

# Group Milestone 1 Report

## 1. Deliverables

### 1.1 Requirements in Deliverables

#### Glossary

- Admin: The user that initially created the community or took over from the previous admin, and has additional control over the community.
- Community: Area that all users of the community can share posts or see other users' posts in the community.
- Data Type: The post structure available for communities to define based on their needs and interests.
- Each user: It can be a basic user or a private user.
- Event: An activity that is planned for a special purpose.
- Moderator: A moderator is a user in the community selected by the admin or another moderator, who has admin privileges for the community.
- Notification: A message that is automatically sent to users about events.
- Policy: a set of ideas or a plan of what to do in particular situations that have been agreed to officially by community or project members.
- Post: The shared thing that other people can see.
- Profile: A page that contains user information.
- User: A person who is registered to the system and is able to use the functionalities of the system.

#### 1.1.1 Functional Requirements

##### 1.1.1.1 Functional User Requirements

- 1.1.1.1.1 Sign Up
  - 1.1.1.1.1 Guests shall be able to sign up as a customer by providing their name, surname, e-mail address, choosing a password and a unique user name.
  - 1.1.1.1.2 Each user shall have a unique username and password- that contains letters, digits, underscore and symbols-
- 1.1.1.1.2 Sign In
  - 1.1.1.1.2.1 Users will use this unique username and password combination to log in the system.

- 1.1.1.1.2.2 Users shall be able to reset their password in case they forget their password.
  - 1.1.1.1.2.2.1 There shall be a "forgotten password" button which will redirect to the page where the user email has been requested.
  - 1.1.1.1.2.2.2 Users shall receive an email with the user specific password recreation link, hence they shall be able to create their new password.
- 1.1.1.1.3 Profile
  - 1.1.1.1.3.1 Users shall have a profile page.
  - 1.1.1.1.3.2 Each user should be able to choose the communities that they are interested in.
  - 1.1.1.1.3.3 Each user should create a profile about them, that contains information about them.
  - 1.1.1.1.3.4 Each user should reveal as much information about them as they want.
- 1.1.1.1.4 User Interactions
  - 1.1.1.1.4.1 Each user should be able to follow other users.
  - 1.1.1.1.4.2 Each user shall decide if they want to receive notifications or not.
- 1.1.1.1.5 Communities
  - 1.1.1.1.5.1 Each user shall create a community, join an existing community or exit a joined community as they want.
  - 1.1.1.1.5.2 Users need to be accepted to a community according to a community-defined acceptance policy. (A community might be open to all users or it can accept only the users that got invitation from a member of the community.)
  - 1.1.1.1.5.3 Each community has an admin and can have multiple moderators.
  - 1.1.1.1.5.4 Community admin or moderators can create special Data Types for the community, which can contain fields of string, number, location or image.
  - 1.1.1.1.5.5 If a user wishes to join an invitation-only community, their application must be approved by an administrator.
  - 1.1.1.1.5.6 Admins of a community should be able to monitor the posts against unethical and/or illegal contents and take actions accordingly (e.g. banning the member responsible for the post from the community).

## 1.1.1.2 Functional System Requirements

- 1.1.1.2.1 Notifications
  - 1.1.1.2.1.1 System shall provide notifications for users.
- 1.1.1.2.2 Search
  - 1.1.1.2.2.1 System shall have search box in order for users to search communities or other users for interaction.

- **1.1.1.2.3 Community Authorization**
  - 1.1.1.2.3.1 System shall prohibit users from joining an invitation-only community without an approval.
  - 1.1.1.2.3.2 System shall prevent users from accessing a community if their access rights were to be suspended.
  
- **1.1.1.2.4 Recommendation**
  - 1.1.1.2.4.1 System shall be able to recommend communities and other users to follow based on the interest of the users of the application.

## **1.1.2 Non-Functional Requirements**

### **1.1.2.1 Standards**

- Implementation of the system shall be in line with guidelines of [W3C Activity Stream Standard 2.0](#).
- The semantic tagging shall supported with [wikidata.org](#).

### **1.1.2.2 Security**

- **1.1.2.2.1 User Information security**
  - 1.1.2.2.1.1 Password length shall be in the predefined range (8-16) and passwords must not contain non-ASCII characters.
  - 1.1.2.2.1.2 Passwords shall be encrypted with SHA256 hash-algorithms before being stored in the database.
  - 1.1.2.2.1.3 Passwords shall include at least one upper case letter.
- **1.1.2.2.2 Account Security**
  - 1.1.2.2.2.1 Respond of confirmation mail is necessary for activating account.
  - 1.1.2.2.2.2 New logins from unrecognized devices shall be sent to the user's email account in order to ensure that the user's account is not stolen and that login is done by the owner of the account.
  - 1.1.2.2.2.3 In case of a password change request, the user shall be informed about the request via given contact details and the change is allowed only after the user approves the request.

### **1.1.2.3 Performance**

- **1.1.2.3.1 Response**
  - 1.1.2.3.1.1 System response time shall be under 1 second in order for the user's flow of thought to stay uninterrupted.
  - 1.1.2.3.1.2 System shall respond to the user in a maximum of 10 seconds. For longer delays, users may want to perform other tasks while waiting for the system to finish so the system should give feedback to users indicating when the system expects it to be done.
  - 1.1.2.3.1.3 If a delay in response occurs during an operation using a third-party application, then the user shall be informed about that.
- **1.1.2.3.2 Efficiency**
  - 1.1.2.3.2.1 The system should be able to serve up to 1000 concurrent users.
  - 1.1.2.3.2.2 At least, %20 of the system's processing capacity will be available during peak load hours.

### **1.1.2.4 Reliability**

- **1.1.2.4.1 Response Reliability**
  - 1.1.2.4.1.1 Supported number of concurrent users(1000) shall be scalable as the registered user numbers grow to (100 000).
  - 1.1.2.4.1.2 If Crash happens the system shall response with error message.
- **1.1.2.4.2 Maintenance Reliability**
  - 1.1.2.4.2.1 Maintenance schedule indicating unavailability of the system shall be announced at least 1 day before.
  - 1.1.2.4.2.2 Maintenance time shall not be longer than an hour.

### **1.1.2.5 Privacy**

- System shall obey the laws concerning data privacy of its users defined by governments.
- System shall provide means for detection and report of copyrighted material.
- In case of false copyright claims systems shall provide a mechanism for users to appeal.
- Users shall agree to the User Terms & Policy Agreement.
- Users may agree on Telemetry and Data Collection Agreement.

### **1.1.2.6 Accessibility**

- System will be available to access from desktop or mobile devices.
- System shall be accessible using modern browsers.
- System will be responsive to aspect ratios of devices used to access the system.
- Platform shall support ASCII and UNICODE characters.

## 1.2 Scenarios & Mockups

### 1.2.1 Scenario #1: Out of Context Content

#### Persona

- Jane Margolis
- 21 years old
- Studies art history at Mimar Sinan Güzel Sanatlar Üniversitesi
- Bookworm
- Travel enthusiast
- Antique collector
- Lives in Istanbul with her friends from school

#### Story

- Jane is a senior student of art history.
- She studies on a graduation project about 17th century Turkish and Persian sculpturing.
- As an antique collector herself, Jane is eager to find a masterpiece to study for her project and include it in her collection afterwards.
- She wants to see where she can find such a work of art.
- She decides to get help from the platform Purposeful Community that she previously stumbled upon and joined.

#### Preconditions

- Jane is a registered user of our platform.

#### Goals

- Jane wants to find a beautiful sculpture that carries the signs of the time of its creation as well as motifs of Turkish or Persian sculpturing heritage.

