

## **INTRODUCTION**

Paperlayer is a platform with which people can create new projects and write papers, while collaborating with other users and scholars. Even if one doesn't want to collaborate with anyone and make a project on his/her own, Paperlayer is a perfect solution because, it'd be a back-up for the project with git version control provided. Projects can also be made public/private depending on the user's wishes. Users can invite others to projects in order to collaborate, users can also rate other users and comment on their profiles. Users can also send each other messages. To sum up, it's a great platform for collaboration and back-up.

## **CURRENT STATUS**

At the beginning of the semester, we started as a group of 10 people. In the following weeks we had lost one member, but at the beginning of April one other member joined our group and we are once again 10 people. We arranged our meetings and started our journey as a team. Most of us didn't know each other at first, but as the weeks passed our communication got stronger and more effective, so did our teamwork. From the first week on, we reviewed each other's work and made constructive remarks about their works. From the beginning of our project to this day we developed our project requirements, created user personas, prepared mock-up scenarios, we also constructed our design diagrams, mainly, to make our work clearer, but also, to set our eyes upon what there is to be done. We also planned for the future and set deadlines for the next tasks to come.

Throughout the process we requested and received feedbacks from our customer. Even though some feedbacks were long, we purposefully rearranged our work accordingly. Considering all the work done we know that we came a long way compared to the beginning of the semester, with a longer way to go. We worked hard to accomplish every given task successfully and we are planning on keeping it that way.

## **AHEAD OF US**

From this point on we are planning on increasing our communication within the team even more. We are going to focus on dividing the tasks between us and organize the work for everyone in a better manner. We have already planned for the time ahead of us and we hope that we'll not be missing any deadlines we set. We are thrilled to use the knowledge we acquired from this course in the next one and implement this project to the end. We hope to create a product that everyone loves and uses.

List and status of deliverables

---BURAYA Bİ TABLE LAZIM---

## **REQUIREMENTS**

Requirements are the foundation basis for Paperlayer. We held meetings to discuss how our platform should be and we changed our designs to the better. After deciding what our requirements should be, it became the basis for our future work.

## **SCENARIOS AND MOCKUPS**

Scenarios :

User scenarios are the example use case scenarios for Paperlayer. We made 3 scenarios for different kind of potential customers. We believe that our user scenarios are sufficient for the project.

Mock-ups:

We prepared three mock-ups for the web, for our 3 user scenarios. We also created a mobile mock-up for the 1st scenario. The goal of the mock-ups is to visualize what our platform needs and how it meets its requirements. Our mock-ups include: Welcome Page, Home Page, Login Page, Project Creation Page, Search Page, Project Page, Profile Page and Own Projects Page.

## **DIAGRAMS**

Use Case Diagrams:

3 team members assigned to create Use case Diagrams. During the process of creating use case diagrams 3 member were communicating and giving opinions and feedbacks to each other frequently. After creating the first version of these diagrams version was reviewed by the other members of the group and customer. Then diagrams were updated and reviewed once again. Then we released the final version of Use Case Diagrams.

Class Diagram:

Since it is really difficult to divide the task of creating the Class Diagram into subtasks we initiated an online meeting to handle this issue concurrently. To ensure consistency with other parts of our work we took Requirements and Use Case Diagrams as base and built our class diagram accordingly. Before creating the first version diagram were reviewed to avoid typos and other mistakes. After taking the feedback of the customer we made the necessary updates on not only the Class Diagram but also Use Case and Sequence Diagrams.

Sequence Diagrams:

We distributed one sequence diagram for each team member. We made sure each diagram is reviewed by at least 2 members in our team and approved by another member. After the feedback we made the required changes to our sequence diagrams improving the consistency in our diagrams.

## CONTRIBUTIONS

Bariş Başmak:

- I Created the mobile mockup for scenario 1
- Worked on reviewing the class and sequence diagrams
- I worked on the first part of planning, entered the past activities in Project Libre and planned the rest of CmpE 352.
- Contributed on creating the RAM.
- Contributed on creating the milestone.

