**1 INTRODUCTION**

**1.1 Purpose of this Document**

The purpose of this document is to show that we have met the outlined objectives specified by the client.

This objective is as follows: “Walking Tour Creator (WTC) is a computer-based system to compile data about a walking tour, and structure it in a database that can be used by a mobile application which guides people around the walk, showing them places of interest along the way.

WTC will be able to build a number of related walks, showing the location and details of places of interest along with photos, audio, video, about each place. All textual data will be stored in English.”

The objective is defined as follows: “Walking Tour Creator (WTC) is a computer-based system to compile data about a walking tour, and structure it in a database that can be used by a mobile application which guides people around the walk”

This would imply that the user will be able to create and store a number of routes, with any number of waypoints (providing it has more than 0 waypoints). Each waypoint would have a user made description for each waypoint, with the option of adding a photo to be associated with the waypoint being created, should the user wish to do so.

These set of waypoints would then be uploaded to the main server as a whole route, complete with the appropriate descriptions, and photos taken on the route, providing the user has actually taken photos.

All data on both the user side and server side would be stored in English.

This document will show we have managed to simplify these into a set of manageable goals. A combination of Gantt charts and Github will be used to show, and monitor the progress of the projects major tasks and other milestones. We are also implementing a risk analysis system that should point out the various problems we may face whilst completing our objectives, and also allow us to mitigate the risks involved.

**1.2 Scope**

This document should take into account the specifications of the project.

This document includes an overview of our proposed systems, which will encompass our choice of platforms, some high-level architectures and a description of prospective users. The document also contains; a use case diagram giving an overview of how the app and the web systems will interact, mock-ups, a description of the UI design and how both applications will interact with the user and a Gantt chart which displays the start and end dates for the main milestones of the project, all in conjunction with a risk analysis which is outlined in the ‘Purpose of this Document’ section.

**1.3 Objectives**

These main objectives are to show our initial plans for the project. These goals include an overview of our proposed system, a set of use case diagrams, user interface designs, a Gantt chart, and a risk analysis.

***1.3.1*** Produce an overview of our proposed system, which matches our client’s specifications.

***1.3.2*** Produce a detailed use case diagram to define the interactions with the system, and provide it with a concise explanation, along with example usage scenarios.

***1.3.3*** Create a UI for the android and web systems we will employ, with a succinct explanation for our chosen design.

***1.3.4*** Employ the usage of a Gantt chart, to monitor our progress as a team.

***1.3.5*** Highlight aspects of our project plan, which may cause us difficulties in completing our assigned work in a timely manner.