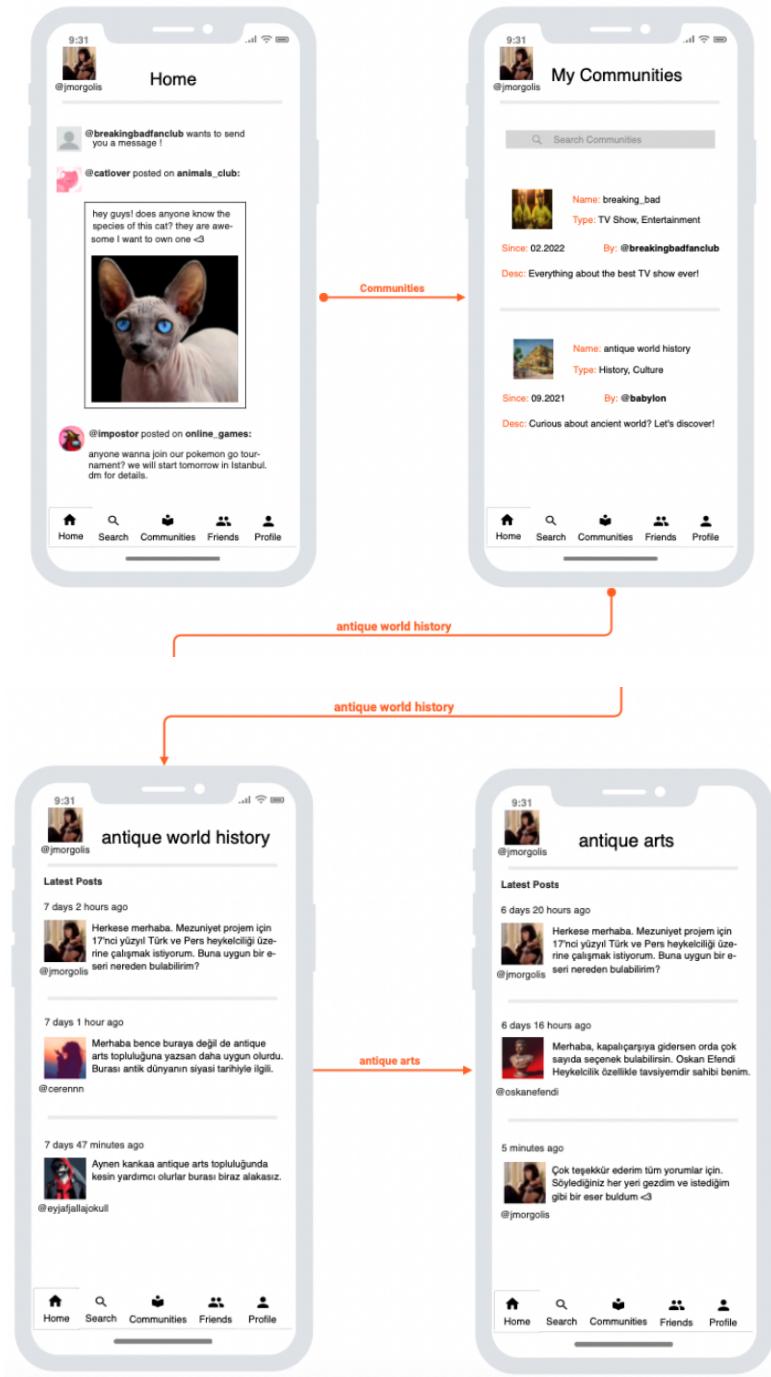
- Jane wants to get suggestions and guidance from people in a related community.

## Acceptance Criteria

- Members of a community can view all posts in the community.
- Any member in a community can share posts.
- In order to share a post in a community, either private or public, the user must join the community.
- The posts in private communities can only be seen after joining request is approved.

## Scenario & Mockup

1. She sees that in the platform there are a lot of communities concentrated on specific areas of interests.
2. She looks for a community searching "antique" and encounters the public community "antique world history".
3. She reads the posts in the community to find anything of her interest but she cannot find a single post about antique art works.
4. She decides to share a post stating her intention of finding a masterpiece and asks for guidance after joining the community.
5. After a while two people comment that this post is not a suitable content for this community, that it is only about political and socioeconomic aspects of antique world history.
6. One of the commenters suggests her to join the private community "antique arts".
7. She sends request to join this community.
8. After she is accepted, she shares her post again in this new community.
9. In a couple of hours many people see the post and three of them tell her about places where she can find such works.
10. She visits these places and finds an art work that she likes.
11. She then shares the photo of this sculpture and thanks for the comments.



## 1.2.2 Scenario #2: Creating and Initializing a Community

### Persona

- Alicia

- Age: 23, Female
- Job: Student
- Interested in musical instruments and their specifications.
- Registered user with default permissions who wants to enjoy the app.

## Preconditions

- There is no community that meets the demand of the current user.
- The user specifically wants a community to share and learn about musical instruments.
- The user is already logged in

## Goals

- The user realizes that there is no community for musical instruments.
- The user creates a new community for musical instruments.
- The user creates a guideline for community

## Acceptance Criteria

- A new community related to musical instruments is created by the user.
- The user defines a community guideline.
- The user defines a moderator role permission
- The user creates a data type.

## Actions

- User searches for a musical community.
- Among some communities, he cannot find the one.
- Then she creates a community for musical instruments by clicking a button.
- She gives a name to the community "MusicalBunnies" and a description.
- Creates a guideline (as a pinned post? or a page?)
- Creates a moderator role and edits the permissions.
- Creates some data types for this community.
- Pianolnstrument data type: number of keys, sensitivity level on the keys, sound quality, weight, pictures and price.

### **1.2.3 Scenario #3: Filter & Sort**

#### **Persona**

- Louise Anna Nielsen
- 16 years old
- Student at Denmark high school
- Volleyball player

#### **Story**

- Anna is a 10th-grade student at high school.
- She is in the volleyball team of her school.
- She loves playing volleyball and plays regularly to stay on the team.
- She went on vacation to Jutland - Odense with her family.
- She wants to play volleyball on vacation but she doesn't have any friends around.
- She decides to find a tournament from our platform by looking up posts from DenmarkVolleyball community for Jutland-Odense location.

#### **Preconditions**

- Anna is a registered user of our platform.
- She is a member of the DenmarkVolleyball community.

#### **Goals**

- Anna wants to attend a volleyball tournament at Jutland-Odense.
- Anna wants to find an active tournament posted from DenmarkVolleyball community with Jutland location attribute.

