**Front End Developer Skills Test - Homework Problem**

RWS is releasing a new internal tool, JimNET, which acts as a library application for the myriad of books our CEO recommends that we read. To access the dashboard for this tool, we need a very simple login page.

The Product Owner team for this project have pre-approved a mockup for this page. **Your task is to create and implement this login page while meeting our stack's technical constraints**.

To simplify this exercise, security concerns are negligible. The passwords are stored in plain text and will be available by making a call to our servers.

**Page Workflow**

1. A user opens the page and enters a username and password
   * Username and Password are CASE INSENSITIVE. This means that if my username is jon.toy and my password is foo, entering in Jon.TOY and FoO would result in a successful login
   * No special characters are allowed, the username and password values are alphanumeric with periods only. (A-Z, 0-9, .)
2. When the user clicks the Login button:
   * If the login credentials match an account in our system, a JavaScript alert saying success will appear.
   * If the login credentials do not match any accounts in our system, an error message will appear ON THE PAGE, above the login button. The text for this error should be noticeable, with a simple error message: "Your username/password combination is incorrect. Please try again."
   * If the username or password contains a special character, an error message will appear ON THE PAGE, above the login button. The text for this error should be noticeable, with a simple error message: "Special characters are not allowed. Please try again."

**Constraints**

1. The only permittable languages are vanilla JavaScript, JQuery, HTML (valid and semantic), and CSS
2. Importing external libraries outside of the native languages is not allowed
3. We prefer you devise your own solution. You will be asked to explain your solution, thought process, and code at a later stage in the interview
4. The AJAX function provided to you must be used in your solution
   * Please see the attached sample.html file for an example on how to use this function

**To help, we have prepared the following for you:**

1. A mockup of the page
   * <https://www.retailerwebservices.com/jobs/front-end-dev-js-mockup.png>
   * Implementation of the hamburger menu is **optional** for bonus points!
2. A RESTful API URL that will return a JSON object with the list of credentials
   * https://mingle.rwsgateway.com/front-end-dev-skills-test/accounts/get
3. An AJAX function from our internal JS library to make the API call with

When completed, please send us a ZIP file containing all HTML and JavaScript code so we may run it on our computers. Send the ZIP file or any questions about this assignment to [scrumwithus@retailerwebservices.com](mailto:scrumwithus@retailerwebservices.com).