication, to ensure that only authorized users can access the application and its features.

### 2. Secure Data Transmission:

- Use encryption protocols such as TLS (Transport Layer Security) to secure data transmission between the client application and server, preventing interception or tampering of sensitive information during transit.

### 3. Secure Payment Processing:

- Ensure that all payment transactions within DineRadar are processed securely, following PCI DSS (Payment Card Industry Data Security Standard) compliance standards to protect users' payment card information from unauthorized access or fraud.

### 4. Regular Security Updates:

- Keep the DineRadar application and its underlying infrastructure updated with the latest security patches and fixes to address any potential vulnerabilities and protect against security threats.

### 5. Security Audits and Testing:

- Conduct regular security audits and penetration testing to identify and remediate security vulnerabilities proactively, ensuring the integrity and resilience of the application against potential cyber threats.

## 4.3 Software Quality Attributes

### 4.3.1 Reliability:

- **High Availability:** DineRadar should strive for a minimum uptime of 99.9%, ensuring that the service is consistently available to users without significant downtime or interruptions.
- **Accurate Data:** The information provided by DineRadar, including restaurant listings, menu details, and delivery status, should be accurate and reliable, with a maximum error rate of 1% to maintain user trust and satisfaction.

### 4.3.2 Usability:

- **Intuitive User Interface:** DineRadar should prioritize ease of use and intuitive design, ensuring that users can navigate the application effortlessly and perform tasks such as ordering food, making reservations, and tracking deliveries without extensive training.
- **Accessible Design:** The application should adhere to accessibility standards such as WCAG (Web Content Accessibility Guidelines), ensuring that users with disabilities can access and use DineRadar's features effectively.



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#### 4.3.3 Security:

- **Data Protection:** DineRadar must implement robust security measures to protect user data from unauthorized access, tampering, or data breaches. This includes encryption of sensitive information, secure storage practices, and access controls to ensure data confidentiality and integrity.
- **Secure Payment Processing:** Ensure that all payment transactions within DineRadar are processed securely, following PCI DSS compliance standards to protect users' payment card information from fraud and theft.

#### 4.3.4 Maintainability:

- **Modular Design:** DineRadar should adopt a modular architecture that allows for easy maintenance and updates. Components should be loosely coupled, facilitating independent development, testing, and deployment of new features or bug fixes.
- **Documentation:** Provide comprehensive documentation for developers, including code comments, architecture diagrams, and API documentation, to facilitate understanding and maintenance of the system over time.

#### 4.3.5 Performance:

- **Optimized Response Time:** DineRadar should aim for a maximum response time of 2 seconds for key user interactions such as searching for restaurants, placing orders, and making reservations, to ensure a smooth and responsive user experience.
- **Scalability:** The application should be designed to scale horizontally and vertically to accommodate increasing user traffic and load demands without sacrificing performance or reliability.



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## Appendix A – Data Dictionary

Field Name	Data Type	Field Size	Description	Example
user_id	Integer	10	Unique identifier for users	12345
username	String	20	User's username	user123
password	String	20	User's password	*****
email	String	30	User's email address	user@example.com
role	String	15	User's role (e.g., customer, admin)	customer
address	String	50	User's postal address	123 Main St, City, Country
phone_number	String	15	User's phone number	+1234567890
membership	Boolean	1	Flag indicating if user has membership	true
delivery_pref	String	20	User's preferred delivery location	Home
cuisine_pref	List	30	User's preferred cuisines	[Italian, Chinese]
subscription	Boolean	1	Flag indicating if user has subscription	false
reservation	Boolean	1	Flag indicating if user has reservation	true
order_status	String	20	Status of user's food order	Delivered
payment_status	String	20	Status of user's payment	Completed
parcel_status	String	20	Status of user's parcel delivery	In transit
rating	Integer	5	User's rating for restaurants	4
review	String	100	User's review for restaurants	Great food and service!
reservation_id	Integer	10	Unique identifier for reservations	98765
order_id	Integer	10	Unique identifier for food orders	123456
parcel_id	Integer	10	Unique identifier for parcel delivery	54321



**SHRI VILEPARLE KELAVANI MANDAL'S  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**  
(Autonomous College Affiliated to the University of Mumbai)  
NAAC ACCREDITED with "A" GRADE (CGPA : 3.18)



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restaurant_id	Integer	10	Unique identifier for restaurants	67890
cuisine_type	String	20	Cuisine type of restaurant	Italian
menu_item	String	30	Food item ordered by user	Pizza
delivery_time	Time	10	Estimated delivery time for food orders	19:00
delivery_date	Date	10	Estimated delivery date for food orders	2024-01-28
parcel_type	String	20	Type of parcel being delivered	Small
parcel_weight	Float	5	Weight of parcel being delivered (in kg)	1.5
reservation_time	Time	10	Reservation time at restaurant	20:00
reservation_date	Date	10	Reservation date at restaurant	2024-02-01
coupon_code	String	10	Coupon code applied for discounts	SAVE10
payment_method	String	15	Payment method used for transaction	Credit Card
payment_amount	Float	10	Amount paid by user	50.00
feedback	String	100	User's feedback on service	Excellent service! Will order again.



Academic Year: 2023\_24

## Appendix B - Group Log

Date	Actors	Work Done
07/02/2024	Hriday	Analysed Requirements
07/02/2024	Raghav	Analysed Requirements
07/02/2024	Anvay	Analysed Requirements
07/02/2024	Hriday	Prepared SRS
07/02/2024	Raghav	Prepared SRS
07/02/2024	Anvay	Prepared SRS
09/02/2024	Raghav	Prepared SRS
09/02/2024	Anvay	Prepared SRS