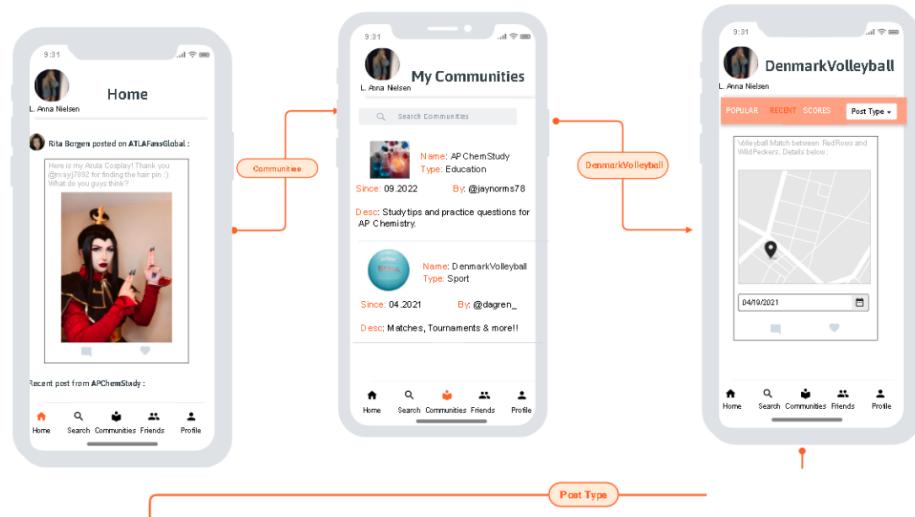
#### **Acceptance Criteria**

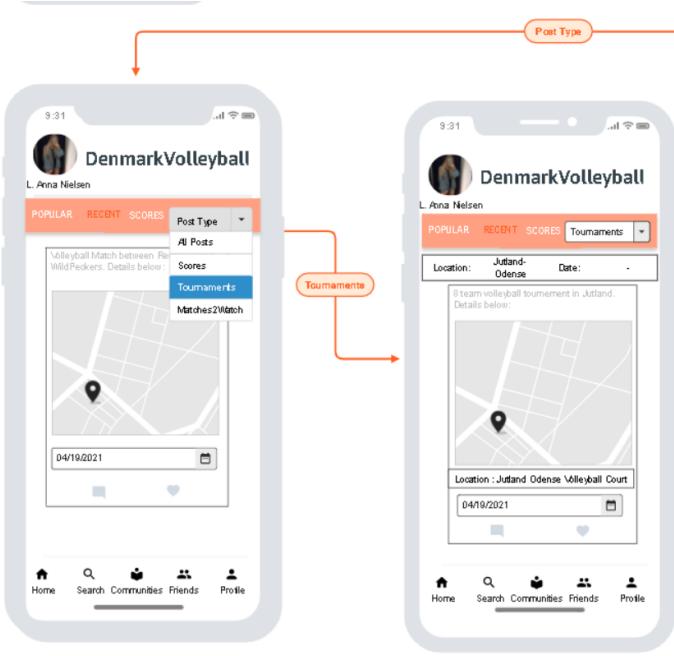
- Members of a community can view all posts in the community.

- Users can filter community pages to see only posts of a specific Data Type.
- Users can filter posts they see based on their attributes.
- Users can choose how a feed of posts is sorted.

## Scenario & Mockup

1. Anna opens the home page from the mobile application.
2. Anna clicks followed communities button.
3. She finds the DenmarkVolleyball community from her followed community list and clicks.
4. DenmarkVolleyball community page has lots of different types of posts.
5. She selects filter and chooses the option "tournament" to only see posts of tournament data type.
6. The community page now shows only tournament posts. She selects filter again and filters the Location attribute to "Jutland-Odense".
7. Then she clicks "Sort By" and from the options selects "Most recent".
8. She clicks on a tournament and sees its content and comments.





#### 1.2.4 Scenario #4: Set Privacy

##### Persona

- Barack Hussein Obama
- 60 years old
- Politician
- Democrat
- Enjoys watching TV Shows
- Huge fan of Breaking Bad and Walter White

##### Story

- Barack Hussein Obama is a politician in United States.
- He participated in the election of 2009, to be president of United States.
- He won the election and became first and only African-American president in the history of U.S.A .
- He served his country for 8 years, then he retired.
- Now, he wants to live a quiet life, and spare time for his hobbies.

- He wants to use purposeful community software, to share critics with other people about his favorite TV Shows.
- He want to hide his personal information from other users, but his friends in the software.

## Precondition

- There is not any precondition, he just decided to use the software and find other people that are interested in basketball.

## Goals

- He wants to create a profile.
- Then he wants to decide some information from other users.
- Finally, he wants to join a community.

## Acceptance Criteria

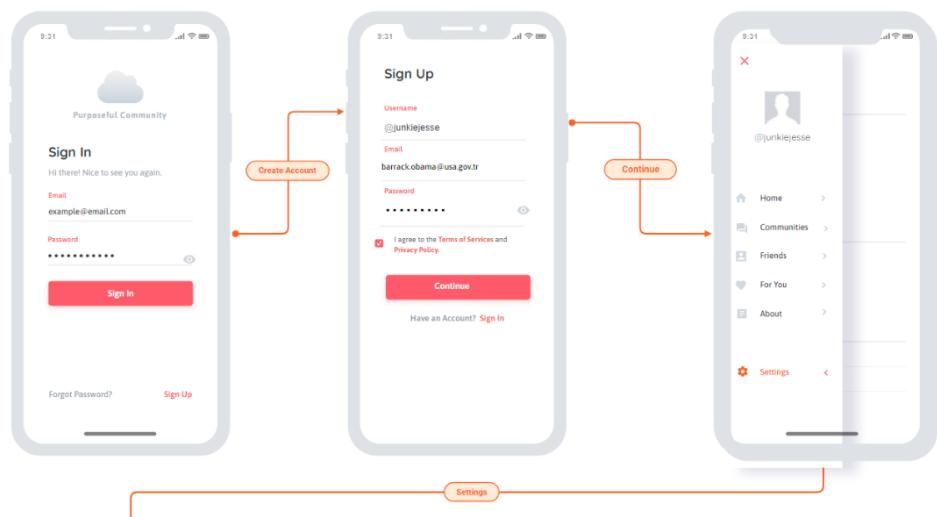
- Each user shall have a unique username and password- that contains letters, digits, underscore and symbols- to sign into the system. They will use this unique username and password combination to log in system.
- Each user should be able to choose the communities that they are interested in.
- Each user should create a profile about them, that contains information about them.
- Each user should reveal as much information about them as they want.

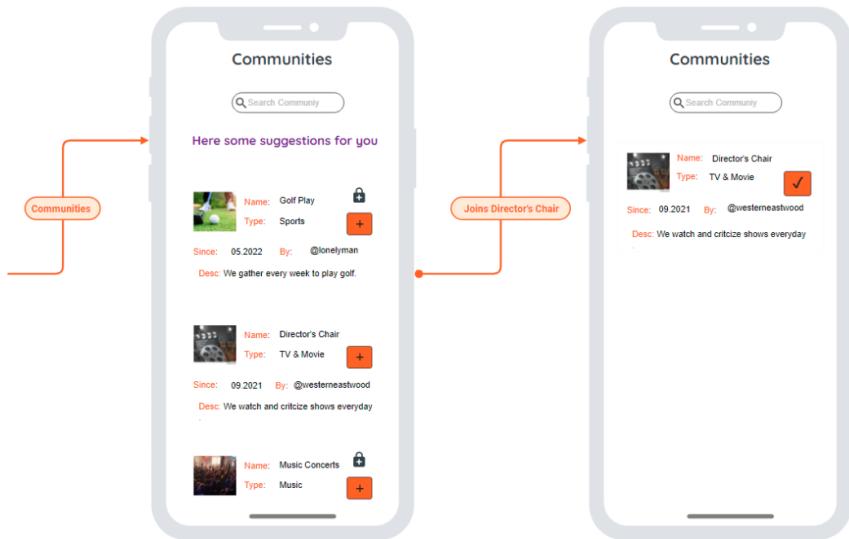
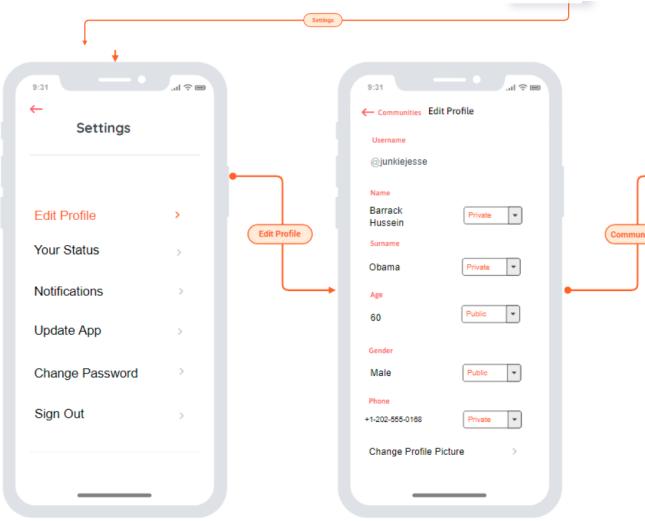
## Scenario

1. Barrack opens software.
2. At the first page he faces, he taps Sign-Up button.
3. He enters mail and a password to sign-up.
4. Then he clicks to Settings/Edit Profile.
5. Then he starts to enter his personal informations such as username, name-surname, age, gender, phone number, mail, password.

