User requirements for FindYourWayIn

Introduction

The following requirements are for the FindYourWayIn web application. All the requirements stated here were acquired through analysing the problem (Source = Analysis) and having an interview with the client (Source = Client meeting) for confirmation and adjustments.

The abbreviation MSCW means (MUST(M),SHOULD(S), COULD(C) and WOULD(W)). These emphasise the priority of the user requirement: MUST being the greatest followed by SHOULD, COULD and WOULD are of the same priority.

Requirements

In this section you can see the requirements. To see when/where or how each requirement was acquired please go to docs/pdf/project-docs/functional design.

Business requirements

Description	MSCW	Source	Reference ID
Business wants the web application to provide the same information a tourist leaflet would	M	Client meeting	Bu01
Business wants the web application to be easily usable in other cities	M	Client meeting	Bu02
Business wants the web application to be used by consumers of any age	M	Client meeting	Bu03
Business wants the web application to help reduce the use of paper travel documents	M	Client meeting	Bu04
Business wants the web application to mainly help tourists and local entrepreneurs	M	Client meeting	Bu05

User (Consumer) requirements

Description	MSCW	Source	Reference ID
User wants to be able to view the navigation map	M	Client meeting	Cu01
User wants to be able to read a description about the destination	M	Client meeting	Cu02
User wants to be able to see a list of destinations with promotions and discounts they can visit in Walstraat?	M	Client meeting	Cu03

Description	MSCW	Source	Reference ID
User wants to be able to get a route to the selected destination	M	Client meeting	Cu04
User wants to be able to see promotions offered by the shop or restaurant	M	Client meeting	Cu05
User wants to be able to view the overall agenda of Walstraat with all upcoming events	M	Client meeting	Cu06
User wants the web application to let them discover events and locations within Walstraat	M	Client meeting	Cu07
User wants to be able change the language to their preferences	M	Client meeting	Cu08
User wants to be able to search for a specific place according to their preferences	M	Client meeting	Cu09
User wants to be able to see an organisation in the spotlight	S	Analysis	Cu10
User wants to be able to get a personalised route based on their preferences	S	Analysis	Cu11
User wants to be able to contact the organisation using their contact details	C	Client meeting	Cu12

System requirements

Functional requirements

Description	Source	Reference ID
System can fetch data from API in realtime	Analysis	SF01
System can display map of Walstraat	Cu01	SF02
System can display information about a selected location	Cu02	SF03
System can display a list of organisations in Walstraat with promotions and discounts	Cu03	SF04
System can create a direct route to the selected destination	Cu04	SF05
System can display promotions offered by organisations in Walstraat	Cu05	SF06
System can display an agenda of events in Walstraat to the user as well as their own	Cu06	SF07
System can display a "discover Walstraat" page and give the user recommended locations	Cu07	SF08

Description	Source	Reference ID
System can display a specific location based on the users search and preferences	Cu09	SF09
System can generate a route based on the users preferences as to what they want to visit	Cu11	SF10
System can integrate call functionality with the users mobile device to make calls	Cu12	SF11

Non-Functional requirements

Description	Source	Reference ID	ISO 25010 Standart
System can work on mobile devices	Client meeting	SNF01	Portability
System can support Dutch, English and German	Cu08	SNF02	Usability
System can support multiple users connected at once	Analysis	SNF03	Performance Efficiency
System can securely encrypt user data and log in a user with authentication	Analysis	SNF04	Security
System has a minimum uptime of 99%	Analysis	SNF05	Reliability
System is easy to naviagate through and is aesthetic with its consistent color scheme	Analysis	SNF06	Usability
System can be handed over to a third party (Such as a new developer team) with source code and documentation	Analysis	SNF07	Maintainability