

Documentation Home	2
MEETING REPORT WEEK 3	3
MEETING REPORT WEEK 4	4
MEETING REPORT WEEK 5	6
MEETING REPORT WEEK 10	7
MEETING REPORT WEEK 11	8
MEETING REPORT WEEK 12	9
MEETING REPORT WEEK 13	10
MEETING REPORT WEEK 14	11
MEETING REPORT WEEK 6	12
MEETING REPORT WEEK 7	13
MEETING REPORT WEEK 9	14


Documentation Home

Welcome to your new space!

Spaces help your team structure, organize, and share work, so every team member has visibility into institutional knowledge and access to the information they need to do their best work.

Get started with the basics

Start editing this page:

- ☐ Click the pencil icon  or `e` on your keyboard to edit and start typing. You can edit anywhere.
- ☐ Hit `/` to see all the types of content you can add to your page. Try `/image` or `/table`
- ☐ Use the toolbar at the top to play around with font, **colors**, ^{formatting}, and more
- ☐ Click `close` to save your draft or `publish` when your page is ready to be shared

▮ Need some inspiration?

- Check out our [Confluence best practices guide](#).
- Get a quick intro into what spaces are and how to best use them at [Set up your site and spaces](#).
- Check out our guide for ideas on how to [set up your space overview](#).
- If starting from a blank space is daunting, try using one of the [space templates](#) instead.

MEETING REPORT WEEK 3

Team Name: TechSystemsAL

Date of Meeting: 21/03/2023

Start Time: 12:45 End Time: 13:15

Meeting Location: Cafeteria

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Voting for the group leader
2. Deciding the subject of the project
3. Deciding the name of the team and product
4. Assigning initial tasks

Decisions Made:

1. Each member of the group voted in a transparent poll. After the result calculation, Joana Jaupi was chosen as the group leader.
2. Each team member took part in a brainstorming session providing ideas and thoughts about the main subject that the project will be based on. Attention was given to the originality of the idea, quality of the work it could potentially provide and its scalability. In the end, the team decided to base the project idea around an e-commerce website related to technology product and services.
3. Based on prior thoughts and considering the project idea, we decided to name our team “**TechSystem**” and our first product “**TechPlaza**”

Tasks Assigned:

Joana Jaupi: Plan for the meetings in the upcoming weeks and organization of task in the team.

Jon Mukaj: Prepare the communication channel and issue tracking service for the team.

Fabio Marku: Make an outline of the project scope based on the information provided by Joana and Jon.

Kevin Tenolli: Make a draft of project plan that will include the resources needed for the project, and technology used.

Mateo Tuku: Define the tech stack that will be used for the project.

Joni Dajçi: Make a roadmap of the timeline and milestones of the project.

Lorenc Rrapaj: Gather information about the market trend and competitors in addition to the needs of users in the e-commerce market.

MEETING REPORT WEEK 4

Team Name: TechSystemsAL

Date of Meeting: 28/03/2023

Start Time: 12:45 **End Time:** 13:20

Meeting Location: Cafeteria

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Discussing tech stack
2. Organizing the workflow
3. Discussing about the product and project in general
4. Dividing the competences and domains of work

Decisions Made:

1. First, we discussed the optimal technology stack for developing the web-based e-commerce application. The discussion revolved around selecting the most suitable programming languages, frameworks, and databases to ensure efficient development and seamless user experience. Factors such as scalability, maintainability, and compatibility were taken into account, as our team aims to create an application that could support a growing number of users and transactions over time. Based on the reasons above, we decided that our tech stack would consist of Javascript (React and NodeJS), Postgresql for DB, Github for VCS, and Microsoft Azure as cloud providers, in addition to other open-source tools.
2. The team also focused on organizing the workflow, recognizing the importance of having a well-structured and efficient work process. The discussion covered aspects such as task issuing, goals planning, and usage of our version control system, Github. By utilizing an agile methodology and incorporating regular feedback loops, the team intended to ensure timely delivery of each phase of the project while also being able to adapt to any changes in requirements or priorities.
3. We aimed to create a platform for a broader conversation about the e-commerce project as a whole. Team members shared their vision for the final product, including features that would set it apart from competitors and make it attractive to potential users. They also discussed potential challenges and issues they may encounter during the development process and brainstormed ways to mitigate those risks.
4. Recognizing the diverse skillsets and expertise within the team, the discussion turned towards dividing the competences and domains of work. This involved assigning specific roles and responsibilities to each team member, such as front-end development (Kevin and Lorenc) , back-end development (Fabio and Joni), UX/UI design (Joana), database managment(Mateo), and cloud infrastructure(Jon). In addition, apart from the technical tasks, Joana and Jon were assigned competences related to project managment and documentation. By clearly defining each individual's scope of work, the team aims to optimize productivity and streamline collaboration, ultimately ensuring a successful project outcome.

