Requirement Gathering Report

Bar App – Group 17

Mobile Application Development

INTE-22283

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Introduction

  The project's primary goal is to develop a mobile app for a bar that facilitates drink ordering and availability checking for customers. This report outlines the detailed requirements for the ordering and availability checking features.

Project Scope

The project focuses on providing customers with a user-friendly interface to order drinks and check their availability within the bar.

Stakeholders

Bar owners

Customers

App development team

User Stories/Use Cases

  Customers can browse the drink menu, select drinks, and place orders.

  Customers can check the availability status of specific drinks.

  Customers can modify or cancel their orders.

  Customers can view their order history.

Functional Requirements

User registration and authentication:

Customers should be able to create accounts or log in using email or social media accounts.

Drink menu with availability status:

The app should display a list of available drinks with real-time availability status.

Ordering process:

Customers should be able to select drinks, add them to their cart, and proceed to payment.

Order tracking and status updates:

Customers should receive real-time updates on the status of their orders, from preparation to delivery.

Non-Functional Requirements

Performance:

The app should ensure quick order processing and response times.

Security:

Implement secure payment processing and user data protection.

Usability:

The app should have an intuitive and user-friendly design.

Data Requirements

User profiles: Store user account information and order history.

Drink menus: Maintain an up-to-date menu with drink availability status.

Order history: Store past order details for customers.

Constraints

Budget constraints for development.

Platform-specific requirements (iOS and Android).

Assumptions

Customers have smartphones with internet access.

Payment gateways will be integrated for transaction processing.

Dependencies

Integration with payment gateways for processing transactions.

Risks and Mitigations

Risk: Technical challenges in real-time drink availability updates.

Mitigation: Collaborate closely with the bar to ensure seamless integration.

Approval

This requirement gathering report should be reviewed and approved by all stakeholders before proceeding with development.

Appendix

Include wireframes and mockups illustrating the user interface and ordering process.