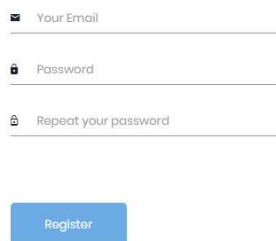


BMC Home Test

- Create Angular Project that simulate shopping cart, the project should contain:
 - 1) Registration Page with:
 - Email Field
 - Password field
 - Confirm Password field
 - The Email Should be valid email
 - Password length should be at least 6 letters and should contain at least 1 capital letter
 - Confirm password should be equal to the password.
 - User can not click on register button if the page is not valid.
(You can use Local Storage to store the register users)
 - Error should appear if user already exist

Example:

Sign up



The example shows a sign-up form with three input fields: 'Your Email' with an envelope icon, 'Password' with a lock icon, and 'Repeat your password' with a lock icon. Below the fields is a blue 'Register' button.

- 2) Login Page with:
 - Email field
 - Password field

Error should appear if user or password are not correct

(You can use Local Storage to store to get the list of users that was registered)

Example:

Sign up

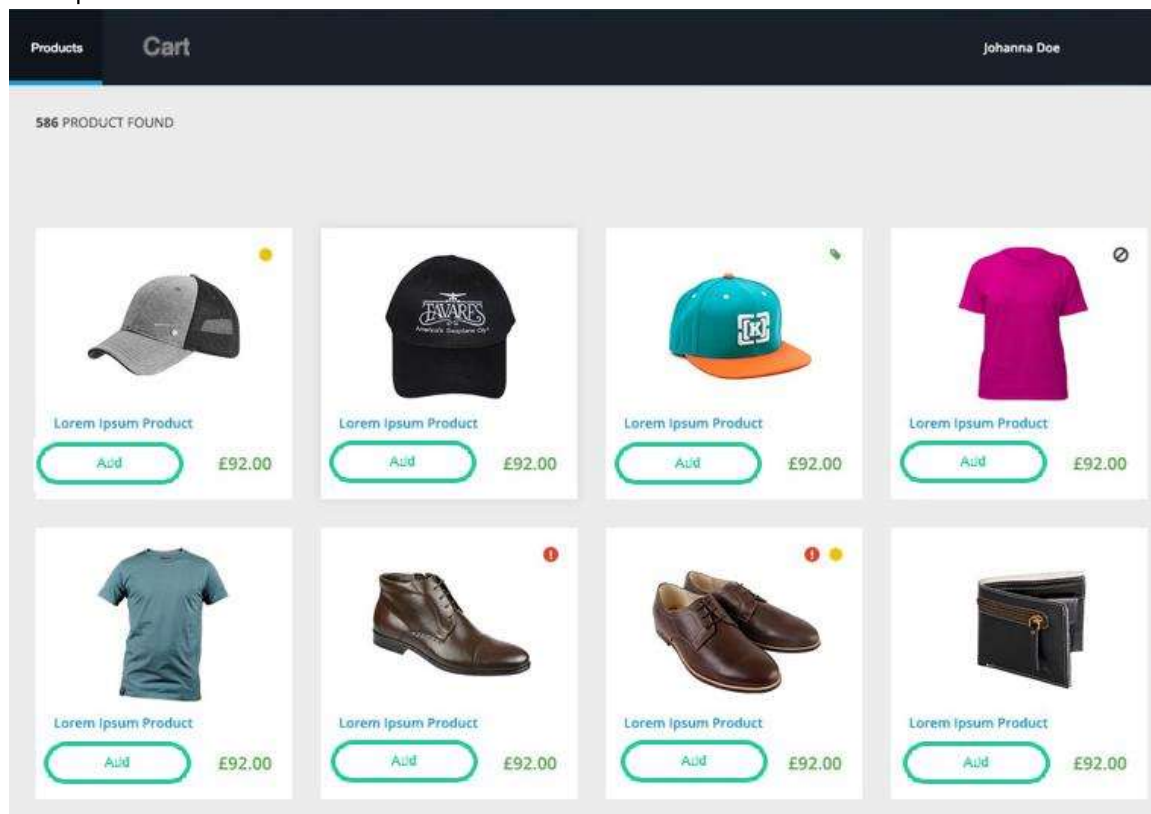


The example shows a login form with two input fields: 'Your Name' with a person icon and 'Password' with a lock icon. Below the fields are two buttons: a blue 'Log in' button and a blue 'Create an account' button.

3) Application Page

- Application page should be accessible only after successful login (Authentication guard)
- The application Page should contain header with 2 icons –
 - o One leads to page with all product list (Name, Price , Image) with 'Add button'.
 - o One leads to the shopping cart that display the list of products that was added to the cart
 - o **Bonus** – Cart should remain on same state even after exit and re-login to the application

Example:



Write End to End Automation Test using Playwright (Registration + Login + Add to cart & View Cart List) to your application.

Bonus:

- Add More automation tests to verify the application
- Have 2 Lazy loading modules – One for Products & One for Cart
- Create simple server side that will provide the APIs (Register/Login/getProducts)

Playwright: <https://playwright.dev/>

Angular tutorial: <https://angular.io/tutorial>

