

Requirements Engineering and Test Scenarios

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- Done with the website <https://www.harbourcars.com/>

Requirements

1. The website could have a homepage with a register area so the customer can get emails about new car stocks.
2. The website must have a stock page so the customer can see the car stock and they should be able to order the cars by price and make, both ascending and descending.
3. The website should have a page with the team information.
4. The website could have a page with testimonials.
5. The website could have a page about preparation and warranty.
6. The website could have a page about finance.
7. The website could have a page about aftersales/service.
8. The website must have a page with part exchange, where a form is located. The fields of the form are:
 - Name (Mandatory);
 - Email (Mandatory);
 - Telephone (Mandatory);
 - Registration (Not mandatory);
 - Mileage (Not mandatory);
 - Exterior color (Mandatory);
 - Interior color (Mandatory);
 - Optional extras (Not mandatory);
 - Price required (Mandatory);
 - Service history (Mandatory);
 - Finance outstanding (Not mandatory);
 - Condition + Defects (Not mandatory);
 - Location (Not mandatory);
 - A reCAPTCHA button ("I am not a robot" - Mandatory);
9. The website must have a previously sold page.
10. The website must have a sell your car page, where the form of the requirement number 8 is also present, but before the form, the customer should be able to see a text explaining the service in question.
11. The website should have a news page.
12. The website must have a contact us page, with a maps area, detailed information about the company, and a form for the customer to get in contact with them. The fields of the form are:
 - Name (Mandatory);
 - Email (Mandatory);
 - Telephone (Mandatory);
 - Message (Mandatory);
 - A reCAPTCHA button ("I am not a robot" - Mandatory);

Test Scenarios

Test Scenario ID	Importance	Test Scenario Description	Test Cases
HC_Reg_01	Low	Validate if the user can only register if he filled every field of the form (First name, surname, email and telephone)	1
HC_Stock_01	High	Validate if the stock page lists the cars correctly	1
HC_Stock_02	Medium	Validate if the stock page orders the cars by price and make, in an ascending and descending form each	4
HC_Team_01	Medium	Validate if the “Meet the Team” page is working and has all the information needed	1
HC_Testim_01	Low	Validate if the Testimonials page is showing them correctly and listed	1
HC_Exch_01	High	Validate if an exchange can only be completed if the user fills every mandatory field of the form	1
HC_Exch_02	High	Validate if the email part of the form for exchange only accepts valid emails	4
HC_Exch_03	High	Validate if the telephone part of the form for exchange only accepts valid telephones	3
HC_Exch_04	Low	Validate if the registration part of the form for exchange can link the user correctly	1
HC_Exch_05	Medium	Validate if the price part of the form for exchange only accepts numbers in correct format	3
HC_Exch_06	Low	Validate if the finance outstanding part of the form for exchange only accepts numbers in correct format	3
HC_Exch_07	High	Validate if the reCAPTCHA in the form for exchange is present and working	1
HC_PS_01	High	Validate if the “Previously Sold” page lists the cars correctly	1
HC_News_01	Medium	Validate if the News page lists the news	1

		correctly	
HC_Cont_01	High	Validate if the “Contact Us” page shows a functional maps area correctly	1
HC_Cont_02	High	Validate if an contact request can only be completed if the user fills every mandatory field of the form	1
HC_Cont_03	High	Validate if the email part of the form for contact request only accepts valid emails	4
HC_Cont_04	High	Validate if the telephone part of the form for contact request only accepts valid telephones	3
HC_Cont_05	High	Validate if the reCAPTCHA in the form for exchange is present and working	1