6. In every boxes that he enters his informations, there is a mini-box next to it, where he can choose this information is public or private.
7. Since he is a famous person, he decides to make personal informations private to avoid too much interest from other users.
8. After he enters valid entries, he goes to communities page in software.
9. Since he is a first-time user, he will be recommended for some communities to get start with the software. He will be able to join to one of these recommended communities, or he can search one specific community.
10. He decides to join a community related to TV Shows.

## Mockups For Set Privacy





## Mockup For Web

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Login to Purposeful Community

Email:

barrack.obama@usa.gov

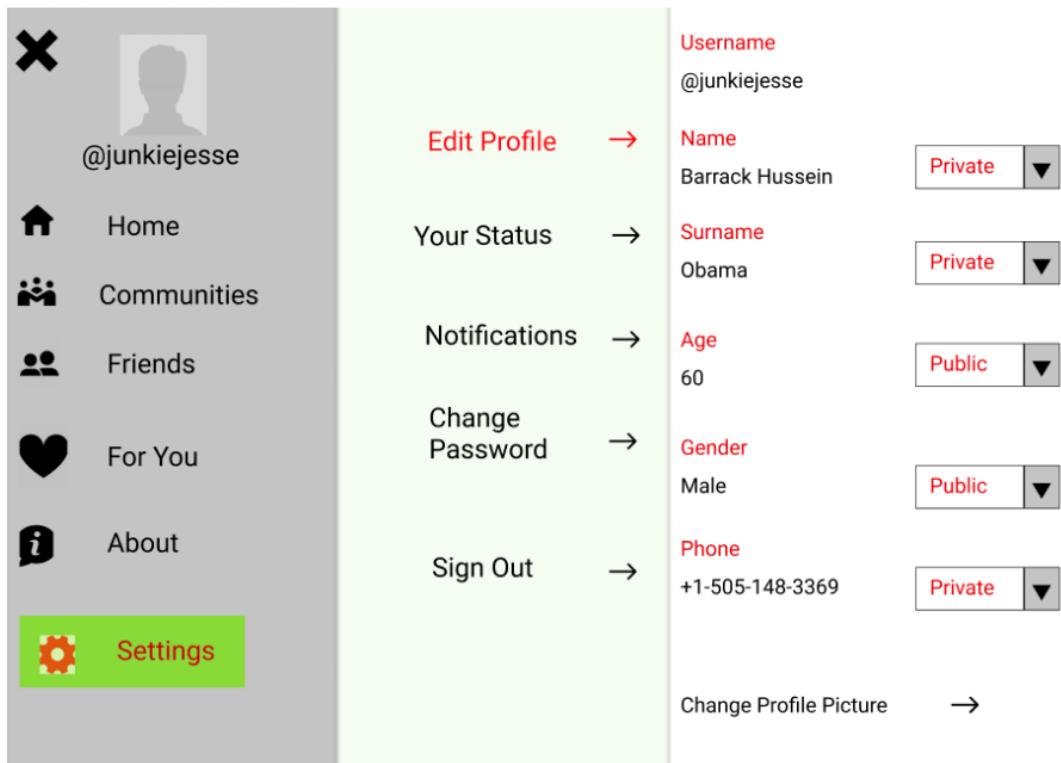
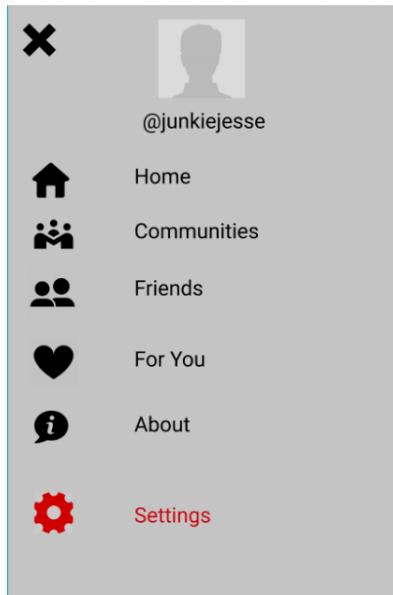
Password:

\*\*\*\*\*

Login

[Forgot Password](#)

[Sign Up](#)

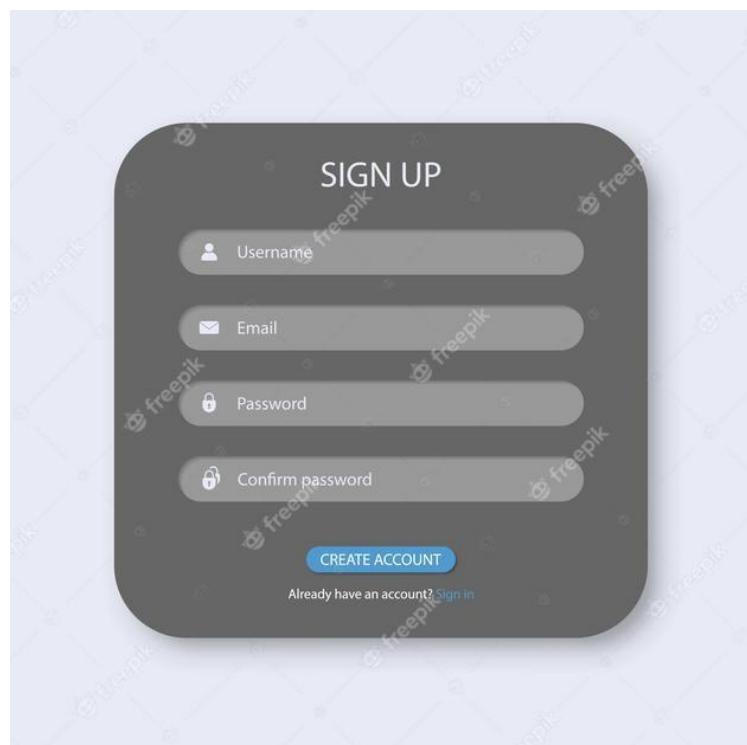


# Mock Ups For Web Application

## #1 Login and Sign Up Pages



A dark-themed login form titled "LOGIN". It features two input fields: "Username" (with a person icon) and "Password" (with a lock icon). Below these is a "Remember me" checkbox. A blue "LOGIN" button is at the bottom right, with a "Forgot your password?" link below it.



A dark-themed sign up form titled "SIGN UP". It has four input fields: "Username" (person icon), "Email" (envelope icon), "Password" (lock icon), and "Confirm password" (lock icon). At the bottom is a blue "CREATE ACCOUNT" button. Below it, a small note says "Already have an account? [Sign in](#)".