Tasks Assigned:

Joana Jaupi: Start making the designs of the first prototypes for the web app and initiate the requirements engineering process.

Jon Mukaj: Setup the dev environment, pipeline of project and containers for the other members of the team.

Fabio Marku: Start with making use cases/scenarios about the product and the system in general.

Kevin Tenolli: Set up project in frontend and backend and research practices and libraries required in the context of project.

Mateo Tuku: Setup the Postgres database in collaboration with Jon and devise a plan about the ERD schemas.

Joni Dajçi: Work in close collaboration with Fabio making a plan about the initial key and important aspects that the backend should include.

Lorenc Rrapaj: Start creating the first components in React based on existing systems to use as a base of operation when the process of requirement specification is finished.

MEETING REPORT WEEK 5

Team Name: TechSystemsAL

Date of Meeting: 04/04/2023

Start Time: 12:45 **End Time:** 13:10

Meeting Location: Cafeteria

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Evaluating the progress
2. Discussing the authorization levels of web application

Decisions Made:

1. During the meeting, the team dedicated time to evaluate the progress made so far on the web-based e-commerce application. This involved reviewing completed tasks of each members, discussing we have encountered. We decided that this process would be continuing in the ongoing weeks. This way, by conducting a thorough evaluation, transparency can be maintained, and the team can properly stay in track.
2. Another important topic discussed in the meeting was the authorization levels within the web application. The team addressed the need to implement a robust and secure access control system to ensure the protection of user data and the integrity of the application. For the cloud infrastructure we decided to implement the various authentication methods and techniques provided by Azure such as role-based access control (RBAC), while for the application a 3 level authorization would be implemented with the aim of developing a secure and user-friendly system without hindering the end-user.

Tasks Assigned:

Joana Jaupi: Continue with the requirement engineering process and UI/UX designs.

Jon Mukaj: Work with deploying and publishing the initial app to Cloud for the test and prod environment.

Fabio Marku: Start working in the business logic side of the application.

Kevin Tenolli: Start working in the frontend side of app utilizing the designs made by Joana.

Mateo Tuku: Create the initial relational schema of the database for testing purposes

Joni Dajçi: Start working in the business logic side of the application.

Lorenc Rrapaj: Start working in the frontend side of app utilizing the components he has created until now.

MEETING REPORT WEEK 10

Team Name: TechSystemsAL

Date of Meeting: 09/05/2023

Start Time: 12:40 **End Time:** 13:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Evaluating the progress
2. Main tasks for upcoming weeks

Decisions Made:

During this meeting, we evaluated the progress of each team member. We have seen considerable advancement on multiple fronts. Mateo and Fabio have improved the Entity-Relationship Diagram (ERD) for our e-commerce app, Joana has completed the basic UI designs, Jon managed CI/CD pipelines using GitHub Actions, Joni began researching testing methods, and Kevin and Lorenc have begun connecting backend functionalities to the frontend part of the app.

We deduced that we're maintaining good momentum and are on track to achieve our goals. Looking ahead, our main tasks will continue to be focused on developing key features and functionalities for our e-commerce web app. The structure of our teams will remain the same, each focusing on their designated areas.

Tasks Assigned:

Joana Jaupi: Start integrating user feedback into the current design and work on creating designs for additional features.

Jon Mukaj: Continue managing CI/CD pipelines and work on optimizing the deployment process.

Fabio Marku: Continue refining the ERD with Mateo and start working on implementing the business logic based on it.

Kevin Tenolli: Continue collaborating with Lorenc to implement backend functionalities into the frontend part of the app.

Mateo Tuku: Continue refining the ERD with Fabio and start creating the database based on it.

Joni Dajçi: Develop a testing strategy for our e-commerce app and start implementing initial tests.

Lorenc Rrapaj: Continue collaborating with Kevin to implement backend functionalities into the frontend part of the app.

MEETING REPORT WEEK 11

Team Name: TechSystemsAL

Date of Meeting: 16/05/2023

Start Time: 12:40 **End Time:** 13:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Review of individual progress
2. Setting tasks for the upcoming week

Decisions Made:

We started the meeting by reviewing the progress made by each team member. Fabio has made strides in implementing the ordering functionality, Joana has completed activity diagrams for various operations, Jon has integrated Azure Container Registry (ACR) into our infrastructure, Joni has created diagrams for different user-related actions, Kevin is working on the carousel component and login, Lorenc is working on user registration functionality, and Mateo has written core queries for the main functionalities of the app.

Given this progress, we agreed that we are on track to accomplish our main goals. We also decided to continue focusing on the development of key features and functionalities for our e-commerce web app in the upcoming weeks. The structure of our subteams will remain the same.

