Project Identification

Project:	Barber Shop Management System
Prepared By:	Team 23
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Contributors
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Distribution
This document is distributed to all the following people.

Name	Title
Anjana Shah	*Capstone Project Advisor and Instructor*

Referenced Documents
This document refers to the following materials

Version number	Title	Author	Date	Source / Location
0.1	*Project Summary*	Team 23	September 30, 2023	F23_T23_Project Summary.docx
0.1	*Project Vision*	Team 23	September 30, 2023	F23_T23_Project Vision.docx
0.1	*Personas and User Stories*	Team 23	September 30, 2023	F23_T23_Personas.docx

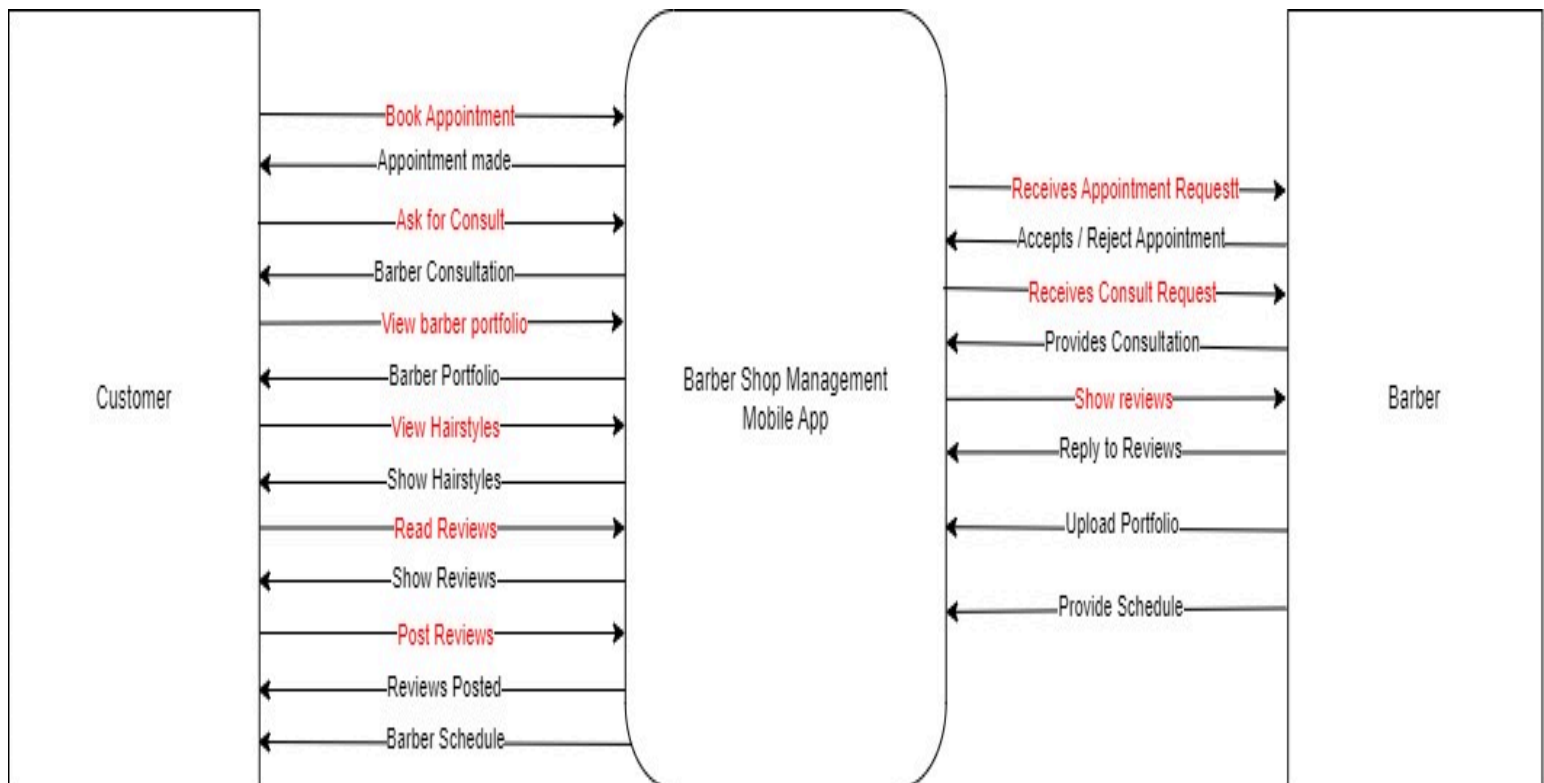**HIGH LEVEL REQUIREMENTS** Barber Shop Management System

Revision History

Version Number	Revision Date	Summary of Changes	Modified by

[Note: It is recommended that drafts be numbered 0.1 to 0.9, and that the first approved version be numbered 1.0. Thereafter, new version numbers will depend upon changes: 1.01, 1.1, etc for minor updates, 2.0, 3.0 etc for major changes.]