## #2 Home Feed Page

The screenshot shows a social media application interface. On the left is a sidebar with navigation options: 'My Community 1' (selected), 'Explore', 'My Community', 'Lists', 'Profile', and 'More'. Below the sidebar is a large blue button labeled 'Share'. The main content area features a header 'My Community 1' with a search bar. Below the header, there are three posts:

- Annie** (@annie) • 14s: "What's happening" (with a purple placeholder image).
- Jorge McKinney** (@Travis Wade) • 14s: "This is a Post. It can be long, or short. Depends on what you have to say. It can have some hashtags too. #likethis" (with a placeholder image).
- Serenity Jones** (@Crystal Robinson) • 14s: "This is a Post. It can be long, or short. Depends on what you have to say. It can have some hashtags too. #likethis" (with a placeholder image).

To the right of the posts is a sidebar titled 'Paris Trend' showing trending topics:

1. Trending: #JessieMueller (456K Posts)
2. Trending: #ThelmaJones (456K Posts)
3. Trending: #LoisPearson (456K Posts)
4. Trending: #WilmaBoyd (456K Posts)
5. Trending: #WilmaBoyd (456K Posts)
6. Trending: #ErikBaker (456K Posts)

Below the trends is a section titled 'Who to follow' with three suggestions:

- McFly** (@levraimcfly) with a 'Follow' button.
- JohnDoe** (@johndoe) with a 'Follow' button.
- Janis Joplin** (@realjanice) with a 'Follow' button.

## #3 Community Page

The screenshot shows a community page for 'football community'. At the top, there is a banner with the text 'Posts related to football community can be found here. ENJOY !'.

The main content area displays two posts:

- COACHES WITH THE MOST LEAGUE POINTS IN THE 21ST CENTURY** (Posted by ): A chart showing the top coaches based on league points. The data is as follows:

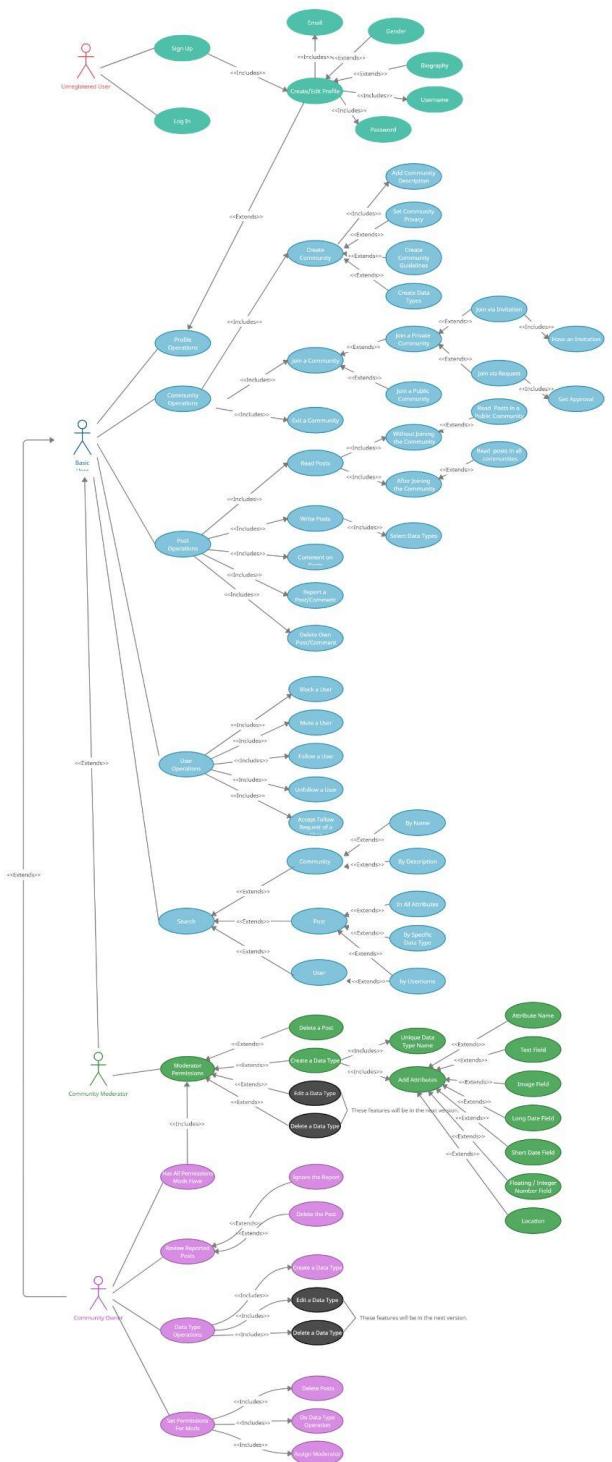
Rank	Name	Points
1	ANCLOTTI	706
2	WENGER	702
3	MOURINHO	661
4	FERGUSON	513
5	GUARDiola	513
6	KLOPP	569
7	BENITEZ	572
8	PUEL	705
9	RANIERI	593
10	PELLEGRINI	550
- [The Athletic UK] Solskjaer told he's safe for now but United's squad is confused and divided.** (Posted by ): A news snippet from The Athletic UK about Manchester United's manager Solskjaer.

On the right side of the page, there are sections for 'About Community', 'Filter by flair', 'Related Communities', and 'Rules of the community'.

# 1.3 UML Diagrams

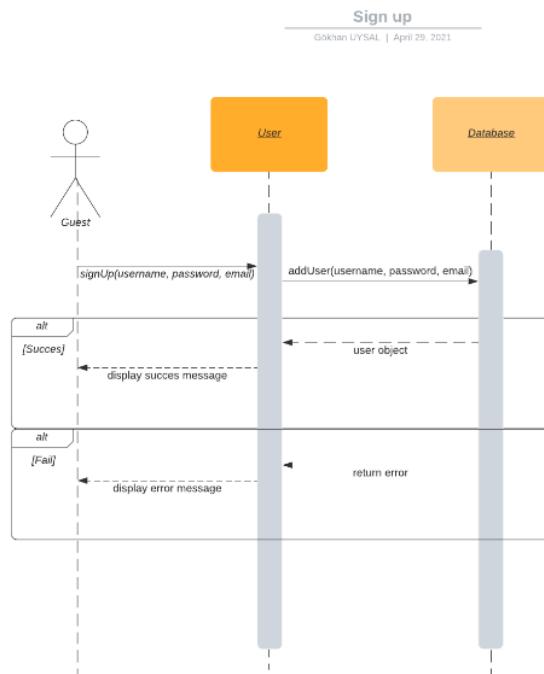
## 1.3.1 Use-Case

[https://github.com/bounswe/2021SpringGroup8/blob/efa46828a6577017a65b3b8b2f8f8808d8dac38e/imgs/use\\_case.jpg](https://github.com/bounswe/2021SpringGroup8/blob/efa46828a6577017a65b3b8b2f8f8808d8dac38e/imgs/use_case.jpg)

