

▲ My feedback

Group feedback

Peer feedback



Jacobs, Lucas L.L.G.T.





Checkpoint 17 bp individual 19-06-2024



Jacobs, Lucas L.L.G.T. 3 hours ago

I showed my progress and what was still left to do. The documentation that I am writing is at the graduation level. For figures when referring to them, use the figure names. Progress is all proficient, try to put all the evidence in the portfolio, and have in the reading guide why some learning outcomes are advanced and what is done for it. The final action is to do E2E for deployment in the pipeline and do some tests with Azure load testing.



Write a summary of what you discussed with your teacher...

Post feedback

Checkpoint 16 felipe 17-06-2024 🖬





Jacobs, Lucas L.L.G.T. 2 days ago

I showed my implementation documentation for security and data storage with GDPR. This looked good and explained some questions Felipe had. Furthermore, I have some last actions that I need to add.

- Add E2E tests for deployment
- Have Azure Load testing to do some heavy load testing.

The goal is to finish this by the end of this week, with all the proof of implementation inside of the portfolio.

Checkpoint 15 bp and fe 10-06-2024 **■**





Jacobs, Lucas L.L.G.T. 9 days ago

I showed the implementation of the fully integrated CI/CD pipeline with all the stages. Also showed the deployment with load testing and basic monitoring. The progression is good, with applied feedback of thinking about the non-functional requirements. Some small things to work on and implement:

- Add redis (caching)
- Add in the front end the update and delete a user.
- Securing the passwords in the deployment files.
- Load test using Azure load to test with a larger number of users. Also, try and use the utilization of the HPA set to 80-90 percent and see what happens. Test using a post.
- Have some advanced monitoring settings in Grafana.
- Add E2E tests for deployment in the pipeline.

Goal: To implement these finishing touches before next week.

Checkpoint 14 bp and f 03-06-2024 **■**





Jacobs, Lucas L.L.G.T. 16 days ago

I showed the progress and the things I am working on. The CI/CD structure is looking fine, the cloud implementation is also good. For showing implementation in the portfolio, when adding something first reason how this contributes to my non-functional requirements. The actions that I told to the teachers are good, and next week we should talk about my progress. Actions:

- Properly reason why things bring value to my application when implemented based on my non-functional requirements.
- Finish deployment, monitoring, and load testing.
- Add the evidence in my portfolio with reasonings.

Goals:

• Deployed application with evidence uploaded to a portfolio that contributes to my non-functional requirements.

Checkpoint 13 fe - portfolio 27-05-2024





Jacobs, Lucas L.L.G.T. 23 days ago

We discussed the progress based on the portfolio with all the things that I have done. I showed the current state of the pipeline, the flow, implementation of authentication and authorization, the cloud integration, and the distributed data on how I store data with what measurements I took and in relation to GDPR. The progress is good, the validation you gave is good on the things you made, and you're on schedule. Now in order to further verify the LOs to proficient, have the following actions.

- Deployment on Azure.
- Implement monitoring to then start load testing.
- Finish the pipeline to add code quality checks and deployment. Goals: By the end of the sprint have deployment on the online environment (cloud: azure), with the deployment in the pipeline, and start on monitoring

After the sprint implement the remaining parts.

Checkpoint 12 Personal Talk with SC 23-05-2024





Jacobs, Lucas L.L.G.T. a month ago

We discussed the progress of how it is going thus far in the semester. This was done by showing and discussing my progress based on the learning outcomes. I showed the research I have done for both the group project and individual project. Furthermore, I showed the ethical design improvements for the group project, which is now marked as complete by the teacher.

Action:

We agreed on finishing the project report before the end of the third portfolio delivery. This includes the research questions, and the proposed methods to answer them, with all the results and conclusions.

Goal: To finalize the delivery for the two LOs graded by the semester coach.

Checkpoint 11 bp on portfolio 22-05-2024 🔓





Jacobs, Lucas L.L.G.T. a month ago

I have shown my workflow of the identity service with the user service and demonstrated the implementation with a demo. This is all running in docker for now. Also, I have started making YAML files for the deployment (k8s), with the installations of the software that is required to run it locally. For the secret in the YAML file, handle them securely, not only with a base64 hash. Progression is good, but I still have some challenges ahead.

Actions from feedback:

- Deploy the application, with the needed security measurements in mind such as ingress and storing passwords securely.
- Analyzing and Deployment part automated in the pipeline.
- After this is done set up a monitoring system and start load testing to gain various insides.

Goals: A deployed application that is automated and can be monitored. The pipeline has an analyzed and deployment part integrated.

Checkpoint 10 bp individual 08-05-2024





Jacobs, Lucas L.L.G.T. a month ago

I have linked my application with cloud services to store secrets and set up a database in the cloud, the teacher was pleased with the implementation, the cloud can also lean towards proficiency. Make sure to also deploy application (using Kubernetes services on Azure). I also worked on GDPR and data complexity documentation, I showed this and the requirements met the teacher's expectations, saying distributed data LO is proficient, only look at the predifined solution given for the cloud services in regards to the master-slave database (replication). Furthermore, the security document is fine, focus on implementation on authentication and authorization.

