University of BRISTOL

COMSM3201

MSc Project: Proposal

Joshua Robertson

1 Introduction

1.1 Title

Title of project (provisional) - Uber for Haircuts

1.2 Student and Supervisor Details

Joshua Robertson (hi20003@bristol.ac.uk)
Dr. Alex Kavvos (alex.kavvos@bristol.ac.uk)

1.3 Keywords

• Software Development

2 Project Information

2.1 Motivations/ Addressed Problems/ User Group

The motivations behind this project is to address the issue of connecting barbers with clients, given the current covid issues and regulations. Although there currently exists a plethora of applications designed for this purpose, here I propose a novel application which follows more closely to the uber model. Whereby users of the application can be instantly connected to the nearest roaming hairdresser.

2.2 Key Objectives/ Challenges/ Scope

2.2.1 Key Objectives

• Identify any gaps in the market that can be addressed through the application, including.
• Create a mobile application using dart/ flutter that exhibits cross functionality between platforms.
• Implement several features including; a booking system, an ordering system, and a delivery system that is integrated with google maps API.
• Use an agile methodology and user centred UX/UI design driven by user

personas and interviews to carry out sprints that match the needs of the intended user.

2.2.2 Challenges

As the project is limited to 3 months the main challenges lie within the brief timeline. To try to mitigate this I have created a thorough timeline of the proposed development which can be seen in the attached gantt chart. Within the chart I have also left myself some room incase of any overun.

2.2.3 Scope

The scope of the project is limited to the design and implementation of a mobile application. The application will be designed and built in several stages as listed below: 1. Discovery Stage (including market research) 2. Design and Architecture 3. UX/ UI Design 4. Application Development 5. Testing/ Deployment

3 Time Plan

Please see attached 'jr-gantt-chart.xlsx'