Yusuf Bayam:

- I created and edited ReadMe.
- Updated and reviewed communication plan.
- Contributed and reviewed system requirements.
- Created scenario 3 user story with other teammates.
- Created mockup for scenario 3 with other teammates.
- Created 'Project' related classes in class diagram with other teammates.
- Created and completed one sequence diagram.
- Completed the second part of Cmpe352 project plan using Project Libre.

Ramazan Koç:

- I created Trello channel.
- I reviewed communication plan.
- Contributed in preparing basic functional requirements and functional requirements.
- I reviewed glossary and non-functional section of requirements.
- Contributed in preparing customer meeting questions.
- I created scenario 2 with other teammates.
- Contributed mockup for scenario 2 with other teammates.
- I reviewed other mockups.
- I created class diagram with other teammates.
- I created sequence diagram 1.2.
- Contributed in preparing future tasks for cmpe352 project plan.
- Contributed in creating RAM.

Furkan Cansever:

- I created and edited labels.
- I edited README page
- Contributed and reviewed user requirements.
- I created scenario 1 with other teammates.
- I created mockup for scenario 1 with teammates.
- I created and reviewed use-case diagram with other teammates.
- I created sequence diagram 1.10.
- Contributed in preparing tasks for cmpe352 project plan.
- Contributed in creating RAM.

Ali Furkan Budak:

- Created the Slack workspace
- Created and filled Sign Up, Sign In, Academic Collaboration, Project Management and Profile titles under User Requirements.
- Created Scenario 3 together with Hande and Yusuf
- Created Project Details and Home page for mockup 3
- Reviewed User Requirements
- Created and completed Milestone, InvitationService, Workspace, WorkspaceService, Folder, RecommendationService classes in class diagram.
- Added methods and properties to Project and ProjectManagementService classes
- Reviewed File and Invitation classes
- Created and reviewed Sequence Diagram 1.8 (Inviting User to an Existing Project)
- Created Project Plan for 451 using ProjectLibre

Mahir Efe KAYA:

- I created and designed homepage.
- Created, filled glossary, project creation and updated many other parts accordingly to the feedback
- Created Scenario 2 together with Ramazan and Yahya
- Created Mockup 2 with Yahya
- Reviewed and updated requirements accordingly to the feedback
- Created user diagram with Fatih and Furkan
- Created the sequence diagrams of "Guest user visiting project page" and "Project Creation"
- Derived 451 tasks from Requirements
- Created RAM with Barış Başmak, Furkan Cansever and Ramazan
- So far, I, Yahya and Yusuf BAYAM have taken the meeting notes.

Fatih AKGÖZ:

- Contributed wiki homepage.
- Contributed functional requirements.
- Reviewed user requirements.
- Contributed scenario 1 and mockup 1.
- Created use case diagram with Mahir and Furkan.
- Reviewed class diagram.
- Reviewed sequence diagrams.
- Contributed on creating the RAM.
- Created the milestone with Barış and Mustafa.

Hande KARABUL

- Contributed wiki homepage
- Contributed and reviewed functional requirements
- Created Scenario 3 together with Ali Furkan and Yusuf
- Created Mockup 3 together with Ali Furkan and Yusuf

- Created and completed FeedService, FeedItem, NotificationService, Notification, EventService, Event in class diagram.
- Created and reviewed Sequence Diagram 1.1 (Follow User)
- Contributed in preparing tasks for cmpe451 project plan.
- Contributed in creating RAM.

#### Yahya Bedirhan PAK

- Contributed to readme.md
- Contributed taking weekly meeting notes
- Created discord channel
- Created User story and mockup for scenario 2 with Mahir and Ramazan
- Contributed to customer meeting and took notes
- Uploaded customer meeting to wiki
- Created system requirements with Yusuf
- Reviewed and gave feedback to user requirements
- Contributed to class diagram
- Created two sequence diagrams
- Contributed to 451 project plan

#### Mustafa KÜÇÜK:

- Contributed wiki homepage.
- Created non-functional requirements.
- Reviewed user requirements.
- Contributed scenario 1 and mockup 1.
- Reviewed class diagram.
- Created and reviewed sequence diagram 1.6 (Searching).
- Created the milestone with Barış and Fatih.