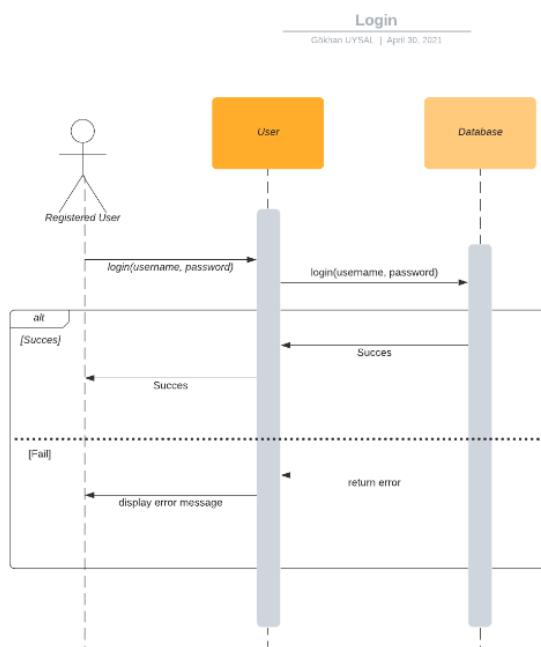


## 1.3.2 Sequence Diagrams

### 1. Sign Up

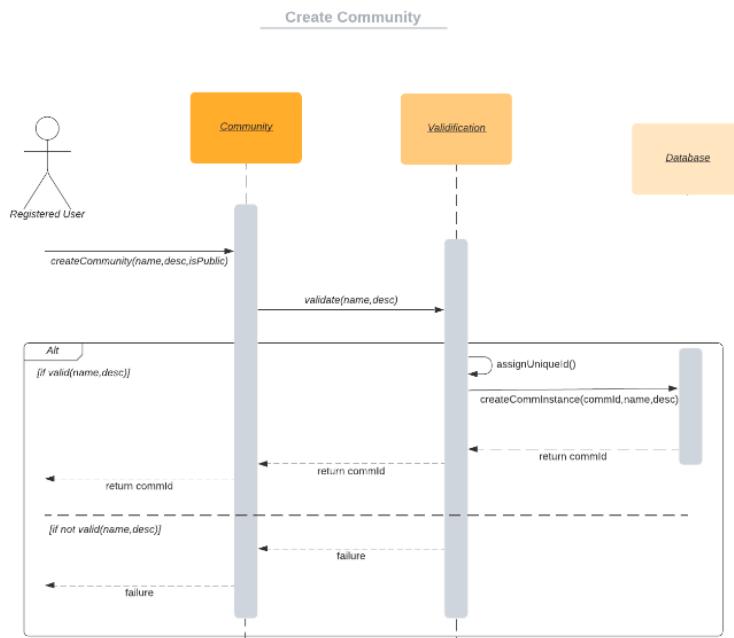


### 2. Login



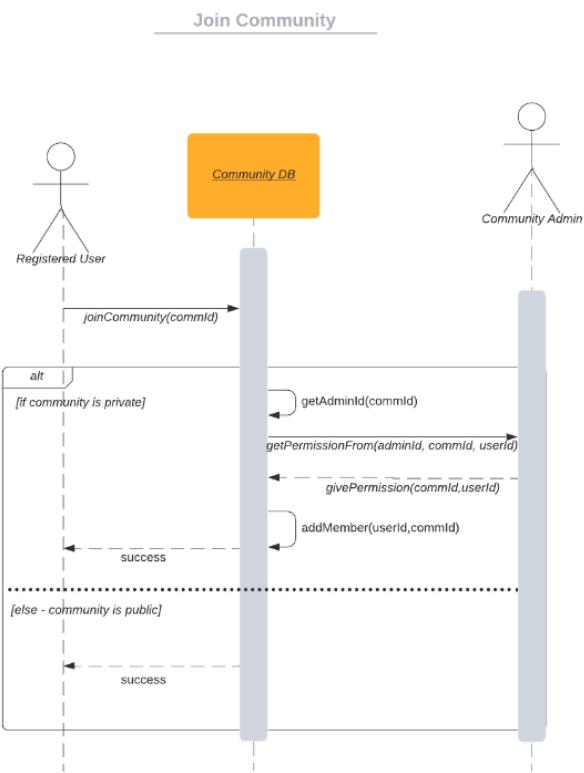
### 3. Create Community

Muhammet Çavuş



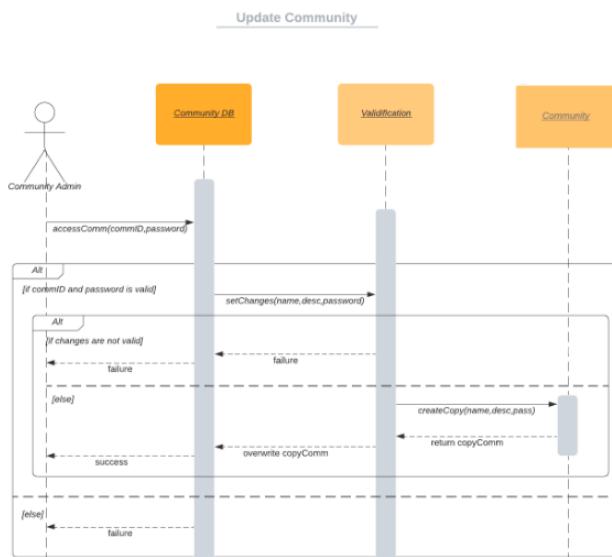
#### 4. Join Community

Muhammet Çavuş

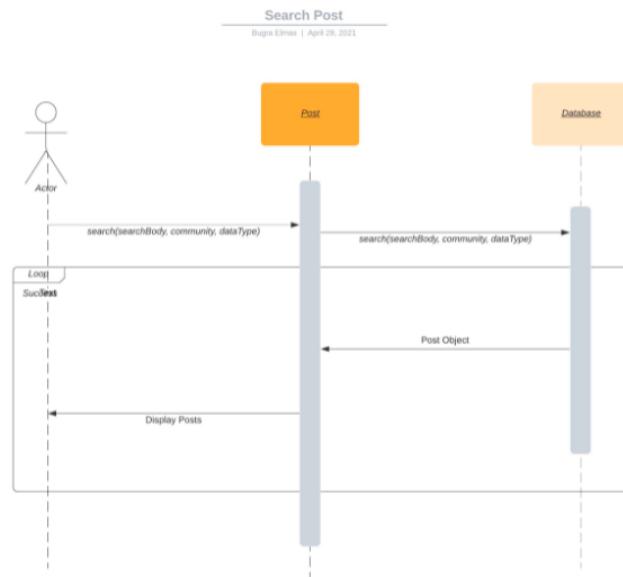


