

Take-home assignment

1. Choose a frontend framework.
2. Choose a backend technology.
3. Build the following feature using the provided stories.
4. Push it up to github and let us know when it's ready and where to find it!

Notes:

- the formula should be implemented on the server.
- Api calls must be authenticated, using token-based authentication.
- Stub-out a dummy user; there's no need for a database layer.
- Reach out if you have questions!

Feature: Increment counter

Scenario: User can login

Given the User is not logged in

And the User enters username and password

Then the User is logged in

And the User sees the home page

And credentials are available for subsequent api calls

Scenario: Counter is zero on start

Given the User is looking at the home page

Then the User sees "Count: 0" label centered vertically and horizontally on the page

And there is a button labelled "Increment" immediately to the right of the label

Scenario: Next counts are determined by formula

Given the current count

When the view needs the next count

Then the next count is the greater of 1 and current count * 2

Scenario: Increment button

Given the User views the page

And the Count is 0

When the User clicks on the increment button

Then a popup is displayed

And the popup displays the current count of 0

And the popup displays the next count 1

And there is a Cancel button
And there is a Confirm button

Scenario: Increment count popup Cancel button
Given the increment count popup is open
And the current count is 1
And the next count is 2
When the User clicks on the Cancel button
Then the popup is closed
And the User sees a "Count: 1" label

Scenario: Increment count popup Confirm button
Given the increment count popup is open
And the current count is 2
And the next count is 4
When the User clicks on the Confirm button
Then the popup is closed
And the User sees a "Count: 4" label