



Assignment 6

Due: Wed 04.12.2019; 18:00h (1 Week)

Goals

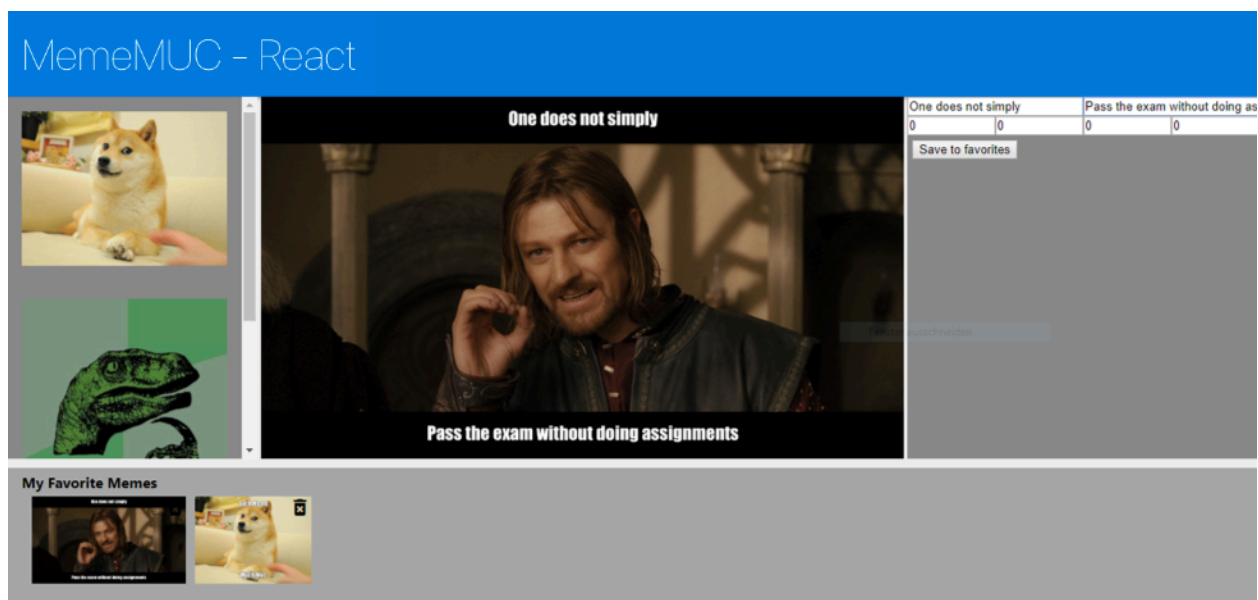
This assignment trains you in...

- Debugging and testing webapps in React

Task 1: Testing Meme History - Planning

Difficulty: Medium

You have implemented the meme history function last week. It is time to write some tests with the feature. The first step is to think about what you should test with.



Please write down the necessary procedure (e.g. displayed element, clicked elements, input texts, and etc.) of testing the following features:

1. "Save to favorite"
2. Restoring a meme
3. Deleting a meme from the history

Write your answer in a .txt file and include it in your submission in a folder "task01".



Task 2: Testing in Meme History – Implementation

Difficulty: Hard

1. Implement all tests that you answered in the previous task.
2. To make sure your tests have properly tested all your code, code coverage is a good measurement to qualify your testing. You can change the test script in package.json from “react-scripts test” to “react-scripts test --coverage”, then run your tests again. Improve your tests and achieve 100% coverage.

Submission

Please turn in your solution as ZIP file via Uni2Work. You can form groups of up to three people.

We encourage you to sign up for Slack! All you need is a CIP account and an email address that ends in “@cip.ifi.lmu.de”. Ask us if you don’t know how to get them.

If you have questions or comments before the submission, please contact one of the tutors. They are on Slack [@Aleksa](#) and [@Andre](#), remember that they also want to enjoy their weekends 😊

It also makes sense to ask the question in our #omm-ws1920 channel. Maybe fellow students can help or benefit from the answers, too!