#### 5. Update Community

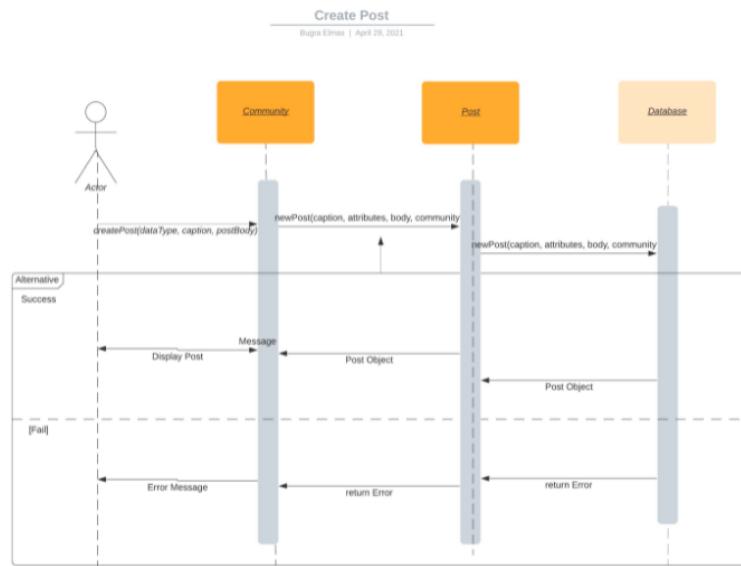
Muhammet Çavuş



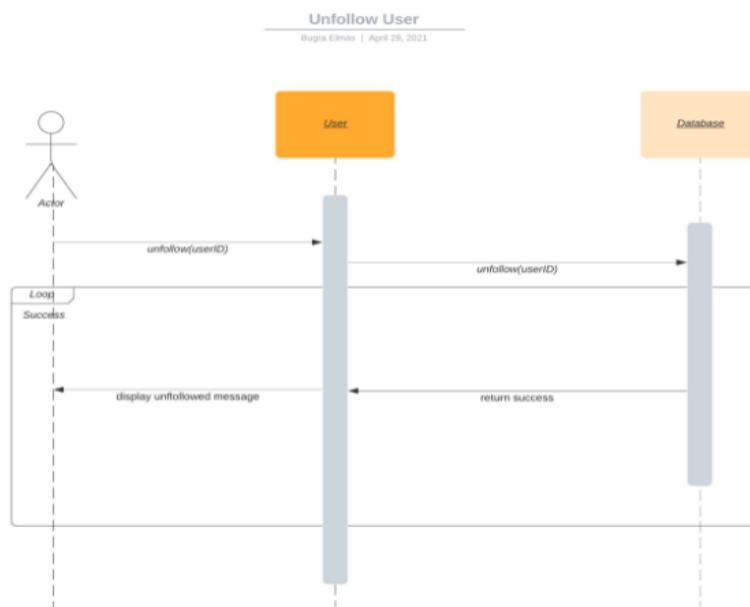
## 6. Search Post



## 7. Create Post

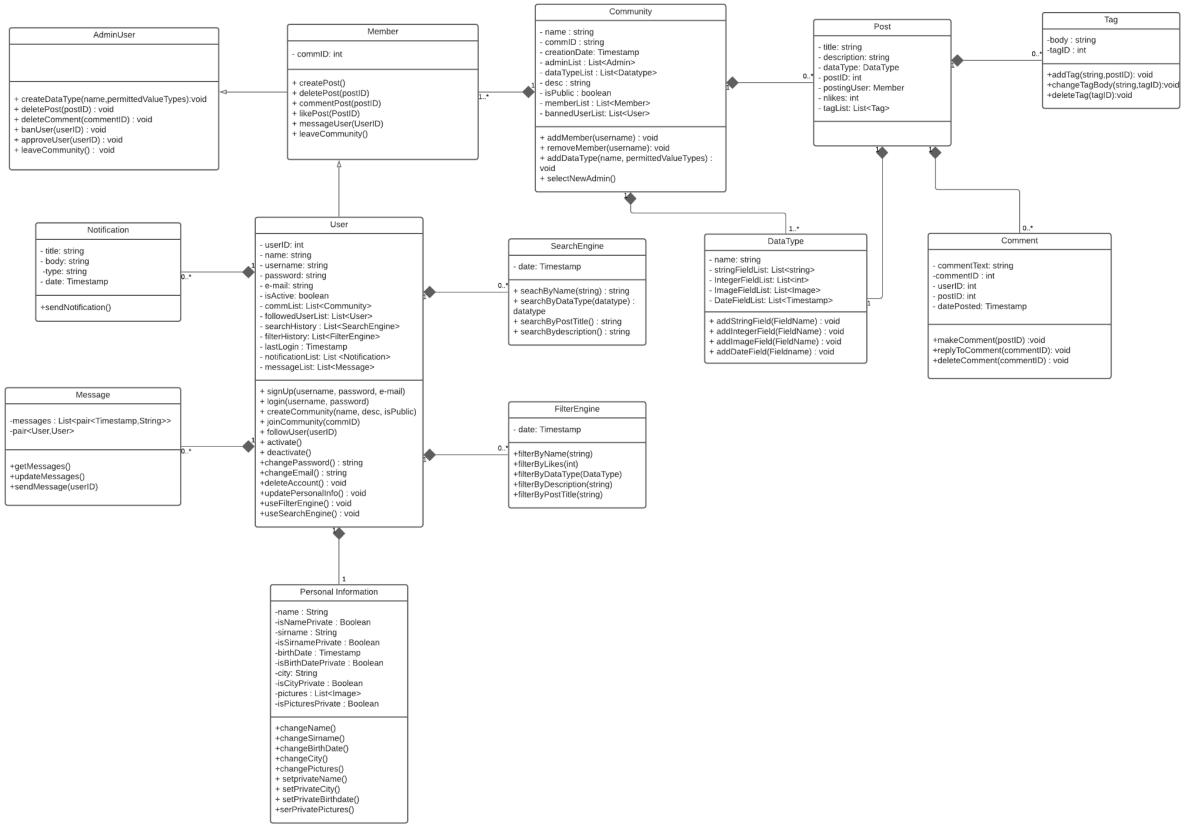


## 8. Unfollow User



### 1.3.3 Class Diagram

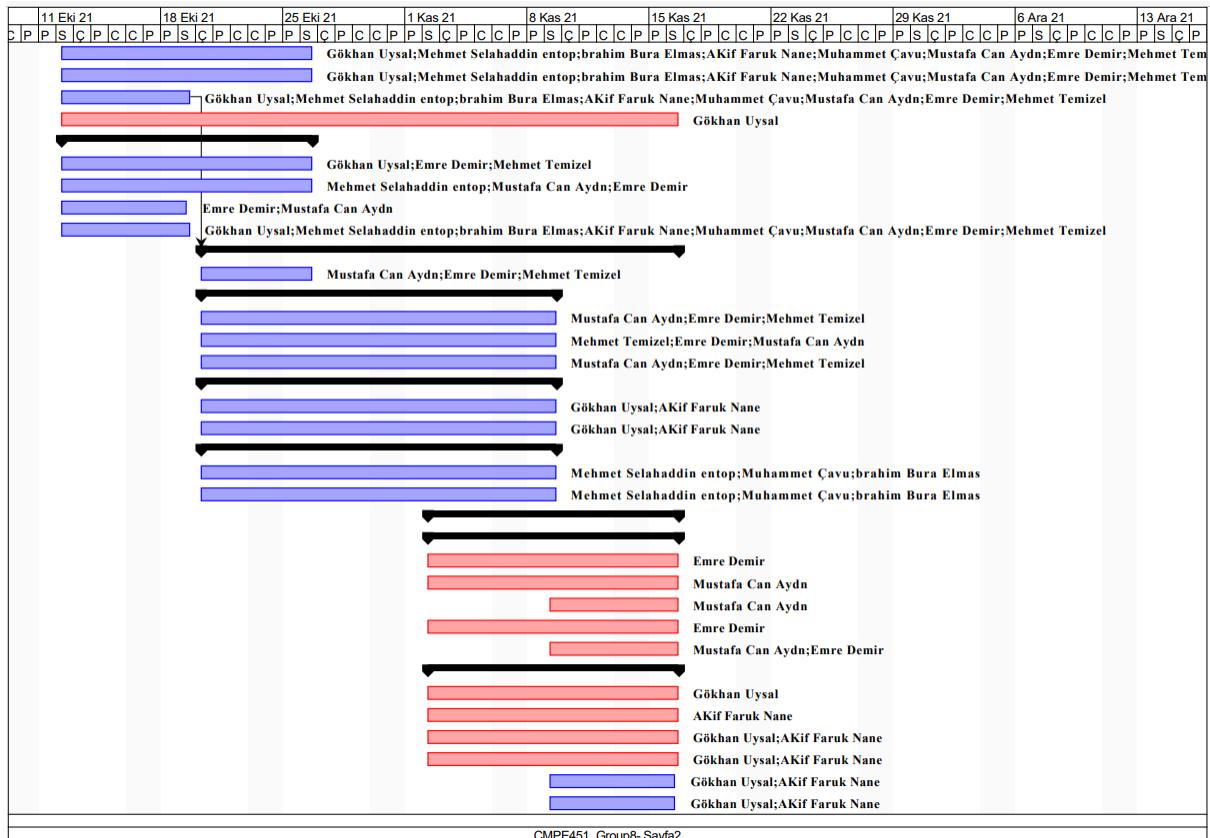
<https://github.com/bounswe/2021SpringGroup8/blob/efa46828a6577017a65b3b8b2f8f8808d8dac38e/Img/class-diagram.png>



