

Test Plan

Epic : Car Insurances
Feature : Car Registration
Stories : User can register car information
Documentation : [Confluence](#), [JIRA](#)

We will focus our testing to the following testing areas:

1. Functional Testing

a. Input Field ('plate number') Validation

- i. Verify field valid accepts alphanumeric characters.
 1. Format: `^[A-Z]{3}([0-9]{4})$`
- ii. Validate error messages for invalid inputs
 1. Empty
 2. Wrong format
- iii. Test input accepted length
 1. Input a big alphanumeric field value

b. Dropdown Menu ('year') Validation:

- i. Confirm all options are selectable
- ii. Test default selection ('Select a year').
- iii. Verify submitted value matches the selected option.
 1. Verify success msg for at least two options
 2. Verify failure msg when no option is selected
- iv. Verify no duplicates exists
- v. Test boundary values (Special characters, spaces etc.)

c. Submission

- i. Test submission with valid inputs for both fields
- ii. Test submission with invalid inputs for both fields
 1. **Plate number field**: empty, wrong format, big length
 2. **Dropdown date**: empty(default)
- iii. Verify proper error handling and user feedback

2. Edge cases

- a. Refresh browser after filling the form with values
- b. Fill in the form, navigate to another page, press back button from browser

3. Usability Testing

- a. Ensure form (field) labels/placeholders.
- b. Check navigation between fields (mouse, keyboard sequences etc.)
- c. Validate dropdown opens/clicks smoothly (desktop/mobile).
 - i. Via mouse
 - ii. Via keyboard (TAB/ENTER/ARROWS/ESCAPE sequences)

4. Compatibility Testing

- a. Test on browsers (Chrome, Firefox, other...)
- b. Test on different device types (desktop, tablet, mobile)

5. Exploratory Testing

Execution

- Manual testing for
 - Usability
 - Compatibility
 - EdgeCases
 - Exploratory
- Automate remaining functional tests plus Compatibility(Chrome and Firefox)
(git repo: <https://github.com/konio13/HellasDirectDemo>)

Pass/Fail Criteria

- All functional requirements met.
- No critical bugs (e.g., crashes, data corruption).