

Test Plan for CreditCards.com UI Testing - Phase I

OBJECTIVE

Develop an automated test set around the web page <https://www.creditcards.com> . As we are constrained on resources (time), only 4-5 automated tests will be created.

PROJECT OVERVIEW

Overview of cases to cover for this web page. Note, only items marked with (*) , will be automated in this (mini) phase I and are described in further detail below. All cases here are listed to show an informal, comprehensive perspective on what needs to be tested.

Test Set: Verify navbar items.

- * For each navbar item:
 - * Verify hovering over an item reveals a dropdown menu
 - * Verify hovering out of an item makes the dropdown menu disappear
 - * Verify hovering over a link makes it underlined
 - * Verify all the links navigate to the correct destination
- Verify clicking on the logo takes you to www.creditcards.com
- Verify scrolling down makes the header turn blue, logo to change, menu items to change.

Test Set: Verify main box “What’s your credit score?”

- * Verify initial state: look for “Select your credit score above ...”
- For each credit score button:
 - Verify hovering over an button makes it change to color blue
 - * Verify clicking on an button reveals a dropdown menu
 - For each item in this dropdown menu:
 - Verify hovering over an item makes its colors inverted
 - Verify clicking on an item navigates to the appropriate page
 - * Verify hovering out of a button and the dropdown menu persists

Test Set: Verify disclosures and copyrights are present.

- * Verify clicking on ADVERTISER DISCLOSURE pops up a window.
 - * Verify ADVERTISER DISCLOSURE content is sufficient (talk to business or legal partners).

- * Verify pop up window disappears when clicking OK button, X item on the upper right, or anywhere in the site outside the window.
- * Verify footer says "Copyright 2018 CreditCards.com. All Rights Reserved"
- Verify footer has ADVERTISER DISCLOSURE information.
- Verify footer has credit range derivations.

Test Set: Verify browser window resizing gives appropriate views.

- * Verify by reducing the width of the window:
 - * transforms navbar to hamburger menu.
 - * Verify clicking on the hamburger menu reveals navbar options
 - * Clicking on an option reveals dropdown menu.
 - * Verify clicking on the hamburger menu again reveals main page.
 - Rearranges buttons and text to remain in view.
 - Card category list becomes draggable.

Test Set: Verify mid-page links navigate to the correct destination.

- Verify "Explore Best Cards" button navigates to */best-credit-cards/ page
- Verify "Top Credit Cards by Category" buttons:
 - Hovering over them reveals shadow border
 - Clicking on them navigates to their appropriate pages.
- Verify link under "Make it easier..." navigates to the appropriate page.

Test Set: Verify "Choose what you EARN" and Choose what you SAVE ON" tabs.

- For either of the above tabs:
 - Verify clicking on one reveals an appropriate set of subtabs
 - For each set of these subtabs:
 - Click the subtab and verify the set of cards revealed match the context described by the subtab
 - The links in these subtabs go to the appropriate page.

TEST STEPS

These are the items in scope i.e. the test cases that will be automated.

Item 1:

From PROJECT OVERVIEW:

Verify navbar items.

- * For each navbar item:

- * Verify hovering over an item reveals a dropdown menu
- * Verify hovering out of an item makes the dropdown menu disappear
- * Verify all the links navigate to the correct destination

Why automate this?

This is the main navigation interface for all the provided services i.e. a lot of the business value will be derived from here.

Step No.	Description	Expected Result
1	On Google Chrome, navigate to https://www.creditcards.com	Landing page should be available.
2	Hover pointer over “Card Category” in the navbar	Dropdown menu should appear.
3	Click on the item.	Should be navigated to the appropriate page as per the description on the link.
4	Go back to the previous page.	Should be back on the view of https://www.creditcards.com
5	Repeat steps 3-4 for all the other items in the dropdown menu.	
6	Repeat steps 2-5 for all other navbar items i.e. Card Issuer, Credit Range, Tools, Resources	All links in all the dropdown menus of all the navbar items should be correct as per business requirements.
7	Repeat steps 1-6 for Firefox and Internet Explorer.	All functionality should be consistent among the 3 browsers.

Item 2:

From PROJECT OVERVIEW:

Verify main box “What’s your credit score?”

- * Verify initial state: look for “Select your credit score above ...”
- * For each credit score button:
 - * Verify clicking on an button reveals a dropdown menu
 - * Verify hovering out of a button and the dropdown menu persists

Why automate this?

This is the immediate view seen when loading the page i.e. most eyes will be viewing this section of the page, so it must be user-friendly.

Step No.	Description	Expected Result
1	On Google Chrome, navigate to https://www.creditcards.com	Landing page should be available.
2	View the initial state of the box under the credit score buttons.	Should have no dropdown menu and should say "Select your credit score above to see the top categories for you"
3	Click on the credit score button "Excellent ..."	Dropdown menu should appear under the button.
4	Hover pointer out of the button.	Dropdown menu should persist.
5	Repeat steps 3-4 for all the credit score buttons.	Dropdown menu functionality should remain consistent across all buttons.
6	Repeat steps 1-5 for browsers Firefox and Internet Explorer.	Main view box functionality should remain consistent across all browsers.

Item 3:

From PROJECT OVERVIEW:

Verify browser window resizing gives appropriate views.

- * Verify by reducing the width of the window:
 - * transforms navbar to hamburger menu.
 - * Verify clicking on the hamburger menu reveals navbar options
 - * Clicking on an option reveals dropdown menu.
 - * Verify clicking on the hamburger menu again reveals main page.

Why automate this?

Information should still be as presentable as possible and be accommodating to many different browser window dimensions.

Step No.	Description	Expected Result
1	On Google Chrome, navigate to	Landing page should be

	https://www.creditcards.com	available.
2	Reduce the width of the browser window to under 500 pixels (use the devtools window for measurement).	Browser window should be reduced to the appropriate size.
3	Verify hamburger menu replaces the navbar.	Hamburger menu should have replaced the navbar.
4	Click on the hamburger menu.	Dropdown menu should appear below hamburger.
5	Click on an item in the dropdown menu.	Should navigate to the appropriate page.
6	Repeat steps 1-5 for Firefox and Internet Explorer.	Functionality should be consistent between different browsers.

Item 4:

From PROJECT OVERVIEW:

Verify disclosures and copyrights are present.

- * Verify clicking on ADVERTISER DISCLOSURE pops up a window.
 - * Verify ADVERTISER DISCLOSURE content is sufficient (talk to business or legal partners).
 - * Verify pop up window disappears when clicking OK button, X item on the upper right, or anywhere in the site outside the window.
- * Verify footer says "Copyright 2018 CreditCards.com. All Rights Reserved"

Why automate this?

Beyond business value, there is legal value in making sure that all claims and digital property are appropriately qualified.

Step No.	Description	Expected Result
1	On Google Chrome, navigate to https://www.creditcards.com	Landing page should be available.
2	Click on ADVERTISER DISCLOSURE (towards the bottom left of the initial view).	Pop up window should appear.
3	Verify the content in the pop up window is sufficient as per business and legal standards.	Pop up window content is verified.

4	Click OK on the pop up window	Should exit the pop up window back onto the landing page.
5	In the footer of the landing page, find the text "Copyright 2018 CreditCards.com. All Rights Reserved"	Copyright text should be available.
6	Repeats steps 1-5 for Firefox and Internet Explorer.	Functionality should remain consistent between browsers.

For ALL the tests, the exit criteria is to get the automated tests passing.
