



Systems Analysis and Design

Phase 2 Use Case Narratives

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Non-Functional requirements

Category	Description	Use Cases	Justification
Performance and scalability	Responsive Time	All use cases	The application should load in less than 1 minute when the total number of users reaches 100,000, all logging in simultaneously using the app.
Performance	Transaction Response Time	Place Order	Order confirmation must be sent within 2 seconds of payment.
Availability and reliability	Available Platform	All use cases	The application should be accessible to users with 99% uptime, allowing for monthly maintenance downtimes.
Implementation Details	Algorithm	All use cases	The application should display search results according to the closest location from the user.
Accessibility	User Interface	All use cases	The GUI and interface should meet and adhere to the WCAG Guidelines.
Recovery	Failure and Repair	All use cases	The application should be able to function within a couple of hours in the event of an incident causing downtime.
Legal and compliance	Documentation	All use cases	All restaurants displayed on the application should be licensed and have the necessary documentation to operate legally.
Security	Data Collection	All use cases	The application must comply with GDPR data collection standards.
Usability	Third-Party Usage	All use cases	The application will use third-party systems to enhance the user interface experience.
Robustness	Service Quality	All use cases	The system should be able to handle 50,000,000 simultaneous logins without failure.