

Feature Testing

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Contents

1	Introduction	2
1.1	Purpose	2
1.2	Objectives	2
2	Feature Tests	2

1 Introduction

1.1 Purpose

The purpose of this document is to outline the feature requirements set at the beginning of the project for the website and describe how the website performs against these specifications.

1.2 Objectives

The objective is to details how successful the development of the project has been in achieving its goals that were set from the beginning.

2 Feature Tests

The following table describes each feature and how the website reacts to test input for each feature.

Code	Description	Input	Output	Result
FR.I.01	Register Form - The page must provide an easy to access register form for personal details to be entered upon registration. Basic details needed are Email address, First name, Last name and Password. More specific details can be entered after registering to the site	Correctly formatted details	User registered and logged into the site	PASS

		Wrongly for- matted email address	User not registered and told to re enter details	PASS
FR.I.02	Log in Form - There must be a section of the page dedicated to logging in existing users. It must be easily viewed and apparent to users	Correct details al- ready in database	Logged into site	PASS
		Details not al- ready in database but for- matted correctly	not logged into site, redirected back to home page to re enter details	PASS
		Badly for- matted email address	not logged into site and asked to re-enter details	PASS
FR.H.01	Menu - There should be a menu giving the user access to all of the site's functions separated out into pages that group functionality	Clicking the menu buttons	redirects the page to the correct one	PASS

FR.H.02	Logout - A logout option must be present	Logout button pressed	user redirected to index page where they are required to log in or register	PASS
FR.H.03	User Journeys - Users must be able to see a list of their shared journeys and view their status. This could show how many spaces they have left and new requests others have made to hitch the journeys	'Activity' button pressed in menu	Taken to activity page where journeys are displayed. Each one can be viewed in detail by pressing on the journey div itself	PASS
FR.H.04	User Hitches - User must be able to view a list of the hitches they have requested to other journeys and view their status. The status of the hitch request depends on whether or not it has been accepted by the driver	'Activity' button pressed in menu	Taken to activity page where user hitch requests are displayed. Each one can be viewed in detail by pressing on the journey div itself	PASS

FR.H.05	Post Journey - The user must be able to share journeys by posting the details of the journey up on the page. the site must provide a map-style preview of the journey so that the user can be sure the correct origin and destination have been set	Data with corect place names inserted into form and sub-mitted	preview page shows correct map preview and option to submit or go back a page	PASS
		Data with incorrect place name inserted into form	preview page shows incorrect map as expected and option to go back	PASS

FR.H.06.01	Distance Search - The search function must search not only for journeys which originate and terminate at the exact searched locations, but must return journeys which originate and terminate at locations near to that of the search. For example, within ten kilometres	'Penglais' to 'Penarth' search inserted into form	Journeys from 'Aberystwyth' to 'Cardiff' are returned in search results	PASS
FR.H.06.02	Partial Journey Search - The search function must return journeys in which the searched origin and destination are, or near to (see FR.H.06.01), points along the journey	search from 'Brecon' to 'Builth Wells' inserted into form and submitted	Search results include journeys from 'Aberystwyth' to 'Cardiff'	PASS
FR.H.07	Make a Hitch Request - If a user selected a journey after searching, they must be able to make a hitch request provided there are spaces remaining	'Request Hitch' button clicked on journey	Hitch now appears in 'Activity' page as awaiting response from driver	PASS

FR.H.08	Accept/Decline Hitch Requests - When another user requests to hitch a journey that a user has shared, the site must prompt them to accept or decline the new hitcher	'Accept Hitcher' button clicked on journey page	Hitch is now part of journey, journey route updated and spaces left decreased	PASS
		'Decline Hitcher' button pressed	Hitch request no longer shows up and no change to journey	PASS
FR.H.09	Suggested Journeys - The site must provide suggested journeys that it predicts a user may be interested in due to their profile details	User logged onto site or returns to home page with full profile completed	3 suggested journeys displayed	PASS

		User navigates to home page without full profile completed	messages prompting to complete profile for suggested journeys shown	PASS
FR.H.10	Messages - The ability to send and receive messages to and from other users on the site must be available	Message sent to other user using email address	Email sends successfully and appears in 'Sent Items' folder	PASS
FR.H.11	Profile - The user must be able to view and edit their personal and profile details	User navigates to 'Profile' page	profile details displayed	PASS
		'Edit Profile' button clicked	User directed to page where details can be edited after pressing 'Submit' button	PASS

FR.H.12	Journey Cancelling - The user must be able to cancel a journey at any time	User clicks 'Cancel Journey' button on journey page	Journey cancelled and redirected to 'Activity' page where journey no longer displayed	PASS
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