

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

✉ Your Email

🔒 Password

🔒 Repeat your password

Register

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

👤 Your Name

🔒 Password

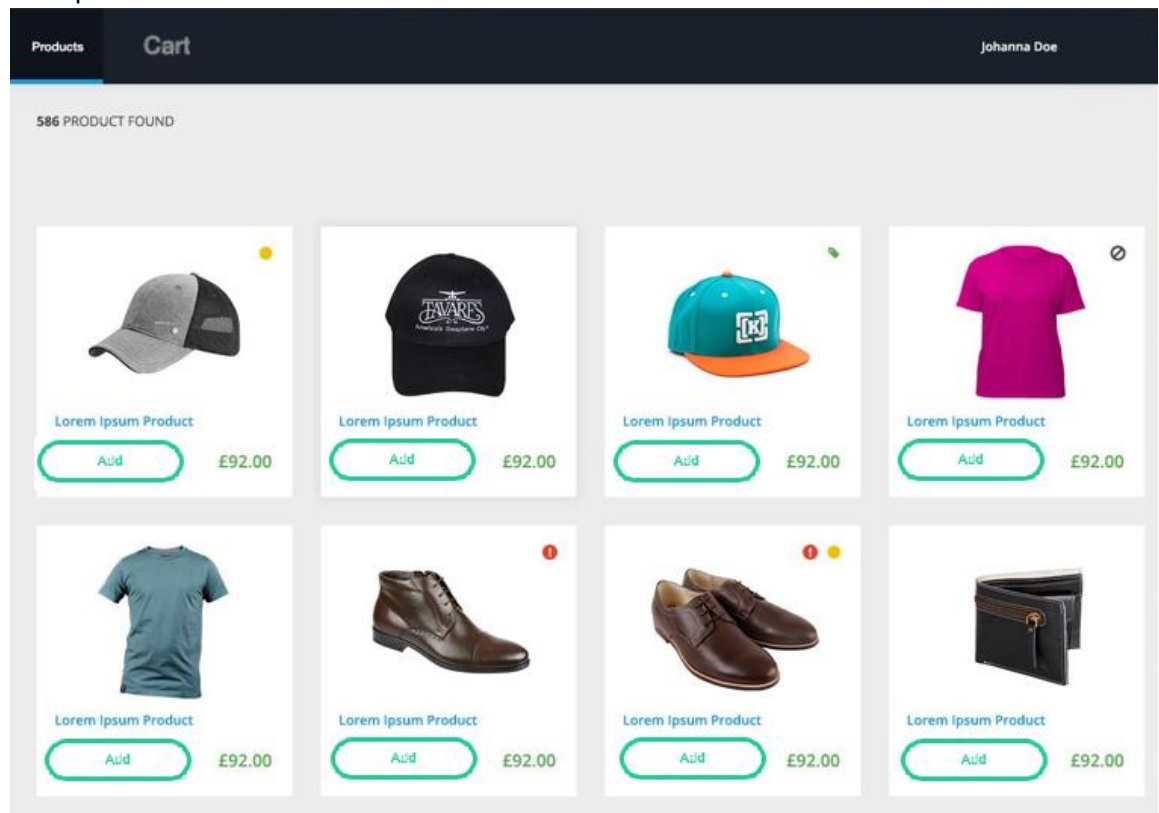
Log in

[Create an account](#)

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>