Tasks Assigned:

Joana Jaupi: Continue developing additional activity diagrams based on new features and incorporate feedback into current designs.

Jon Mukaj: Continue optimizing the Azure Container Registry (ACR) integration and start working on the security aspects of our infrastructure.

Fabio Marku: Continue refining the ordering functionality and start working on other aspects of the business logic.

Kevin Tenolli: Continue developing the carousel component and start working on the user login functionality.

Mateo Tuku: Refine the core queries written for the main functionalities and start implementing them in the database.

Joni Dajçi: Start implementing the user-related actions in the business logic of the application based on the diagrams created.

Lorenc Rrapaj: Complete the user registration functionality and start working on the user login functionality.

MEETING REPORT WEEK 12

Team Name: TechSystemsAL

Date of Meeting: 23/05/2023

Start Time: 12:40 **End Time:** 13:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Review of individual progress
2. Setting tasks for the upcoming week

Decisions Made:

We started the meeting by reviewing the progress made by each team member. Fabio has been working on review and product listing functionality, Joana has started creating state diagrams, Jon has been managing CI/CD pipelines using GitHub Actions, Joni has successfully used Terraform to manage Azure resources, Kevin is working on class diagrams, Lorenc has been implementing UI components related to the About page, and Mateo has optimized SQL queries for the e-commerce app.

Given this progress, we agreed that we are on track to accomplish our main goals. We also decided to continue focusing on the development of key features and functionalities for our e-commerce web app in the upcoming weeks. The structure of our subteams will remain the same.

Tasks Assigned:

Joana Jaupi: Continue developing state diagrams and start incorporating feedback into the diagrams.

Jon Mukaj: Continue managing the CI/CD pipelines and start optimizing the performance of these pipelines.

Fabio Marku: Continue refining the review and product listing functionality and start working on the checkout process.

Kevin Tenolli: Continue developing the class diagrams and start incorporating them into the codebase.

Mateo Tuku: Continue optimizing SQL queries and start implementing them into the database.

Joni Dajçi: Implemented db queries prepared by Mateo in backend

Lorenc Rrapaj: Continue implementing UI components and start working on the user login and registration pages.

MEETING REPORT WEEK 13

Team Name: TechSystemsAL

Date of Meeting: 30/05/2023

Start Time: 12:40 **End Time:** 13:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Progress evaluation
2. Defining the tasks for the next week

Decisions Made:

We began our meeting with a discussion regarding the progress made so far, a critical part of our strategic process. As a result, we have identified several obstacles that were hindering progress, notably a lack of synchronization and parallelization in our tasks. Given that these issues were largely tied to external factors, such as other academic responsibilities, we are confident they will be minimized in the upcoming weeks.

Looking ahead, our primary focus will be on further developing the key features of our e-commerce web application. Our subteam structure will remain consistent. Joana and Jon will continue with their responsibilities related to documentation, design, and architecture. Fabio and Joni will focus on the application's backend, while Kevin and Lorenc will work on the frontend. Mateo will be tasked with database creation.

Tasks Assigned:

Joana Jaupi: Continue working on the sequence diagrams for various functionalities

Jon Mukaj: Evaluate the feasibility and potential advantages of a microservices architecture for our application

Fabio Marku: Continue organizing and testing the API for the backend

Kevin Tenolli: Collaborate with Joana in developing sequence diagrams for various functionalities

Mateo Tuku: Continue contributing to the development of state and sequence diagrams

Joni Dajçi: Work on the backend for image storing and querying functionality

Lorenc Rrapaj: Implement additional UI styling to enhance the appearance and user experience of the webpage

MEETING REPORT WEEK 14

Team Name: TechSystemsAL

Date of Meeting: 05/06/2023

Start Time: 9:30 **End Time:** 10:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Review of final week's progress
2. Tasks made

Decisions Made:

The meeting commenced with a review of the previous week's progress. Recognizing and addressing obstacles is critical to our team's success. The team acknowledged past issues related to task parallelization and subteam synchronization. These bottlenecks were largely due to external factors such as graduation thesis responsibilities. We expect these issues to decrease in the upcoming weeks.

Next, we discussed our responsibilities for the future. The core tasks will center around further development of the e-commerce web app's main features. The subteam structure will remain the same: Joana and Jon will handle documentation, design, and architecture. Fabio and Joni will focus on the backend, Kevin and Lorenc will work on the frontend, and Mateo will create the database.

