

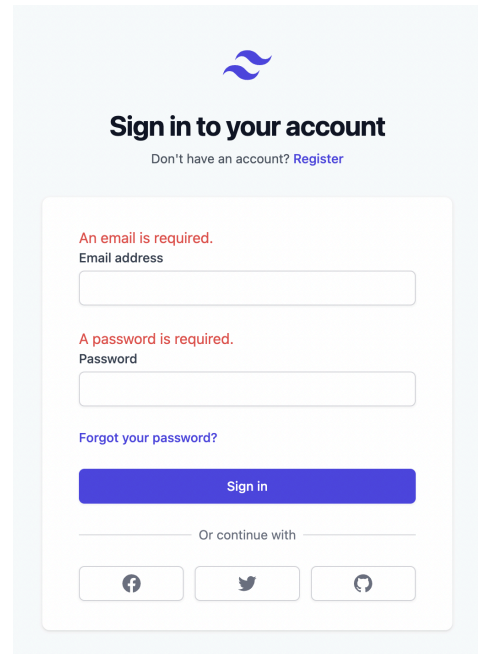
## Lab 3

# COMP 3015: Web Application Development

### Your mission:

Build a login page that accepts an email address and password. The login page should be reasonably styled (e.g. you could make it similar to the registration page using TailwindCSS). Error messages must be shown in the case of email or password validation errors. As this lab isn't focused on how to implement validation, the validation rules are up to you. At a minimum, check that the fields are not empty.

When a guest user submits any email address ending in “@bcit.ca”, redirect them to dashboard.php. This means that if the submitted email address contains “@bcit.ca”, we will want to store a “flag” value in session data indicating that the user is authenticated. No users without this “flag” in their session data should be able to access the restricted page. For the purpose of this lab, the email address of the user might make a good flag! (eg. “email” => “chris@bcit.ca”)



### Requirements:

- The dashboard.php page must not allow any guest users to access it.
  - If a guest user tries to navigate to it, redirect them to login.php.
- Error messages should be displayed using session flash messages (you can refer to the registration file).
- If an error occurs, ensure the user does not need to enter their email on the login page again. You can store their email in session data. A good session data key to use might be “attempted\_email”, or similar.
- If there is an error with the password or email (but an email was provided), then after the page reloads, the email should still be in the form.
  - You’ll need to store the email in \$\_SESSION.
- After an email and password are provided, redirect to the dashboard.php page and display a welcome message, which contains the email of the user.
- Do NOT put the submitted password in session data.

**Submission:**

- Push your application to your GitHub repository
- Record a short demo
- Submit the GitHub and demo links to D2L

**Evaluation:**

- Functionality / 10
  - Session flash messages **and** the email address is maintained in the input field when the form is submitted and an error occurs / 6
  - Restricted page redirect and access control / 4

Total / 10