UDACITY

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eCommerce Application

REVIEW
CODE REVIEW
HISTORY

Meets Specifications

Congratulations, Kudos for such brilliant work.

👏 Your project meets all the rubrics.

Below are some appreciation comments for you:

- I am really impressed with the hard work and efforts which you devoted for this project.
- The app looks great!!
- Keep up the awesome work and problem solving approach which you followed.
- Learning is a continuous and comprehensive process, keep it going.

Refer Spring Boot Docs and Spring Boot with Docker for more knowledge and future learnings.

There are lot more challenges to encounter. Good luck with your upcoming project and keep rocking.

⭐ **Special appreciation for such great implementations and hard work. To me it seems to be the work of the great JAVA Developer.**

HAVE A HAPPY LEARNING THANK YOU!

So this was my feedback and no one is perfect, I would really appreciate you giving your feedback on my review 😄

Good luck! Happy learning👍🏽 Stay 🆄

Stay safe and healthy. Together we will defeat corona.

Authentication and Authorization

All project code has been organized properly and is in git, with proper branching.

No extra files have been included using `.gitignore` .

Hey, rubric here requires couple of specifications that need to be fulfilled. We need to setup our code on github with proper branching strategy in place. We need to follow branching strategies and also merge code in master. Also we need to create file `.gitignore` which will exclude unnecessary files in the commit. We are really impressed that all of them are well implemented. We have mentioned them below:

Meets Expectations

- Code should be on github with proper branching strategy. There should be branching strategy and also merging of code in master should also be followed. All of it is well achieved in the implementation. Keep it up pal! ✅

- File `.gitignore` should be present in the submission to exclude unnecessary files in the submission. This will exclude files and also maintain a proper code structure with less size which anyone can use for coding. All of it is well achieved in the implementation. Please refer Use of .gitignore for more details. ✅

Overall kudos for the brilliant work done

App validates authentication of the user to let them into the project. Proper JWT headers are present and utilized correctly.

The following are only accessible after authenticated:

- Logged in, user profile
- Cart details
- Purchase History
- Password should check some length requirement and a confirmation field in the request to check for typos

Hey, rubric here requires couple of specifications that need to be fulfilled. We need to implement security mechanism using JWT headers. All the endpoints except signup and login should be protected behind these headers. We also have to implement some password validations in place. We are really impressed that all of it is achieved in first submission. Please refer below:

Meets Expectations

- JWT security mechanism is implemented and all the endpoints are protected behind headers. Until and unless they are not added we will not be able to access endpoints except login and signup. Great work done here ✅

- We should be able to access items, cart functionality and creation of orders using the headers returned in response at the time of login request. This is working perfectly ✅

- We need to implement some validations here for password length and typos. We should check password length against predefined parameter also we should check for password correctness. This is working perfectly ✅

Overall kudos for the brilliant work done

Code coverage of 60% is met through tests. The tests include sanity and regression test cases and take care of negative tests as well.

Hey, rubric requires couple of specifications that need to be fulfilled. We need to implement test case for all the Controller scenarios and they should pass with appropriate test coverage of above 60%. We are really impressed that all the scenarios are covered. Please refer below:

Meets Expectations

- Test cases are implemented for all of the Controllers in place. Each and every functionality of controllers are tested. Implemented test cases are passing successfully. Keep it up pal! ✅

- Coverage required is covered by the test case implementation. Keep it up pal! ✅

- JWT logic is also covered through test case implementation. ✅

Overall kudos for the brilliant work done. Now refer Spring Boot Integration test for next steps in this.

Metrics, Dashboards and Alerts

The code traces at least the following:

- CreateUser request successes
- CreateUser request failures
- Exceptions

- order requests successes
- order requests failures

Logs are indexed to Splunk.

The code sets up at least one alert (of your choice) for the system. For example:
Create dashboard for success rate per minute of any one CreateUser and order, and take a screenshot.

Screenshots are provided showing some query results and the alert setup.

Hey, rubric requires couple of specifications that need to be fulfilled. We need to log some of the above mentioned metrics. Also we need to upload the logs file on Splunk and setup alerts for success rate of user creation. We are really impressed that this is achieved in first attempt. Please refer below:

Meets Expectations

- All the above mentioned metrics are logged using standard logging mechanism. Great work pal! ✅

- Alerts are created as asked in the rubric and also screenshot for same is added in the submission. Screenshot showing some request graphs and query dashboard is also added. ✅

Overall kudos for brilliant work done. Refer Use of Splunk for more details.

CI/CD

The submission manages build and deployment of the application with Jenkins:

- Submission includes logs or screenshot showing successful Jenkins build and project setup

Hey, rubric requires couple of specifications that need to be fulfilled. We need to setup our applications on jenkins to build it on CI server. To verify we have to provide screenshot for successful build and project setup. We are really impressed that all of this is achieved in first submission. Please refer below:

Meets Expectations

- Screenshot for project setup on Jenkins are added in the submission ✅
- Screenshot showing successful project build on jenkins are added in the submission. ✅

Overall kudos for the brilliant work done. Refer Jenkins as CI server for more details.

⬇ DOWNLOAD PROJECT

RETURN TO PATH

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START