

UI Pages and Components

Home Page

Components & Function

Page Header

Navigation Menu – Navigate to associated pages.

Menu Container

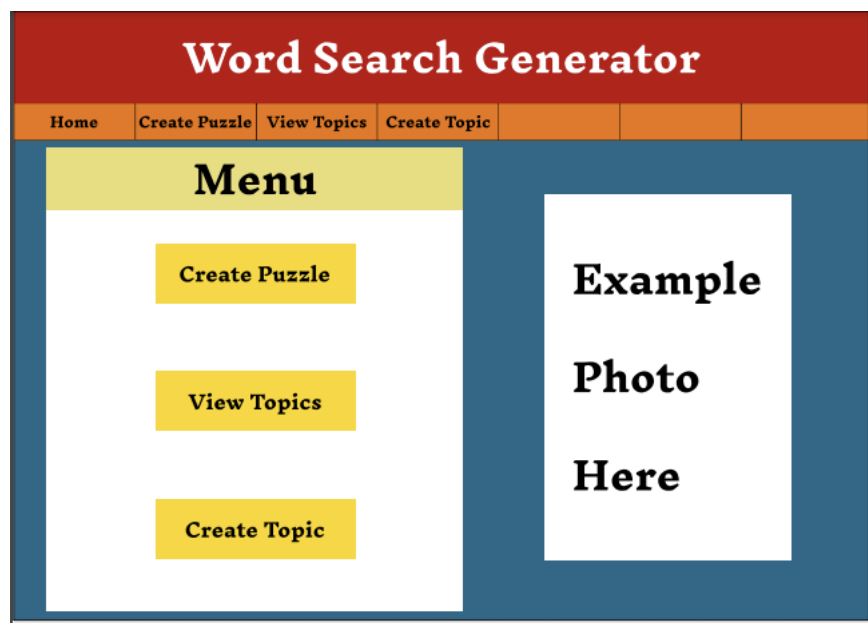
Container Header

Create Puzzle – Navigate to the Create Puzzle page

View Topics – Navigate to the View Topics page

Create Topic – Navigate to the Create Puzzle Page

Photo container



Puzzle Generator

Components & Function

Page Header

Navigation Menu – Navigate to associated pages.

Functions Container

Preview Topics – Navigate to the Preview Topics page

Topic Dropdown – List of topic tags available in database

Difficulty Dropdown – List of difficulties associated with a specific selected topic

Instructions - Text

Generator Container

Header

Preview Puzzle - View puzzle

Generate Button – Completes logic and creates output object to display in the Puzzle Preview box

Reload – The same as the Generate Button

Create PDF – Downloads the Puzzle Preview to a PDF. Downloads PDF and opens in a new tab.

The image shows a web application titled "Word Search Generator" with a red header. Below the header is a navigation menu with buttons: "Home", "Create Puzzle", "View Topics", "Create Topic", and three empty buttons. The main content area is divided into two columns. The left column has a "Preview Topics" section with a green header, followed by a "Topic:" dropdown menu (labeled "Dropdown 2") and a "Difficulty:" dropdown menu (labeled "Dropdown 1"). Below these is an "Instructions" section. The right column has a "Puzzle Generator" section with a grey header. Inside, there's a "Preview" section with a large white box labeled "Puzzle Preview". At the bottom of the right column are three buttons: "Generate", "Reload", and "Create PDF".

Preview Topics

Components & Function

Page Header

Navigation Menu – Navigate to associated pages.

Preview Topics Container

Container Header

Puzzle Generator Button – Navigates to the puzzle generator page

Create a Topic Button – Navigates to the Create Your Own Topic page

Edit Existing Topic Button – Navigates to the Edit Existing Topic Page

Choose Topics Container

Container Header

Preview Topics – Navigate to the Preview Topics page

Topic Dropdown – List of topic tags available in database

Difficulty Dropdown – List of difficulties associated with a specific selected topic

Instructions - Text

Word Preview Container

Header

List of Topics – Shows topic components in an expanded choice list.



Edit Existing Topics

Components & Function

Page Header

Navigation Menu – Navigate to associated pages.

Container Header

Choose Topics Container

Preview Topics – Navigate to the Preview Topics page

Topic Dropdown – List of topic tags available in database

Difficulty Dropdown – List of difficulties associated with a specific selected topic

Instructions - Text

Choose Topic Container

Header

List of Topics – Shows topic components in an expanded choice list.

