# RSS Feed Newsletter Web Page

## Design

- \*\*Frameworks\*\*: Bootstrap for layout and design, Bootstrap Icons for iconography.

- \*\*Responsiveness\*\*: Fully responsive design for desktop, tablet, and mobile devices.

## Pages

### Login Page

- \*\*Components\*\*:

- \*\*Login Container\*\*:

- \*\*Email Input\*\*: Full container width

- \*\*Password Input\*\*: Full container width

- \*\*Remember Me Checkbox\*\*

- \*\*Login Button\*\*

- \*\*Forgot Password Link\*\*

- \*\*Alternative Login Options\*\*:

- Sign in with Apple

- Sign in with Google

- Sign in with Microsoft

- \*\*Registration Option\*\*: Link to the Register page for new users

### Register Page

- \*\*Components\*\*:

- \*\*Name Input\*\*: Requires at least two words

- \*\*Email Input\*\*

- \*\*Password Input\*\*: Includes a safe password checker

- \*\*Captcha/Recaptcha\*\*

- \*\*Terms and Conditions Checkbox\*\*

- \*\*Register Button\*\*: Sends a confirmation email to the registered email address

- \*\*Alternative Signup Options\*\*:

- Sign up with Apple

- Sign up with Google

- Sign up with Microsoft

## Home Page

### Navigation Bar

- \*\*Structure\*\*:

- \*\*Top Icon\*\*: Bootstrap RSS icon

- \*\*Middle Icons\*\*: Magnifying-glass, Newspaper, File-earmark-richtext

- \*\*Bottom Icons\*\*: Person-circle, Logout Button, Notification Icon

### Sidebars

- \*\*Behaviour\*\*:

- Appears on hover, fades away when not hovered

- Fixed when clicked, disappears when clicked again

#### RSS Sidebar

- \*\*Highlights\*\*:

- Today (Calendar icon)

- Read Later (Eyeglasses icon)

- Bookmarked (Bookmark icon)

- Newsletter (Newspaper icon)

- Recently Read (Clock icon)

- \*\*Feeds\*\*:

- All Feeds

- List of individual feeds

- Feed Sorting Options

- \*\*Folders\*\*:

- List of folders with toggle functionality

- Create new folder option

- Manage Feeds Button

#### Search Sidebar

- \*\*Components\*\*:

- URL Input: Accepts URLs with various formats

- Search Button: Displays RSS sources from the provided URL

- List of Feeds: Same as in RSS sidebar

- Search History

- Advanced Search Filters

#### Newsletter Sidebar

- \*\*Components\*\*:

- \*\*Select\*\*: Displays posts marked as Newsletter

- \*\*Edit\*\*: Text editing tools with Header, Body, and Footer sections

- \*\*Templates\*\*: Saved templates for Header and Footers

- \*\*Drafts Section\*\*

- \*\*Preview Button\*\*

- \*\*Share\*\*: Options to send the final newsletter via email

- \*\*Recently Shared\*\*: List of previously shared posts

#### Profile Sidebar

- \*\*Components\*\*:

- Change Email

- Change Password

- Profile Picture

- Account Settings

### Main Area

- \*\*Behaviour\*\*:

- Adapts width based on sidebar status

- \*\*Main Sections\*\*:

- \*\*Search Results\*\*: Displays sources in horizontal cards

- \*\*Cards\*\*: Source image, title, URL, description, follow/save options

- \*\*Feed Posts\*\*: Displays posts in various formats (cards, stack, list)

- \*\*Post Cards\*\*: Post image, title, description, date/time, action icons

- \*\*Post Filtering Options\*\*

- \*\*Post Sharing Options\*\*

- \*\*Newsletter\*\*: Displays tagged posts for the newsletter

- \*\*Newsletter Editor\*\*: Text editing area with toolbar and imported content

- \*\*Toolbar\*\*: Font selection, size, styling, alignment, image import, table creation

- \*\*Document Area\*\*: Editable content with magnetic alignment for images

- \*\*Autosave\*\*

- \*\*Undo/Redo Buttons\*\*

- \*\*Preview Mode\*\*

- \*\*Newsletter Share\*\*: Sends the final newsletter to the destination email

- \*\*Scheduling Options\*\*

- \*\*Recipient List Management\*\*

### Additional Components and Behaviours

#### User Experience Enhancements

- \*\*Loading Spinners/Progress Indicators\*\*: For actions like logging in, registering, and loading feeds.

- \*\*Feedback Messages\*\*: For actions such as login, registration, and feed management.

#### User Interactions

- \*\*Hover Effects\*\*: Subtle animations when hovering over buttons and icons to enhance interactivity.

- \*\*Keyboard Shortcuts\*\*: For common actions like saving, sending, or navigating between sections.

#### Accessibility

- \*\*ARIA Labels\*\*: Ensure all interactive elements are accessible via screen readers.

- \*\*Keyboard Navigation\*\*: Make sure all parts of the website are navigable using the keyboard.

### Containers

#### Modal Containers

- \*\*Feed Management Modal\*\*: For adding, editing, and deleting RSS feeds.

- \*\*Newsletter Preview Modal\*\*: To preview newsletters before sending.

#### Alert Containers

- \*\*Global Alert Container\*\*: For showing alerts or messages at the top of the page.