



Bogazici University Fundamentals of Software Engineering
CMPE 352
Spring 2022 - Group 5
Milestone Report 1

Contributors:

- [Alper Canberk Balci](#)
- [Baver Bengin Beştaş](#)
- [Burak Mert](#)
- [Buse Tolunay](#)
- [Engin Oğuzhan Şenol](#)
- [Halil Burak Pala](#)
- [Kardelen Demiral](#)
- [Mehmet Akif Yılmaz](#)
- [Mehmet Emre Akbulut](#)
- [Oğuzhan Demirel](#)
- [Sinan Kerem Gündüz](#)
- [Yavuz Samet Topçuoğlu](#)

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Executive Summary

Introduction

We are a group of 12 computer engineering students from Boğaziçi University who are taking the course “Fundamentals of Software Engineering” in the 2022 spring term. We are creating a medical experience sharing platform for this course.

This is the first milestone of our project. It includes our progress so far, our future plans and the deliverables.

Description

Our platform provides its users an environment to share their medical experiences with each other, being informed about medical topics and also gives them the opportunity to receive responses from verified doctors. Anyone can use Android and the web versions of our application without being charged.

There are three different parts that can be utilized in our application. First one is the *Forum*. In the forum, any kind of user can share their medical experiences and get responses from other users including verified doctors. They are also able to view other discussion threads in the forum and make comments or rate them. The second part is the *Articles*. Any registered user can publish an article in this part. Doctors do not need approval to do this. However, other registered users' articles need to be approved by a doctor to provide dependability. Anyone can read an article on the platform and rate it. The third part is the *Chatbot*. It can be used in the cases where users are not sure which category or tags are relevant with their posts to add them when sharing a post. It can also be used when a user is not sure which medical profession suits his/her discomfort best. Tags and a category can be added to discussion threads and articles. Discussion threads can additionally include images and locations. Forum is the home page of our platform. The other parts can be reached through the buttons in the home page.

While registered users can benefit from all the features of our application, guest users can use some of them. They can view the forum and articles, use the chatbot and search for any kind of content in the environment. Anyone can register to our platform. There are two types of registered users; doctors and members. Registering as a doctor requires the verification of an admin. Every registered user has their own profile pages and are able to decide on the publicity of their personal information seen there. Doctors

have profile pictures, a verification sign, hospital and profession information in addition to their personal information and medical history in their profile pages. Registered users can see their activity history in their profile pages and get notifications about their posts, articles and comments. They are able to have personalized home pages that include the content that they are interested in. In order to have personalized home pages, users can follow the tags that they are interested in.

Project Status

From the beginning of the semester, we created the general structure of our project. We worked on several parts of the project as a team. Our main focus was on designing our project.

- **Setting up the Infrastructure**

First step was setting up our working environment. We first met and got to know each other. We created the wiki page of our project, and prepared our personal wiki pages. To learn the basics of git and github, we did some research and collected our research on a page. Every group member added their favorite github repositories to a wiki page. We customized our issue labels. We determined weekly meeting times of our team and determined our communication plan.

- **Requirements**

Second step was determining the requirements of our project. After we were introduced to our project description, we decided that making a pre-research about the tools and concepts about the project and requirement elicitation would be a good idea before starting creating our requirements. So, we did some research about them and gathered our research in a wiki page. Then we started writing the requirements. Firstly we decided subsections of the requirements. We created user, system, and non-functional requirements and we created a glossary. We constantly updated the requirements as we were working on other parts of the project and as we asked some questions to the customer. Creating the requirements helped us a lot in understanding our project better.

- **Scenarios and Mockups**

Third step was creating user scenarios and mockups. We decided on creating three different scenarios. These scenarios were about creating a discussion thread in the forum, commenting on a discussion thread in the forum, and getting information by reading an article in the Articles section. Every member of our group worked on one of these scenarios. We created mockups for web and mobile applications for every scenario.