Actions from feedback:

- Have a concrete implementation of two services, with a fully functional implementation.
- Deploy your application using Kubernetes, and have a fully automated CI/CD pipeline with at least build, test, analyze, and deploy.
- Implement authentication and authorization for the application.

Goals: Have a fully working and deployed environment, that has two services with all the requirements mentioned from the actions.

Checkpoint 9 fe individual 06-05-2024





Jacobs, Lucas L.L.G.T. a month ago

Showed the improvements of my architecture, with the implemented key vault. Also showed the document regarding the GDPR and data complexity and the Security Design.

Action: From the feedback, have a look to concretely implement for each OWASP top 10 points on how to prevent it. Also, I will focus more on concrete implementation and try and finish one full service with CI/CD, etc.

Goals: Have a fully finished service that is related to the learning outcomes to have DevOps practices, cloud, and security, with the care of distributed data implemented.

Checkpoint 8 fe individual 22-04-2024





Jacobs, Lucas L.L.G.T. 2 months ago

I showed my architecture, with a demo of how my messaging is working in the code. Still need to implement two more services for the actual usage of messaging. The architecture looks okay and is validated. Also showed my research and analysis on security, making sure that the findings and research methods are noted and have a clear view of what question is being answered.

Actions: From the feedback, I need to have a clear view of what research document links to what research question. This also includes the methods that you used. Furthermore, for design, look into what you want to use for authentication and authorization in your architecture.

Goals: Make a start on the research document, that will specify the following: Each research question with the appropriate methods that have been applied to answer it, and the findings with the relevant sources to it. Furthermore, go more in-depth on what you want to do for authentication and authorization in your application.

Checkpoint 7 bp individual 17-04-2024





Jacobs, Lucas L.L.G.T. 2 months ago

I showed my C4 architecture diagram with practices that I want to apply. I need to walk through the architecture based on some cases. Also, have a second look at the security management inside of the architecture and the storing of passwords inside of the code.

Actions: Research how security can be handled in microservices, what is the best approach? can I secure it more using cloud services?

Furthermore, Update the security design report with the practices that I found from the conducted research.

Also store the passwords using environment variables, looking for the best way. And when this is done, apply it and think of scenarios in my application to verify if certain dependencies are needed.

- Have an updated and thought-out architecture with proper security setup, also considering cloud practices inside of it.
- Have environment variables instead of hard-coded passwords for security.
- Implement security checks in the pipeline.

Checkpoint 6 bp esearch 27-03-2024





Goals:

Jacobs, Lucas L.L.G.T. 3 months ago

I showed the research and some approaches to how I did research. The research questions are good, only some additional research methods need to be added, such as evaluation matrix and prototyping. Furthermore, I showed a research document regarding the software platforms, this was okay but make sure you get information from multiple points/sources. Also discussed was a short focus on learning outcomes, and adjusting planning according to LOs, so that you cover them throughout the sprints, when possible.



Paszkowski, Bartosz B.L. (Teacher) 2 months ago

please be more self reflective also note goalas and your actions that will come from the feedbakc given.

Checkpoint 5 Week 5 - F 18-03-2024 ■





Jacobs, Lucas L.L.G.T. 3 months ago

Showed my research plan. The idea does not allign with the learning outcomes/semester purposes. Therefore, try to fit the research plan into your individual.

Furthermore, showed some of the documents that I further made for the project, at first glance they looked good.

Checkpoint 4 SC talk 14-03-2024

△ You didn't submit feedback for this checkpoint.

Checkpoint 3 bp nd f 04-03-2024 **■**





Jacobs, Lucas L.L.G.T. 4 months ago

Gave a project proposal (pitch) to both the group members and the technical teachers. The idea fits the software enterprise requirements.

We all got a range of feedback that is useful to keep in mind and think of. first of all, the best practices for performance improvement, how to measure them, and give more clarity to the NFRs to research for certain data to keep as a standard.

Furthermore, look for bigger numbers, such as more concurrent users. Finally, when choosing something like architecture, where are you basing this on, best practices, look for the best criteria that are needed, and look for the best fit for your context.

In the future, try to look at these points listed and have a main focus on NFRs.

Checkpoint 2 Bespreken aanpak individueel project met SC 29-02-2024 ©





Jacobs, Lucas L.L.G.T. 4 months ago

Showed initial proposal for the project, with the way of working. We concluded that the things that I showed were too much to fit in a sprint. Instead separate it a bit more so that the documents you are going to work on, are more complete. Furthermore, for the first sprint, have some easy-tounderstand diagrams to get a good understanding of how the system works.

Checkpoint 1 Week 2 - Felipe 26-02-2024





Jacobs, Lucas L.L.G.T. 4 months ago

Short meet-up. Proposed the idea for individual track. The idea fits the Semester project, the only thing to keep in mind is to limit the Functional Requirements and give attention to the Non-Functional Requirements with keeping a eye on the learning outcomes.