Haulage Management System
Test Specification

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1 Introduction

1.1 Purpose of this Document

This document aims to specify the details of each of the system tests to be executed as part of the formal test process for the Haulage Management software.

1.2 Scope

This document covers the system tests in reference to the requirements outlined in the Requirements Specifcition[1].

1.3 Objectives

The objectives of this document are:

- Define the system tests upon which the system will be designed

2 Tests

2.1 FR1 Access Management

Test Ref	Req Tested	Test Content	Input	Pass Criteria
001	FR1	Check that the first page displayed to the user upon loading is a login page, with input areas for credentials	Start software	Credentials prompt is displayed properly.
002	FR1	Check that the correct return message is displayed when the credentials form is submitted	Press Submit button	If the credentials were valid, advance application to dashboard with a logout option visible. If invalid return error message to user and clear the form for re-submission
003	FR2	Check that the list of hauliers is displayed reliably and correctly when navigated to	Navigate to hauliers list	A list of all registered hauliers is displayed with correct information
004	FR2	Check that hauliers list can be sorted properly	Press the sort button on each valid column of the list	The list should now be sorted by the selected criteria
005	FR2	Check that hauliers list can be searched successfully	Enter search term into search bar and press search	The list should now only contain elements that match the search criteria
006	FR3	Check that clicking the 'add haulier' button brings up a form	Clicking the 'add haulier' button	A modal should popup with a form and submit button to enter information
007	FR3	Check that the form validates the information entered and returns the correct behaviour	Fill in the form and press 'add'	If the form was filled in validly the modal should close and the user should be returned to the hauliers list. If the form was invalid the problematic text field shoul have a relevant error message and the form should be ready for re-submission

008	FR3	Check that the hauliers list is updated when a new haulier is added	Add a new haulier	The list should be updated and include the new haulier entry
009	FR4	Check that when the 'remove' button is clicked on any haulier that a dialog prompt appears	Press the 'remove' button by any haulier	A modal prompt with two options should appear, if the user selects 'yes' the modal should close and remove the haulier. If the user selects 'cancel' the modal should close and the list will remain unchanged.
010	FR4	Check that when a haulier is removed that the list has been updated	Press the remove button on any haulier and confirm the dialog	The list should no longer contain the haulier
011	FR5	Check that when the user navigates to 'all journeys' a list of all the logged journeys is presented	From the dashboard select 'view all journeys'	A correct list of all the journeys logged should be presented
012	FR5	Check that the displayed list of journeys can be sorted properly	Press the sort icon on any of the list's columns	The list should now be sorted by that criteria.
013	FR5	Check that the displayed list can be searched properly	Enter search criteria into the search bar and click 'search'	The list should now only contain entries matching the search criteria
014	FR6	Check that the user can view an individual haulier's journey	Select the 'view journeys' option from the hauliers list	The screen changes to a list of all the haulier's journey and a map representation
015	FR6	Check that the list of all the haulier's journeys can be sorted	Press the sort icon on any of the list's columns	The list should now be sorted by that criteria
016	FR6	Check that the list of hailier's journeys can be searched	Enter the search criteria into the search bar and submit	The list should now only contain entries matching the search criteria
017	FR7	Check that the user can log a new journey	Select the 'log a journey' option at the dashboard	The screen should change to an input form for a journey

018	FR7	Check that the form is validated correctly	Fill in the form and press 'add'	If the form is valid, the form will be submitted and the user will be informed, if the form is invalid the problematic input area will have an error above it and the form will be ready for resubmission
019	FR7	Check that the journeys list is updated correctly by new journeys	Log a new journey	The journeys list should be updated with the news journey
020	FR8	Check that when the user selects 'edit' on a journey that the correct modal is opened	Select 'edit' on a journey	A popup form with the current details of the journey should open and be editable
021	FR8	Check that the edit form is validated correctly	Fill the edit form and select 'edit'	If the form was inputted correctly the modal should close and inform the user the journey has been editted, if it was incorrec the modal will remain open with an error message by the problematic input area
022	FR8	Check that when the user edits or removes a journey that the changes are reflected properly on the list	Edit or remove a journey	The list should be updated to reflect these changes

REFERENCES

[1] *Haulage Management System* Requirements Specification. Rhys Evans HM-QA-RS 1.0 Release.

DOCUMENT HISTORY

Version	CCF No.	Date	Changes made to Document	Changed by
0.1	N/A	2018-20-05	Initial creation	RE
0.2	N/A	2018-20-05	Created draft 1 of tests	RE