- **Software Design with UML**

Fourth step was creating a use case diagram which describes the interactions between actors and the system, a class diagram which describes the object-oriented model of the project and several sequence diagrams which describe different object interactions for different use cases. After we finished the creation of the use case and the class diagrams, we worked on different sequence diagrams. Every member of the group contributed to the creation of these diagrams. While creating all of these diagrams, implementation of the project was visualized better.

- **Project Plan and Responsibility Assignment Matrix**

Last step was creating a project plan which describes actions that we've taken and we are going to take while creating our project with start and end dates, and a responsibility assignment matrix (RAM) which describes the actions and contribution of every member to these actions. We used ProjectLibre to create a project plan.

Moving Forward

From this point on, we will start implementing our project. Although we've decided on Frontend, Backend and Android teams for the project in our project plan, those groups were tentative. We are going to make it clear who will be in which team. We are going to decide on which programming languages, services, software tools and APIs that we are going to use while implementing our project.

List and Status of Deliverables

Deliverable	Status	Last Update Date
Communication Plan	Completed	07.03.2022
Requirements	Completed	13.04.2022
Scenarios and Mockups	Completed	21.03.2022
Use Case Diagram	Completed	04.04.2022
Class Diagram	Completed	05.04.2022
Sequence Diagrams	Completed	14.04.2022
Project Plan & RAM	Completed	14.04.2022

Evaluation of the Status of Deliverables

Communication Plan:

Our weekly meetings were held on Monday and Thursday, 9.00 PM. We decided these days and time with the poll we created in the first weeks. Even when there were extra meetings, thanks to the poll, we could take action quickly. In meetings, we generally spent time evaluating assignments and developing the project. Task sharing has always been done as well. We held the first meeting over Google Meets. We decided to run the meetings over Discord and general communication over Slack. Everyone was obliged to attend the meetings unless there was a certain excuse. Of course, we used Github for documentation and issue management.

Requirements:

We decided to write the requirements according to the lecture and the project description, and accordingly, we had a long discussion at the first meeting. Afterwards, we divided the requirements into functional and non-functional. After talking about them and making some decisions at the meeting, everyone was given the task of arranging a certain part of what was discussed. Naturally, some changes were made to the requirements while creating Scenarios&Mockups. The decisions taken at the customer meeting also led us to reconsider. You can see the latest version on the requirements page.

Scenarios and Mockups:

We divided the team into 3 subgroups of 4 people and created three scenarios and mockups. Although there were reviewers outside the meeting, we also gave feedback to each other during the meeting. During the scenario production, we tried to make the UI designs in the best way that reflects the operation we want to do. You can find 1 Web and 1 Android mockups for each scenario on the wiki. We received a generally positive response at the customer meeting.

Use Case Diagram:

We made Use Case diagrams together at the meetings we took one after the other. In this direction, we have come to the conclusion that it is important for everyone to have a say in every aspect of the project and to prepare the general architecture together. In general, everyone took part in the Sequence Diagram, but in the 12 diagrams we determined, 1 person led, 2 people contributed and one person took part as a review. We made changes according to the feedback we received from the customer.

Class Diagram:

We designed the Class diagram together with all group members at our meetings and each member has actively taken part in the preparation of the diagram and in the discussions on it. While preparing the Class Diagram we discussed vague points and functionalities about the project and it helped us to clarify these points. We also reviewed the Requirements and made some refinements.

Sequence Diagrams:

We assigned each Sequence diagram to three group members. One of the assignees led the design and two others helped. There was also a reviewer for each diagram. While preparing the Sequence diagrams we discussed as a group about unclarified points in some diagrams and made some decisions for the consistency of all Sequence diagrams. We got help from the Use Case and Class diagrams while preparing Sequence diagrams. We realized some errors and inaccuracies in the Use Case and Class diagrams and also in the Requirements while preparing the Sequence diagrams and corrected these errors accordingly. After finishing, we reviewed the Sequence diagrams together in the meeting.

