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

Business requirements

No	Description	MSCW	Source	Reference ID
1.	Business wants the web application to provide the same information a tourist leaflet would	M	Client meeting	Bu01
2.	Business wants the web application to be easily usable in other cities	M	Client meeting	Bu02
3.	Business wants the web application to be used by consumers of any age	M	Client meeting	Bu03
4.	Business wants the web application to help reduce the use of paper travel documents	M	Client meeting	Bu04
5.	Business wants the web application to mainly help tourists and local entrepreneurs	M	Client meeting	Bu05

User (Consumer) requirements

No	Description	MSCW	Source	Reference ID
1.	User wants to be able to view the navigation map	M	Client meeting	Cu01
2.	User wants to be able to read a description about the destination	M	Client meeting	Cu02
3.	User wants to be able to see a list of destinations with promotions and discounts they can visit in Walstraat?	M	Client meeting	Cu03
4.	User wants to be able to get a route to the selected destination	M	Client meeting	Cu04

No	Description	MSCW	Source	Reference ID
5.	User wants to be able to see promotions offered by the shop or restaurant	M	Client meeting	Cu05
6.	User wants to be able to view the overall agenda of Walstraat with all upcoming events	M	Client meeting	Cu06
7.	User wants the web application to let them discover events and locations within Walstraat	M	Client meeting	Cu07
8.	User wants to be able change the language to their preferences	M	Client meeting	Cu08
9.	User wants to be able to search for a specific place according to their preferences	M	Client meeting	Cu09
10.	User wants to be able to see an organisation in the spotlight	S	Analysis	Cu10
11.	User wants to be able to get a personalised route based on their preferences	S	Analysis	Cu11
12.	User wants to be able to contact the organisation using their contact details	C	Client meeting	Cu12

System requirements

Functional requirements

No	Description	Source	Reference ID
1.	System can fetch data from API in realtime	Analysis	SF01
2.	System can display map of Walstraat	Cu01	SF02
3.	System can display information about a selected location	Cu02	SF03
4.	System can display a list of organisations in Walstraat with promotions and discounts	Cu03	SF04
5.	System can create a direct route to the selected destination	Cu04	SF05
6.	System can display promotions offered by organisations in Walstraat	Cu05	SF06
7.	System can display an agenda of events in Walstraat to the user as well as their own	Cu06	SF07
8.	System can display a "discover Walstraat" page and give the user recommended locations	Cu07	SF08
9.	System can display a specific location based on the users search and preferences	Cu09	SF09

No	Description	Source	Reference ID
10.	System can generate a route based on the users preferences as to what they want to visit	Cu11	SF10
11.	System can integrate call functionality with the users mobile device to make calls	Cu12	SF10

Non-Functional requirements

No	Description	Source	Reference ID
1.	System can work on mobile devices	Client meeting	SNF01
2.	System can support at least 3 languages	Cu08	SNF02
3.	System can support multiple users connected at once	Analysis	SNF03
4.	System can securely log in a customer using SSO	Analysis	SNF04
5.	System can run 24/7	Analysis	SNF05
6.	System can have a user friendly interface (UI/UX)	Analysis	SNF06
7.	System can be maintained by third parties	Analysis	SNF07