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1. Business Context Diagram

Requirement Scope Area	Description
Online Booking System	Pertains to the implementation of an online booking system within the mobile app. Customers will be able to schedule appointments with their preferred barbers, select service options, choose appointment times, and receive confirmation notifications through the app.
Barber Consultation Feature	Focuses on the integration of a real-time barber consultation feature in the mobile app. Customers will have the ability to interact with the shop's barbers, seek advice on hairstyles, grooming, and related services, and receive personalized guidance through virtual consultations.
Structured Feedback and Review System	Involves the development of a structured feedback and review system within the mobile app. It enables customers to provide feedback, ratings, and reviews after their appointments, facilitating improved service quality and reputation management for the barber shop.
Barber Portfolio Showcase	Dedicated to the implementation of a barber portfolio showcase within the mobile app. It allows individual barbers to display their skills, specialties, work samples, pricing, and availability, providing customers with insights to make informed choices when selecting a barber.
Push Notifications	Includes the integration of push notification functionality in the mobile app. The app will send appointment reminders, updates, and promotional offers directly to users' mobile devices, enhancing customer engagement, and retention.
Geolocation Services	Focuses on the integration of geolocation services within the app. Users will be able to find the barber shop based on their current location, enhancing convenience and accessibility.
Data Analytics	Involves the collection and analysis of data related to user behavior, preferences, and feedback. Data-driven insights will guide decision-making and continuous improvement efforts, enhancing the overall performance of the barber shop.

External Entity	Description

Customers	Interact with the mobile app. They use the app to book appointments, engage in barber consultations, provide feedback and reviews, and access information about Central Studios' services and barbers.
Barbers	Actively use the mobile app as part of their daily operations. They manage their schedules, conduct consultations, and update their portfolios through the app.
App Store Operators	Where the mobile app will be published. They play a crucial role in distributing the app to the public and ensuring it complies with app store guidelines.

Information Flows	Description
Customer Appointment Requests	Involves customers using the mobile app to submit appointment requests to the barber shop. Customers provide details such as preferred date and time, service selection, and barber preference. The information is transmitted from the app to the barber shop's scheduling system for processing and confirmation.
Barber Availability Updates	Barbers update their availability status through the mobile app. This information flow ensures that customers can view the real-time availability of each barber and make informed booking decisions. The app conveys these updates to customers as they browse barber profiles.
Barber Consultation Chats	When customers engage in virtual consultations with barbers through the app, this information flow facilitates real-time messaging. Messages exchanged between customers and barbers are transmitted securely within the app, allowing customers to seek advice and guidance on grooming and styling.
Customer Feedback Submission	Enables customers to submit structured feedback and reviews through the mobile app. Customers can rate their appointments, provide comments, and offer suggestions for improvement. The feedback is transmitted to the barber shop's feedback management system for analysis and response.
Push Notifications	Push notifications are sent from the app to customers and barbers. These notifications include appointment reminders, updates on booking status, promotional offers, and important announcements. This information flow keeps users informed and engaged with the barber shop.
Geolocation Services	Help users find the barber shop based on their current location. The app uses this information flow to determine

	proximity and provide directions, enhancing user convenience and accessibility.
Data Analytics and Reporting	Collect and analyze user data, including behavior, preferences, and feedback. This information flow supports data-driven decision-making within the barber shop. Insights are used to refine services, optimize operations, and improve the overall customer experience.

2. Requirements Scope Statements

HLR#	Description	Priority (H, M, L)
HLR01	Online Booking System	H
HLR02	Barber Consultation Feature	H
HLR03	Structured Feedback and Review System	M
HLR04	Barber Portfolio Showcase	M
HLR05	Push Notifications	H
HLR06	Geolocation Services	M
HLR07	Data Analytics and Reporting	H

3. High Level Business Requirements Sign-Off

The undersigned acknowledge their agreement with the contents of Version 0.1 of the High-Level Requirements document for Barber Shop Management System.

Following approval of this document, requirements changes will be governed by the project's change management process, including impact analysis and appropriate reviews and approvals, under the general control of the Project Plan and according to company policy. Approved Change Request Documents, if present, will be attached to this Requirements Document as updates.

Name	Project Role and Functional Area	Date Signed

* Note: physical signatures are not required. Email approvals are acceptable and should be appended to project documents.