Project Plan & RAM:

We prepared the Responsibility Assignment Matrix in a meeting together with all team members in a Google Sheets file. We first prepared the part related to the past actions. We wrote down the actions we took so far by looking at the issues and meeting notes and marked relevant fields for the actions in the RAM for the corresponding members. We then prepared the Project Plan related to the past using ProjectLibre, with the help of this RAM. We determined the start and finish dates of each action by looking to the past issues. Then we started to make the future Project Plan. We first divided the work as Frontend, Backend and Android. With the help of scenarios and mockups we defined the sub tasks of each category and assigned the dates while considering previous years Project Plans. Then we filled the RAM according to this plan.

Evaluation of Tools and Processes

Slack

Slack is a proprietary business communication platform. It is our main communication tool to communicate with the customer. Besides communicating with the customer, we

used Slack for discussing what should be done throughout the project using different channels on the platform.

Google Meets

Google Meets is a video-communication service. Google Meets was our first meeting platform before switching to Discord. Since the lack of quality and inability to save chats, we decided not to move forward with Google Meets.

Discord

Discord is an instant messaging and digital distribution platform where users communicate with voice calls, video calls, and/or text messaging. Since it is easier to use than Google Meets, and it has the ability to save chats, we decided to switch to Discord as our main communication platform between group members.

Zoom

Zoom Meetings is a proprietary video telephony software program. Zoom is our main video communication tool to communicate with the customer. Since it has a time limit of 40 minutes for non-premium users, we did not use Zoom between group members.

Figma

Figma is a vector graphics editor and prototyping tool. We used Figma to create the User Scenarios and the Mockups. Figma offers a variety of nice and useful shapes and tools to form the website and the app designs.

Lucidchart

Lucidchart is a web-based proprietary platform that allows users to collaborate on drawing, revising and sharing charts and diagrams. We used Lucidchart to create Use Case, Class, and Sequence Diagrams. Being able to work collectively and simultaneously on a single diagram massively helped us to save a great amount of time.

ProjectLibre

ProjectLibre is an open source project management software solution. We used ProjectLibre to illustrate our project plan. After using the software enough to get used to it, it came in handy but the adaptation period was not negligible.

GitHub

Github provides access control and several collaboration features such as bug tracking, feature requests, task management, continuous integration and wikis for every project. We used these features of GitHub mainly through issues and communicated with each other on the platform. The variety of features helped us throughout processes.

Google Sheets

Google Sheets is a spreadsheet program. We used Google Sheets to form the Responsibility Assignment Matrix (RAM). As in LucidChart, collective and simultaneous work helped us to save time.

Google Docs

Google Docs is an online word processor. We used Google Docs to document the Milestone Report. Google Docs unburdened us to put the works together. Every member documented on the same file collectively.

