Course Code: CSE 438 – 01

Course Title: Smartphone Application Development

SRS Report of Barber Booking App

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Software Requirements Specification (SRS) Documentation:

1. Introduction	
1.1 Purpose	The purpose of this documentation is create a barber booking app by which users of this app will able to book their favorite barber from anywhere. It will able to reduce wasting time by sitting salon for waiting.
1.2 Intended Audience	All type of male people can be a user of this app.
1.3 Project Scope	The main purpose of building this app is reduce time wasting by waiting in the salon. However, this is not the only purpose. By using this app, users will get the chance to choose their favorite or preferable barber to get services. User will book their service from anywhere. This app will be beneficial to both client and barber and it will help to manage the whole management more efficiently.

2. Overall Description	
2.1 Product Perspective	This app will store different types of details regarding barber-booking system. For example: • The details of barbers, service details, available time, service price • The name of salon near preferable city of the client • Rating of the barber • The history of the appointments • The history of available timeslot • Necessary information of client
2.2 Product Features	The major features of the app is given below: • Login system for both client and staff • Home page for both users • Necessary details for example choosing city, salon, barber, service, timeslot etc • Adding event in the google calendar • Confirming and cancelling booking

2.3 Operating Environment	* Database * Client or server system * Operating system: Windows 10 * Programming Language: Dart
2.4 Assumptions and Dependencies	* Let us assume that this is a barber booking system and it is used in the following application *A request for booking/cancellation of barber or salon. We have designed a database that is geographically dispersed at cities in Bangladesh.

3. System Features

3.1 Functional Requirement	The functional requirement of the systems are given below: 1. Login System: Client login Staff login 2. Home page: Booking History of Service User Profile 3. Selecting City, Salon, Barber 4. Details of Service 5. Price history of services 6. Confirming and cancelling services 7. Adding event in google calendar 8. Finish appointment 9. Choosing and showing available timeslot 10. Appointment history
3.2 Non-functional Requirement	The non-functional requirement are: 1. Performance requirement: The steps to perform the implementation will be creating different diagram for example use case diagram, entity relationship diagram etc. 2. Safety requirement: The recovery method restores a previous copy of the database that was backed up to archival storage (typically tape) and reconstructs a more current state by reapplying or redoing the operations of committed transactions from the backed up log, up to the time of failure if there is extensive damage to a wide portion of the database as a result of catastrophic failure, such as a disk crash. 3. Security requirement: Database storage is necessary for security systems just like it is for many other applications.

Use Case Diagram