

The process of user sign-up, or **registration**, is a key element of a Web application. Being able to add the functional capabilities of users to the system and perform actions only those it allows to do, is a key element of the system. In this assignment, you will implement a Web application that allows users to sign up for a new account. The user will be able to create a new account, which the system will then automatically assign a unique ID that is in a given domain and is not shared.

Requirements

1. The sign-up process should be a single form that "takes care of" all:
2. Fields: "username" and "password".
3. When user attempts to register, all fields should be validated. You may "throw error" if possible, but it is better to have a message that is displayed on the screen, if possible, if the user is not able to register.

The image shows a web form titled "Sign Up". It contains three input fields: "Username", "Password", and "Confirm Password". Below these fields is a "Sign Up" button. The form is set against a light blue background.

4. **When the user clicks "Sign Up", all of the above fields should be validated and an account**

The image shows a dialog box with the following text: "Message received. Account has been created. Your account will be activated." Below this text is a checked radio button labeled "Always allow sign-up" and a link "I want to deactivate my account". There are also fields for "Strength" (set to "Default") and "Country" (set to "United States of America"). At the bottom, there is a "Sign Up" button.