Summary of Work Done of Each Member

<i>Alper Canberk Balci</i>	<ul style="list-style-type: none">• Created my personal wiki page. (#5)• Did research about different Github repositories and documented it in the Liked Repos page.• Have done research about Git and Github. Made suggestions, and tried to teach Github Wiki from experience.• Opened the issue #4 and made additions in labels in the Wiki.• Designed the Meeting Notes Template, and assumed the responsibility for taking meeting notes from then on, and attended all of the Team Meetings and Customer Meetings. Contributed taking the notes on Customer Meeting 2 and Customer Meeting 3. Took all Team Meetings Notes and uploaded to the Wiki. (# 2, #18, #49, #64,)• Contributed in creating the Slack workspace. (#8, #10)• Searched old repositories to acquire knowledge about how to conduct Requirements Elicitation, documented my research. (#24)• Opened the Requirements page and conducted an initial categorization for Functional - Non-Functional, and sub categorized them. (#25)
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	<ul style="list-style-type: none"> • Filled in Non-Functional/Availability and Accessibility requirements section. (#39) • Contributed to editing Chatbot Requirements. (#50) • Reviewed the User Requirements (#33) • Attended a meeting for issue #44 with the assignees. Discussed ideas for Scenario 1, created the Scenario 1 and Mockups for it with teamwork. Opened the page, filled it. (#44) • Reviewed Scenario 3 and Mockups. (#45) • Have done research about UML Diagrams on the web and with past year repositories. • Contributed to the creation of Use Case Diagram and uploaded the Use Case Diagram to Wiki (#60). • Contributed to the creation of the Class Diagram and uploaded the Class Diagram to Wiki (#74) • Created the Sequence Diagram for Editing Post, Adding Location. (#59) • Contributed to designing Approving Article, Making a Comment, and Chatbot Dialogue Sequence Diagrams. (#53, #56, #65) • Contributed to the creation of the RAM. • Contributed to the creation of the Project Plan. • Created Deliverables Wiki Page (#75) • Gathered the deliverables for Milestone 1 Report. (#71) • Wrote my individual work to the Milestone 1 Report.
Baver Bengin Beştaş	<ul style="list-style-type: none"> • Created my personal wiki page. • Did research about different Github repositories and documented it in the Liked Repos page. • Researched Git and Github in general and learned to use them to an extent. • Created a discord channel for our meetings and communication with Burak Mert. (#9, and #12) • Improved our discord channel by making it a better meeting channel and a more useful discussion place. • Contributed to the categorizing of requirements page led by Sinan Kerem Gündüz. (#27) • Created Functional/User Requirements section and contributed to editing Functional/User Requirements section of the requirements elicitation page led by Kardelen Demiral. (#28, #33) • Organized the requirements page by editing the whole page to match the same template. (#29) • Contributed to Scenario 3 and mockups. (#45) • Researched use-case diagrams, class diagrams and sequence diagrams on the web. • Contributed to the creation of the use-case diagram. • Contributed to the creation of the class diagram. • Contributed to creating a sequence diagram for Editing Post, Doctor Adding Tag. (#62)

	<ul style="list-style-type: none"> Contributed to creating a sequence diagram for Rating a Comment. (#63) Contributed to creating a sequence diagram for Chatbot. Contributed to the creation of the RAM. Contributed to the creation of the Project Plan. Wrote my individual work to the Milestone 1 Report. Participated in all of our weekly group meetings and customer meetings except one. Reviewed and commented on some issues. (#25, #38, #50, #58, #62, #66)
<i>Burak Mert</i>	<ul style="list-style-type: none"> Created my personal wiki page Did research about different Github repositories and documented it in the Liked Repos page. Did research about Git and Github, and practiced to use them efficiently. Contributed creating a Discord channel for weekly meetings(#9). Created Research Items for Project page and organized entries in alphabetical order(#20). Created first version of the Chatbot Requirements(#35). Added some terms into the glossary related to Chatbot Requirements. Contributed to creation of Scenario-1 and Mockup-1(#44). Did research about use-case, class and sequence diagrams. Share my findings with my teammates. Contributed to the creation of the use-case diagram. Contributed to the creation of the class diagram. Contributed to the creation of the “Searching an Article by Tags” sequence diagram(#52). Contributed to the creation of the “Editing Post, Doctor Adding Tag” sequence diagram(#62). Contributed to the creation of the “Creating a Discussion Thread” sequence diagram(#55). Contributed to the creation of the RAM. Contributed to the creation of the Project Plan. Contributed to the creation of the List and Status of the Deliverables part of the Milestone 1 Report(#72). Participated in all of our weekly group meetings and customer meetings. Reviewed the issues that I am responsible to review(#19, #25, #37, #45, #49, #59).
<i>Buse Tolunay</i>	<ul style="list-style-type: none"> Created a personal wiki page Learned Git and Github Made a poll and contributed to determining the meeting date and hour according to the members availability. Did research about various github repositories and added to liked repos wiki page as a documentation Made a research about medical ontologies and DBPedia to get

