Software Requirement Specification (SRS)

Team Name: Group 2
Jacob Vasquez, Francis Agyemang, Dominick Daito Jr. , Jolen Reid

Date: December 5, 2024

Contents

Version Description

Version Number	Description	Date Added
1.0	Initial draft	November 27, 2024

1 Introduction

1.1 Purpose of the Document

This document will in detail, explain how the functions of this application will perform.

1.2 Intended Audience

Main audience of this document are developers, testers, investors. This is organized by sections of user, software interfaces.

1.3 Overview of the Software

Web Application, allows for the bike pathing to be visualized and seen by the user. This will fetch data through the Metro API, so that safest pathing is made possible. As for android Application, it will be the Web but condensed so that it is ease of use and less taxing on cellula phones/their data.

2 External Interface Requirements

2.1 User Interface

Users will be able to open the application and pick a destination within local Los Angeles for their bike pathing needs. It will show them the best route at discretion of the applications algorithim.

2.2 Software Interfaces

Most of the information will be fetched by the Metro API where users can receive active feed and adjust their bicycle according to the data presented by Metro and their API.

3 Legal and Ethical Considerations

3.1 Data Storage and Privacy

User data will be expelled as there is no current need to store any data. It is strictly a convenience application.

3.2   Legal/Ethical Issues

Possible legal ramifications arise from the possibility that users may still crash and then blame it on the applications pathing. However, there will be disclaimers before hand that let the user know, and prevent any legal action towards the application.

4   Glossary

Acronym	Definition
UI	User Interface
API	Application Programming Interface
DB	Database

5   References

- Link or citation 1

- Link or citation 2