Preview Topics Container

The screenshot displays the 'Edit Existing Topics' page of a 'Word Search Generator'. At the top is a red header with the title 'Word Search Generator' in white. Below this is an orange navigation bar with buttons for 'Home', 'Create Puzzle', 'View Topics', 'Create Topic', and three empty buttons. The main content area has a green header 'Edit Existing Topics'. On the left, a vertical stack of boxes includes 'Choose a Topic' (yellow), 'List of Topics' (purple), 'Requirements Check' (yellow), and 'Existing Words Editor' (white). On the right, a green-bordered box contains 'Available Difficulties' (orange) and 'Entered Words' (orange) sections. At the bottom, a green bar contains four buttons: 'Delete Topic', 'Edit Topic Name', 'Make Changes', and 'Create New Topic'.

Create Your Own Topic 1

Components & Function

Page Header

Navigation Menu – Navigate to associated pages.

Container Header

Tab Object

Manually Upload Tab

Upload Container

Topic Name Text Box – Takes an input of a topic name

Requirements Check – Dynamic text validation object based off the Topic Name and Word Entry

Word Entry – Takes text input of words without spaces

Difficulties – Displays a dynamic list of available difficulties based on requirements of topic name and word entry

Entered Words – Displays entered words based off validated input from the Word Entry

Word Search Generator

Home Create Puzzle View Topics Create Topic

Create Your Own Topic Preview Topics

Manually Upload Upload with AI

Topic Name:

Requirements Check

Word Entry

Available Difficulties

Entered Words

Upload Topic

Create Your Own Topic 2

Components & Function

Page Header

Navigation Menu – Navigate to associated pages.

Container Header

Tab Object

Upload with AI Tab

Information Container

Instructions Container

Container Header

Text with Instructions

How It Works Container

Container Header

Text with Information

File Upload Container

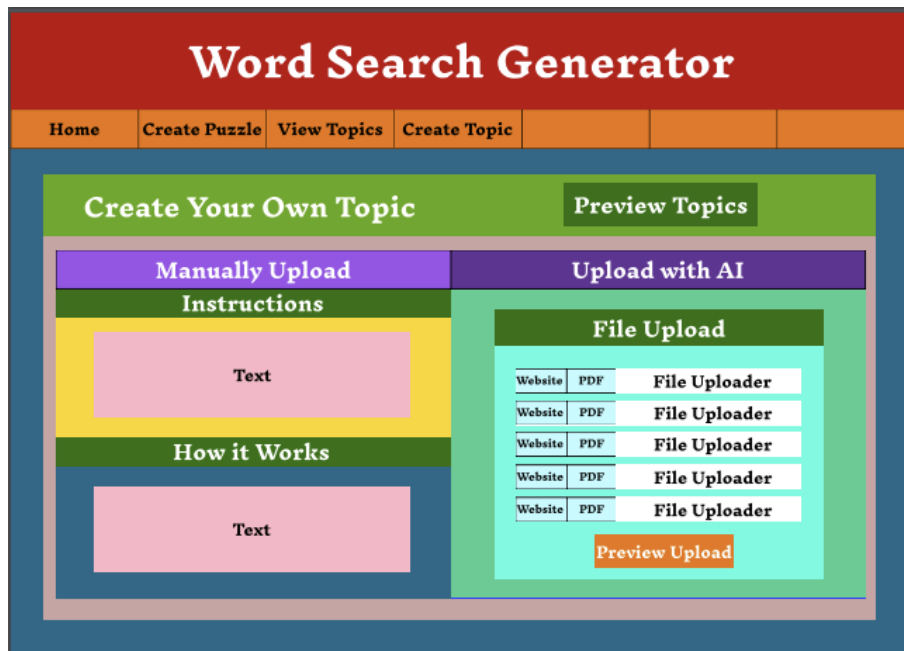
Container Header

Upload Container

Website Button – Designates the URL entry container

PDF Button – Designates the File Uploader Container

Preview Upload – Brings up the AI Topic Preview Overlay



AI Topic Preview Overlay

Components & Function

Page Header

Navigation Menu – Navigate to associated pages.

Create Your Own Topic 2 Page

Overlay Container

Header

Detected Topic – Displays the topic scraped from the inserted web pages/documents

Keywords Container

Header

Words Display – Displays the detected words from CBoW model.

Cancel Button – Closes Overlay and dumps information

Create/Edit Button – Takes user to Edit Topic page with pre-populated information stored from the generator