	<p>the idea of how to use these in our Medical Experience Sharing Platform under the title Project Research Items.</p> <ul style="list-style-type: none"> • Contributed to non-functional, performance requirements. • Added some terms about the project into the Glossary. • Created the app mockups according to the actions and added to the 3rd scenario page. • Contributed to the creation of the use case diagram. • Contributed to the creation of the class diagram. • Created the sequence diagram for Chatbot for Diagnosis and contributed to the sequence diagram of Proposing Article and Modifying Personal Info • Contributed to the RAM. • Contributed to Project Plan. • Reviewed and made comments on some issues. • Added my personal efforts to the Milestone Report 1. • Made edits on the List and Status of the Deliverables for Milestone 1 Report. •
Engin Oğuzhan Şenol	<ul style="list-style-type: none"> • Created a personal wiki page. Added to the group's wiki page. • Updated my personal effort weekly. • Searched about the usage of GitHub. • Created a poll to determine the weekly meeting date.(#16) • Researched the repositories that are on GitHub and selected the favorites and added one to the Liked Repositories. • Searched old repositories to acquire knowledge about how to conduct Requirements Elicitation.(#24) • Created the Notification Requirements. Added them under the Functional Requirements section. Updated it according to discussions on Meetings.(#37) • Reorganized and edited the group wiki page. • Created the Scenario 3 for Scenarios and Mockups. Created the user persona, story, preconditions, goals, actions, and acceptance criteria. Checked the mockups.(#45) • Checked the glossary to add new items on it. • Contributed to the creation of the use case diagram. • Contributed to the creation of the class diagram. • Created a sequence diagram for Doctor Verification.(#57) • Added some functions for doctor verification to the Class Diagram • Contributed to the creation of sequence diagram for Chatbot Dialog(#65) • Contributed to the creation of sequence diagram for Approving an article. (#53) • Contributed to the creation of RAM. • Contributed to the creation of Project Plan. • Wrote my individual work to the Milestone 1 Report. • Gathered the deliverables for Milestone 1 Report.(#71) • Attended all of the meetings and most of the customer

	meetings except one.
Halil Burak Pala	<ul style="list-style-type: none"> • Created a personal wiki page. • Did research about different Github repositories and documented it in the Liked Repos page. • Learned Git and Github. • Created and edited the communication plan page. (#3) • Did research about W3C Web Annotation Data Model and documented it in the Research Items for Project page. (#19) • Did research about websites similar to our project and shared them with my teammates through our Slack channel. • Created Forum and Articles requirements. Contributed to other parts of the requirements to create a consistent terminology. Organized them according to feedback given by the customer. (#32, #42) • Added some terms about the project into the Glossary. Organized terms to keep alphabetical order. • Took part in creating Scenario-2 and related Mockups. (#43) • Took notes of Customer Meeting 1. (#47) • Contributed to the creation of the use case diagram. • Contributed to the creation of the class diagram. • Took notes of Customer Meeting 2. (#49) • Created the sequence diagram for creating a discussion thread. Contributed to the creation of sequence diagrams for doctor verification and for rating comment. (#55, #57, #63) • Contributed to the creation of the RAM. • Contributed to the creation of the Project Plan. • Contributed to the creation of the Executive Summary part of our Milestone 1 Report. (#66) • Wrote my individual work in our Milestone 1 Report. • Attended all of our weekly group meetings and customer meetings. • Reviewed and commented on some issues. (#18, #21, #22, #27, #38, #41, #44, #49, #53)
Kardelen Demiral	<ul style="list-style-type: none"> • Created a personal wiki page. • Made a Github repository research and added information about my favorite Github repository to the related wiki page. • Modified the README file of our wiki page. (#6) • Made research about medical ontologies and DBpedia for the project. Added the information to the corresponding wiki page. (#22) • Filled in Functional/User Requirements section. (#33) • Added the terms used in the Functional/User Requirements section to the glossary. • Contributed to the creation of Scenario-1 and related mockups. (#44) • Made research about use-case, class and sequence diagrams. Shared my knowledge with my teammates. • Contributed to the creation of the use-case diagram.

