

Non-Functional Requirements

Non-Functional Requirements	How	Where
NF_Req #1	Ensured valid and semantically appropriate HTML 5 and CSS layout.	Proof of Validation below here below tables.
NF_Req #2	Nav setup in CSS documents that include a highlight of which page is selected. (Nav a.active styling class in CSS)	Consistent nav bar throughout all pages besides the login page that only includes the option to log in.
NF_Req #3	Images sourced through assets folder with image styling to ensure proper sizes.	Images incorporated mostly on items page for item images. Ad images included on all pages except for login page. Item images and ad images separate css styling in styles.css
NF_Req #4	Consistent black and white structure through table, nav bar, and body styling.	Consistent throughout all pages with the exception of the login page styling matching the logo being presented using tan coloring.
NF_Req #5	Elements contain consistent and efficient layout styling to adhere to HCI principles.	Similar to above how elements are consistent throughout all pages even without bootstrap implementation.
NF_Req #6	Javascript implemented for login validation, discount tile game structure, word count functionality, audio button function, text scrolling feature, and table searching form.	All javascript contained within script.js to implement functionality for these requirements.

Functional Requirements

Functional Requirements	How	Where
NF_Req #1	Referenced stack overflow and used @media to allow changes to nav bar, headers, tables, etc. when smaller devices are used.	Implemented media styling adjustments in styles.css, login.css, discount.css.
NF_Req #2	Implemented 5 pages to complete RYUG website.	Incorporated login.html, RYUG.html (home page), items.html, discount.html, and history.html.

Functional Requirements	How	Where
NF_Req #3	Advertised black boots, cleats, winter coat, graphic t-shirt, blue jeans, black sweatshirt. (6 items)	Items advertised on items.html page, with two featured items referenced on RYUG.html (home page)
NF_Req #4	Implemented validateLogin function in script.js to ensure successful login with pre set username and password. Login.html contains two fields plus login button as well as separate html for design purposes.	Two fields and login button added in validateLogin(). CSS styling separate from other pages for logo matching style off the page.
NF_Req #5	Implemented button and used javascript to add event listener for click to play ka-ching sound using mp3 file.	Button css located in styles.css. Javascript code in script.js. File linking and positioning in items.html for audio implementation.
NF_Req #6	Table implemented on items page. Form for username and password on login page. Second form used for search bar on items page. Buttons implemented on home page to direct to items page when looking at featured items. Button used to submit login information. Button used to submit search. Button used to play audio file. Search field implemented. Table styling uses CSS.	Table with items is in items.html. Username and password form is on login.html. Search bar form is on items.html to filter items in the table. Buttons on RYUG.html, login.html, and items.html. Search field implemented in items.html. Table styles located in styles.css
NF_Req #7	Animated box created using CSS to create a box with changing background colors using animation-name: colorChange; with colorChange being @keyframes colorChange.	Implemented animated-box style in css with reference to w3schools that helped with creating a color changing animation in styles.css
NF_Req #8	Created a fake ad using red text in paint to advertise a Christmas themed RYUG store. Included this jpeg file in every page except for the login page. Created a gif animation that flips between the advertisement and the RYUG logo and included the gif file on the history page.	Jpeg advertisement included on RYUG.html, items.html, discount.html. Gif included on history.html.
NF_Req #9	Made use of addEventListener to code javascript for the text scrolling in history.html. Coded a portion of text talking about the animated box below it to be stationary upon load, then if the text within the box is clicked, the animation begins and the text scrolls. #scrollingText is implemented in css to style the text positioning, color, size, and scrolling speed.	Text scrolling animation implementation is on history.html. Javascript to allow this function is in script.js. CSS styling for this animated text scrolling function is in styles.css

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Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for RYUG.html

Checker Input

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Check by [file upload](#) No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 3 milliseconds.

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Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for discount.html

Checker Input

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Check by [file upload](#) No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 3 milliseconds.

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Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for items.html

Checker Input

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Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 6 milliseconds.

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The W3C CSS Validation Service

W3C CSS Validator results for styles.css (CSS level 3 + SVG)

[Jump to:](#) Validated CSS

W3C CSS Validator results for styles.css (CSS level 3 + SVG)

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This document validates as [CSS level 3 + SVG](#) !

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The W3C CSS Validation Service

W3C CSS Validator results for discount.css (CSS level 3 + SVG)

[Jump to:](#) Validated CSS

W3C CSS Validator results for discount.css (CSS level 3 + SVG)

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The W3C CSS Validation Service

W3C CSS Validator results for login.css (CSS level 3 + SVG)

[Jump to:](#) Validated CSS

W3C CSS Validator results for login.css (CSS level 3 + SVG)

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