Tasks Assigned:

Joana Jaupi: Continue working on interaction diagrams for the application

Jon Mukaj: Create comprehensive Use Case Diagrams for the Techplaza application

Fabio Marku: Finish up the first version of the backend to prepare it for the demo

Kevin Tenolli: Connect backend functionalities with the frontend part of the webpage

Mateo Tuku: Begin the development of class diagrams for the Techplaza e-commerce app

Joni Dajçi: Work on backend functionality allowing users to leave reviews

Lorenc Rrapaj: Complete the page styling to enhance the user interface of the webpage

MEETING REPORT WEEK 6

Team Name: TechSystemsAL

Date of Meeting: 11/04/2023

Start Time: 12:40 **End Time:** 13:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Evaluating the progress
2. Main tasks for upcoming weeks

Decisions Made:

1. Evaluating the progress is critical to ensure that we maintain momentum and achieve our goals in the contexts of a constrained time schedule. We identified the bottlenecks the team had up until now, related to the parallelization of the tasks and the lack of synchronization between each subteam. We deduced that this would be greatly reduced in the upcoming weeks, since it is affected by other external factors connected to responsibilities team members have with regards to graduation thesis etc.
2. Next, we talk about our duties in the upcoming weeks, our main tasks will revolve around the development of key features and functionalities for the e-commerce web app. The structure of the subteams will stay the same, where Joana and Jon will keep their documentation, design and architecture responsibilities, Fabio and Joni will be concentrated on the backend of the application, while Kevin and Lorenc will focus on the client side. Mateo on the other hand, will start creating the database.

Tasks Assigned:

Joana Jaupi: Create the main design for the UI of the webpage

Jon Mukaj: Start working on the requirements documentation

Fabio Marku: Start implementing the business logic of the application

Kevin Tenolli: Continue working in the frontend part of the webpage

Mateo Tuku: Refine the ERD schema based on the input of the backend team

Joni Dajçi: Start implementing the business logic of the application

Lorenc Rrapaj: Continue working in the frontend part of the webpage

MEETING REPORT WEEK 7

Team Name: TechSystemsAL

Date of Meeting: 18/04/2023

Start Time: 12:40 **End Time:** 13:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. **Reviewing each member's accomplishments**
2. **Main tasks for upcoming weeks**

Decisions Made:

The meeting opened with a review of each team member's accomplishments for the week. This week's progress was satisfactory. The work on activity diagrams, user cases, and Azure App Services has laid a solid foundation for the development phase of our project.

We also discussed our tasks for the next week. We decided to stay on the same path, focusing on the specific areas each team member has been working on. Our primary goal remains the development of the key features and functionalities for our e-commerce web app. We agreed on the necessity of staying synchronized, especially now that we have a clear view of the project's structure and workflow.

Tasks Assigned:

Joana Jaupi: Continue working on user cases and finalize the design of the webpage.

Jon Mukaj: Continue working on implementing Azure App Services and start working on security measures.

Fabio Marku: Continue refining the activity diagrams and start implementing the business logic based on the refined diagrams.

Kevin Tenolli: Continue working on the frontend part of the webpage, focusing on integrating the user cases into the design.

Mateo Tuku: Continue refining the user cases and start working on the implementation of the database.

Joni Dajçi: Continue implementing the business logic of the application and coordinate with Mateo for database synchronization.

Lorenc Rrapaj: Continue working on the frontend part of the webpage, focusing on improving the user interface based on user cases.

MEETING REPORT WEEK 9

Team Name: TechSystemsAL

Date of Meeting: 02/05/2023

Start Time: 12:40 **End Time:** 13:00

Meeting Location: D-204

Moderator: Joana Jaupi

Recorder: Jon Mukaj

Other Members Present: Fabio Marku, Kevin Tenolli, Mateo Tuku, Joni Dajçi, Lorenc Rrapaj

Members Absent: None

Topics Discussed:

1. Review of individual progress
2. Setting tasks for the upcoming week

Decisions Made:

This meeting focused on reviewing the progress made by each member. Significant strides have been made in various areas, with successful integration of the Postgres Database to the backend, the creation of UI components in React, completion of the Entity-Relationship Diagram (ERD), and the development of both Project Management and Project Documentation documents.

Looking ahead, it's clear that maintaining our momentum is crucial for meeting our project timeline. To that end, our tasks for the upcoming week will revolve around further development of key features and functionalities for our e-commerce web app. We'll keep the same team structure, focusing on our respective areas while increasing our synchronization and collaboration efforts.

Tasks Assigned:

Joana Jaupi: Continue refining the design of the webpage, focusing on user feedback.

Jon Mukaj: Continue optimizing Docker volumes and start implementing security measures for our app.

Fabio Marku: Continue working on the backend, ensuring the business logic works seamlessly with the integrated database.

Kevin Tenolli: Continue collaborating with Lorenc to build more UI components, based on the designs provided and user cases defined.

Mateo Tuku: Start creating the database using the completed ERD and integrate it with the backend code.

Joni Dajçi: Keep defining user cases for the app, ensuring the business logic and UI components are synchronized.

Lorenc Rrapaj: Continue working on the frontend, focusing on implementing the created component diagrams into the web app design.