	<ul style="list-style-type: none"> • Contributed to the creation of the class diagram. • Contributed to the creation of “Proposing an Article” sequence diagram. (#54) • Contributed to the creation of “Editing Post, Adding Location” sequence diagram. (#59) • Contributed to the creation of “Searching an Article” sequence diagram. (#52) • Contributed to the creation of the RAM. • Contributed to the creation of the Project Plan. • Contributed to the creation of the Executive Summary part of our Milestone 1 Report. (#66) • Added my individual work to the Milestone 1 Report. • Attended all of our weekly group meetings and customer meetings. • Reviewed the issues that I have been assigned to as a reviewer. (#21, #34, #48, #62)
Mehmet Akif Yılmaz	<ul style="list-style-type: none"> • Created my personal wiki page. • Created the wiki page about our favourite Github Repositories and added my favourite repo to this page.(#7) • Researched on how to use Git and Github. • Researched on how to use wiki syntax and markdown language. • Contributed to creation of Requirements wiki page.(#25) • Added Admin Requirements and requirements about Following tags and personalized home page to the Requirements wiki page. Edited them according to reviews from group members or customer.(#38, #51) • Added terminology about requirements assigned to me to the glossary. • Contributed to the creation of Scenario 3 and its Mockups.(#45) • Contributed to the creation of the use-case diagram. • Contributed to the creation of the class diagram. • Worked on the creation of “Doctor adding tags” sequence diagram.(#62) • Helped to the creation of “Modifying personal info” sequence diagram.(#61) • Helped to the creation of “Reporting a comment” sequence diagram.(#58) • Contributed to the creation of the RAM. • Contributed to the creation of the Project Plan. • Contributed to the Evaluation of Deliverables part of the Milestone 1 report.(#67) • Added summary of my personal work done to Milestone 1 report. • Attended all of the weekly group meetings and customer meetings. • Reviewed the issues I have been assigned to.(#23, #40, #43, #46, #56)

<p><i>Mehmet Emre Akbulut</i></p>	<ul style="list-style-type: none"> • Volunteered to be a communicator. Adding group members to Slack workspace of course. • Created my personal wiki page. • Added new labels and discussed usage of labels. (#4) • Created a Slack Workspace for communication. (#8) • Editing group wiki page. (#11, #13) • Researched useful and nice repositories and documented the top one which is Public APIs in the Liked Repositories wiki page. • Researched Git and GitHub. Added the links to the page Git and GitHub wiki page. • Researched Chatbot and specifically Telegram's Chatbot API. (#23) • Documented Telegram's Chatbot API research in Research Items for Project wiki page. • Research about privacy requirements of a project and decided the privacy requirements of our project. • Edited the project requirements according to my research. (#40) • Formed Scenario 2 and it's Mockup with co-assigned group members. (#43) • Contributed to drawing of Use Case Diagram. • Added Annotations and Standards to Requirements. (#46) • Contributed to drawing of Class Diagram. • Created Customer Meeting 1 Page. (#47) • Edited Chatbot Requirements. (#50) • Created a sequence diagram for approving article. (#53) • Helped other members to create sequence diagrams for rating a comment (#54) and proposing article (#63). • Edited Use Case Diagrams and helped unfinished sequence diagrams. • Contributed to documenting the Responsibility Assignment Matrix (RAM). • Contributed to documenting the Project Plan. • Contributed to the Milestone Report, evaluated the status of deliverables and documented them as well as summary of my work up to now. (#67) • Attended all group and customer meetings. • Took notes during customer meetings and communicated actively with customer during the semester. • Added Table of Contents to Milestone 1 Report (#73) • Reviewed the issues which I was reviewer of, and some others. (#19, #41, #44, #52, #69)
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<p><i>Oğuzhan Demirel</i></p>	<ul style="list-style-type: none"> • Attended all of the meetings except one. • Created my personal wiki page. • Researched about Git and Github and found a nice video: Git vs. GitHub: What's the difference?. • Learned markdown language basics such as creating a code segment, making lists etc. • Suggested an open source project to our Liked Repositories. • Edited communication plan page. • Opened an issue and researched about the W3C Web Data Model. • Opened an issue and researched about Interface and its requirements. • Created Scenario 1 and its mockup with a subgroup of our team. • Looked over the old repositories for use case, class and sequence diagram. • Created Use Case Diagram with the team. I focused on creating post and articles hierarchy. • Reviewed Use Case Diagram and started Class Diagram with the team. I focused on Comment and Post classes. Decide sequence diagrams and distribute them among the team members. • Worked on RAM and reviewed our Sequence Diagrams with the whole team. • Worked on a Sequence Diagram of reporting a comment with some of my group members. • Helped the process of creating "Editing post, adding location" Sequence Diagram as described in the issue #59. • Helped the process of creating "Creating a discussion thread" Sequence Diagram as described in the issue #55. • Reviewed the issues that I have been assigned to as a reviewer. (#61,#32,#25)
<p><i>Sinan Kerem Gündüz</i></p>	<ul style="list-style-type: none"> • Created my personal wiki page. • Attended all of the meetings with the group and customer. • Did a research about markdown language, Git, Github and some repos that I liked on GitHub. Documented these research on the Repositories We Like page and Git and GitHub page with the help of Yavuz Samet Topçuoğlu • Together with Baver Bengin Beştaş, we have divided the requirements into sub-categories. #27 • Research about the project requirements and focused on specially the search requirements. • Filled search requirements of the project as well as with the sorting and listing sub-sections. Later, we discussed and decided to remove the listing part with my group mates. #34 • Added some terms that we have used writing the requirements to the glossary. • Together with 3 of my group mates on meetings, we have

