**Registration Form Web Application Documentation**

This document provides a comprehensive overview of the HTML, CSS, and JavaScript code that comprises the Registration Form web application. The application includes a login form and a registration form with interactive elements to enhance the user experience.

**HTML Structure**

The HTML structure is divided into various sections to organize content and functionality.

**Document Structure**

* **Document Type Declaration:** **<!DOCTYPE html>** specifies the HTML5 document type.
* **Language Attribute:** **lang="en"** defines the language as English.

**Head Section**

* **Meta Tags:** Charset, viewport, and compatibility meta tags are included.
* **Title:** Specifies the document title as "Registration Form."
* **Stylesheets:** Links to external stylesheets, including Normalize.css, custom styles (**styles.css**), and Google Fonts (Poppins).
* **Normalize.css**: A CSS reset to ensure consistent default styling across different browsers.
* **Custom Stylesheet**: Reference to an external CSS file.
* **Google Font:** Imports the Poppins font from Google Fonts.
* **FontAwesome:** External stylesheet for scalable vector icons.

**Body Section**

* **Registration Form Container:** Contains the registration form and is initially displayed.
* **Login Container:** Hidden initially; becomes visible on user interaction.
* **JavaScript Inclusion:** Reference to an external JavaScript file for dynamic behaviour.

**CSS Stylesheet**

**Global Styles**

* **Universal Reset:** **\***, **::before**, and **::after** have padding and margin set to 0, and box-sizing is set to border-box.
* **Font Size:** Sets the base font size to 62.5% for easier rem calculations.
* **Body Styling:** Specifies the font family and background color.

**Button Styles**

* **Button Styling:** Applies a consistent style to buttons.
* **Hover Effect:** Changes background and text color on hover.

**Login Section Styles**

* **Login Container:** Container styling for the login section.
* **Form Styling:** Styles for the login form.
* **Additional Styles:** Additional styles for login form elements.

**Registration Form Styles**

* **Registration Container:** Container styling for the registration section.
* **Additional Styles:** Additional styles for registration form elements.

**Media Queries**

* **Responsive Styles:** Adjust styles for different screen widths using media queries.

**JavaScript**

* **Button Selection:** Selects buttons and containers using their IDs.
* **Toggle Function:** Toggles the visibility of the login and registration forms.
* **Event Listeners:** Listens for clicks on buttons to trigger the toggle functionality.

Certainly! Below is a documentation for the provided HTML code:

**Bookbreeze Book Reading Club Registration Form**

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**Introduction**

This HTML document represents the registration form for the Bookbreeze Book Reading Club. It includes sections for user login, registration, and a congratulatory message for new members. The form is designed to collect essential information from users interested in joining the book club.

**HTML Structure**

**Document Type Declaration and Language Setting**

htmlCopy code

<!DOCTYPE html> <html lang="en">

Specifies the document type and sets the language to English.

**Head Section**

htmlCopy code

<head> <!-- Meta tags, title, external stylesheets, and fonts --> </head>

Contains metadata such as character set, viewport settings, and links to external stylesheets and Google Fonts.

**Body Section**

htmlCopy code

<body> <!-- Login form container --> <div class="login-container-display" id="login-container"> <!-- Login form --> <form class="login-form"> <!-- Login form fields and button --> </form> </div> <!-- Registration form container --> <div id="registration-form-container"> <!-- Registration form --> <form action="post" id="registration-form"> <!-- Registration form fields and button --> </form> </div> <!-- Congratulation container --> <div id="congratulation-container" class="congratulation-container-display"> <!-- Congratulations message and information for new members --> </div> <!-- JavaScript file inclusion --> <script src="./index.js"></script> </body> </html>

**CSS Styles**

Normalize.css Inclusion

htmlCopy code

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/normalize/8.0.1/normalize.min.css">

Includes the Normalize.css file to ensure consistent styling across different browsers.

Custom Stylesheet Inclusion

htmlCopy code

<link rel="stylesheet" href="./styles.css">

Links to the custom stylesheet (**styles.css**) for additional styling.

Google Fonts Inclusion

htmlCopy code

<link rel="preconnect" href="https://fonts.googleapis.com"> <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin> <link href="https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,400;0,600;0,700;1,300&display=swap" rel="stylesheet">

Connects to Google Fonts to apply the Poppins font to the document.

**JavaScript Functionality**

JavaScript File Inclusion

htmlCopy code

<script src="./index.js"></script>

Includes the JavaScript file (**index.js**) for handling interactivity and form submissions.

**Additional Notes**

* The login form and registration form are initially displayed, and the congratulation container is hidden (**display: none**) based on the class names (**login-container-display** and **congratulation-container-display**).
* The forms include various input fields, checkboxes, radio buttons, and a textarea for collecting user information.
* The JavaScript file likely contains functionality to toggle between the login form, registration form, and congratulation container based on user interactions.
* Make sure the paths to external files (stylesheets, scripts) are correct and accessible.

This documentation serves as a comprehensive guide to understanding and maintaining the Registration Form web project.