Design Specification Group 12

Author: lps1

Config. Ref.: Config Ref: To be assigned

Date: 25 November 2013

Version: 1.0 Status: Draft

Department of Computer Science, Aberystwyth University, Aberystwyth, Ceredigion, SY23 3DB, U.K.

©Aberystwyth University 2013

CONTENTS

1 INTRODUCTION

2 DECOMPOSITION DESCRIPTION

2.1 Programs in system

2.2 Significant classes in Program 1

2.3 Modules shared between programs

2.4 Mapping from requirements to classes

This table shows each functional requirement that must be met, and which class provides its operation. This will ensure that all requirements are covered, and show the impact that changes to the design may have.

Table 1: Table mapping requirements to classes

Functional requirement	Class providing requirement
FR1- Startup of software on Android device	
FR2 - Providing info about the whole walking tour	
FR3 - Adding locations to the walking tour	
FR4 - Adding photos to the walks	
FR5 - Cancelling walks	
FR6 - Sending the walk to the server	
FR7 - Switching from the WTC	
FR8 - Trying out a created walking tour	
FR9 - Saving data on server	

3 DEPENDENCY DESCRIPTION

- 3.1 Component Diagrams
- 3.2 Component Diagrams for Program 1
- 3.3 Inheritance Relationships
- 4 INTERFACE DESCRIPTION
- 4.1 Class 1 interface specification
- 5 DETAILED DESIGN
- 5.1 Sequence diagrams
- 5.2 Significant algorithms
- 5.3 Significant data structures
- 6 REFERENCES
- 7 APPENDICES

8 DOCUMENT HISTORY

Version	CCF No.	Date	Changes made to Document	Changed by
0.1	N/A	2013-11-25	Initial creation	LPS1