	<p>designed the user scenario 2 and documented it on our GitHub repository. Specifically, I have worked on website mockups. #43</p> <ul style="list-style-type: none"> • Took and documented the notes of Customer Meeting 2 together with some of my group mates. • Contributed the creation of Use Case diagram on a group meeting. • Contributed the creation of Class Diagram on a group meeting • Contributed the creation of “Make a Comment” sequence diagram. Lead the process. #56 • Contributed the creation of “Doctor Verification” sequence diagram #57 • Contributed the creation of “Reporting a Comment” sequence diagram #58 • Contributed the creation and documentation of Responsibility Assignment Matrix (RAM) of the project. • Contributed the creation and documentation of Project Plan. • Contributed the Milestone Report 1 by creating and adding the title page together with the contributors together with Oğuzhan Demirel. #68 • Contributed summary of work done each member section of the milestone report 1. • Reviewed and made suggestions to the issues: #23, #20, #31, #44, #54.
Yavuz Samet Topçuoğlu	<ul style="list-style-type: none"> • Created my personal wiki page. • Researched useful and nice repositories and documented the top one which is Tensorflow Compression in the Liked Repositories wiki page. • Researched Git and GitHub. Completed an online tutorial. • Created Git and GitHub wiki page and documented the research of mine and other group members'. (#17) • Researched Chatbot and specifically Telegram's Chatbot API. (#23) • Documented my research in Research Items for Project wiki page. • Researched what should be the security requirements of a project and decided the security requirements of our project. • Edited the project requirements according to my research. (#31) • Formed Scenario 2 and it's Mockup with co-assigned group members. (#43) • Contributed to drawing of Use Case Diagram. • Edited the Acceptance Criteria of all Scenarios and Mockups. (#48) • Contributed to drawing of Class Diagram.

	<ul style="list-style-type: none"> • Created a sequence diagram for modifying personal info. (#61) • Helped other members to create sequence diagrams for making a comment (#56) and searching an article by tags (#52). • Edited Use Case Diagram after spotting some errors. • Contributed to documenting the Responsibility Assignment Matrix (RAM). • Contributed to documenting the Project Plan. • Contributed to the Milestone Report, evaluated the tools and processes and documented them as well as summary of my work up to now. (#69) • Attended all group and customer meetings. • Took notes during customer meetings. (#70) • Reviewed the issues which I was reviewer of, and some others. (#13, #15, #24, #35, #44, #55, #60)
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Deliverable 1 - Project Repository

Deliverable 2 - Requirements

Deliverable 3 - Software Design Documents

Deliverable 4 - Project Plan & RAM

Deliverable 5 - Milestone Report