**Project Documentation**: Signup and Login Form with Front-End Validation

**1. Introduction**

**1.1 Purpose**

This document outlines the development and implementation of a signup and login form with front-end validation using JavaScript.

**1.2 Scope**

The project aims to create a secure and user-friendly signup and login system for seamless user authentication on our platform.

**2. Features**

**2.1 Signup Form**

Collects user information, including email and password.

Implements front-end validation to ensure data integrity.

Displays real-time error messages for invalid inputs.

**2.2 Login Form**

Accepts user credentials (email and password).

Validates input on the client side to enhance user experience.

**3. Technology Stack**

**HTML5:** Structuring the forms.

**CSS3:** Styling and layout.

**JavaScript:** Implementing front-end validation.

**4. Implementation**

**4.1 Signup Form Implementation**

step 1 - div with title of the form

step 2 - div with signup and login button to change the signup and login form.

step 3 - signup form with Email and Password and confirm password input fields and "signup" button.

**4.2 Login Form Implementation**

step 1 - div with title of the form with the class Name title-text.

step 2 - div with signup and login button to change the signup and login form.

step 3 - login form with Email and Password input fields and "login" button. \*

**5. Front-End Validation**

**5.1 JavaScript Functions**

Function 1- validateLogin – validates the login form and return real time error when the input does not satisfy validations on submitting the form.

Function 2- checkLoginPassword -- validates the password field onblur event.

Function 3- validateSignup – validates the signup form and return real time error when the input does not satisfy validations on submitting the form.

Function 4 - checkSignupPassword -- validates the password field onblur event.

Function 5 - viewLoginPassword -- show and hide the password on click of show password button.

Function 6 - viewSignupPassword -- show and hide the password on click of show password button.