## 1.4 Project plan

		Ad	Süre	Başlat	Bitirme	Önceki	Kaynak Adalar
1		Revising personal vido pages	11 günler?	12.10.2021 08:00	26.10.2021 17:00		Gökhan Uysal;Mehmet Selahaddin entop;brahim Bura Elmas;Akif F...
2		Examining previous years repositories	11 günler?	12.10.2021 08:00	26.10.2021 17:00		Gökhan Uysal;Mehmet Selahaddin entop;brahim Bura Elmas;Akif F...
3		Researching and determining techs	6 günler?	12.10.2021 08:00	19.10.2021 17:00		Gökhan Uysal;Mehmet Selahaddin entop;brahim Bura Elmas;Akif F...
4		Creating Project plan	26 günler?	12.10.2021 08:00	16.11.2021 17:00		Gökhan Uysal
5		<b>Requirements update</b>	<b>11 günler?</b>	<b>12.10.2021 08:00</b>	<b>26.10.2021 17:00</b>		
6		Non-functional Requirements update	11 günler?	12.10.2021 08:00	26.10.2021 17:00		Gökhan Uysal;Emre Demir;Mehmet Temizel
7		Functional Requirements update	11 günler?	12.10.2021 08:00	26.10.2021 17:00		Mehmet Selahaddin entop;Mustafa Can Aydn;Emre Demir
8		Adding additional mockups	5,5 günler?	12.10.2021 08:00	19.10.2021 13:00		Emre Demir;Mustafa Can Aydn
9		Get to know each other with new members	6 günler?	12.10.2021 08:00	19.10.2021 17:00		Gökhan Uysal;Mehmet Selahaddin entop;brahim Bura Elmas;Akif F...
10	R&D		20 günler?	20.10.2021 08:00	16.11.2021 17:00	3	
11		Commit Messages	5 günler?	20.10.2021 08:00	26.10.2021 17:00		Mustafa Can Aydn;Emre Demir;Mehmet Temizel
12	Frontend Research		15 günler?	20.10.2021 08:00	09.11.2021 17:00		<b>Mehmet Temizel;Emre Demir;Mustafa Can Aydn</b>
13		Form validations	15 günler?	20.10.2021 08:00	09.11.2021 17:00		Mustafa Can Aydn;Emre Demir;Mehmet Temizel
14		React	15 günler?	20.10.2021 08:00	09.11.2021 17:00		Mehmet Temizel;Emre Demir;Mustafa Can Aydn
15		SSS	15 günler?	20.10.2021 08:00	09.11.2021 17:00		Mustafa Can Aydn;Emre Demir;Mehmet Temizel
16	Backend Research		15 günler?	20.10.2021 08:00	09.11.2021 17:00		<b>Gökhan Uysal;Akif Faruk Name</b>
17		http server python	15 günler?	20.10.2021 08:00	09.11.2021 17:00		Gökhan Uysal;Akif Faruk Name
18		Researching MongoDB	15 günler?	20.10.2021 08:00	09.11.2021 17:00		Gökhan Uysal;Akif Faruk Name
19	Android Research		15 günler?	20.10.2021 08:00	09.11.2021 17:00		<b>Mehmet Selahaddin entop;Muhammet Çavu;brahim Bur...</b>
20		Kotlin	15 günler?	20.10.2021 08:00	09.11.2021 17:00		Mehmet Selahaddin entop;Muhammet Çavu;brahim Bura Elmas
21		XML syntax	15 günler?	20.10.2021 08:00	09.11.2021 17:00		Mehmet Selahaddin entop;Muhammet Çavu;brahim Bura Elmas
22	Development		11 günler?	02.11.2021 08:00	16.11.2021 17:00		
23	frontend		11 günler?	02.11.2021 08:00	16.11.2021 17:00		<b>Mustafa Can Aydn;Emre Demir;Mehmet Temizel</b>
24		creating signup page	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Emre Demir
25		creating login page	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Mustafa Can Aydn
26		creating community page	8 günler?	09.11.2021 08:00	16.11.2021 17:00		Mustafa Can Aydn
27		creating home page	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Emre Demir
28		integration with backend	8 günler?	09.11.2021 08:00	16.11.2021 17:00		Mustafa Can Aydn;Emre Demir
29	backend		11 günler?	02.11.2021 08:00	16.11.2021 17:00		<b>Gökhan Uysal;Akif Faruk Name</b>
30		Creating Database	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Gökhan Uysal
31		Creating server	11 günler?	02.11.2021 08:00	16.11.2021 17:00		AKif Faruk Name
32		Implementing Signup	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Gökhan Uysal;Akif Faruk Name
33		Implementing Login	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Gökhan Uysal;Akif Faruk Name
34		Implementing Community endpoints	5,5 günler?	09.11.2021 08:00	16.11.2021 13:00		Gökhan Uysal;Akif Faruk Name
35		Implementing post endpoints	5,5 günler?	09.11.2021 08:00	16.11.2021 13:00		Gökhan Uysal;Akif Faruk Name

CMPE451\_Group8-Sayfa1



CMPE451\_Group8-Sayfa2

		Ad	Süre	Balat	Bitirme	Önceki	Kaynak Adlar
36		Implementing user endpoints	5,5 günler?	09.11.2021 08:00	16.11.2021 13:00		Gökhan Uysal;Akif Faruk Name
37		android	11 günler?	<b>02.11.2021 08:00</b>	<b>16.11.2021 17:00</b>		Muhammet Çavuş;brahim Bura Elmas;Mehmet Selahaddin ...
38		Creating Welcome page	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Muhammet Çavuş
39		Creating login page	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Muhammet Çavuş
40		Creating sign up page	11 günler?	02.11.2021 08:00	16.11.2021 17:00		Muhammet Çavuş
41		Creating communities page	6 günler?	09.11.2021 08:00	16.11.2021 17:00		Muhammet Çavuş

**Gökhan Uysal/Akif Faruk Nane**

Muhammet Çavuş  
Muhammet Çavuş  
Muhammet Çavuş  
Muhammet Çavuş

## 1.5 Communication Plan

Lab Meeting	Every Tuesday @3pm, Zoom
Weekly Meeting	Every Sunday @8pm, Discord
Slack	When Needed
Discord	When Needed
Whatsapp	When Needed

# 1.6 RAM

L - Lead, C - Contributor , A- Approval , R -reviewer, N -none	Mustafa Can Aydin	Akif Faruk Nane	Gokhan Uysal	Muhammed Cavus	Emre Demir	Bugra Elmas	Mehmet Selahaddin Şentop	Mehmet Temizel
<b>GitHub Repository</b>								
Updating Personal Wiki Pages	C	C	C	C	C	C	C	C
Weekly Meeting Notes	L	R	R	R	R	R	R	R
Project Plan and RAM	C	C	L	R	R	C	C	C
Labeling of issues	L	C	C	C	C	C	C	C
GitHub project wiki page	C	C	C	C	C	C	C	C
Writing Weekly Effort	C	C	C	C	C	C	C	C
Reviewing Scenarios & Mockups	C-A-R	R	R	C	C	R	R	R
<b>Communication</b>								
Communication Plan Updated	L	C	C	C	C	C	C	C
<b>Mobile</b>								
Welcome Page's Implementation	R-A	N	N	L	N	N	R	N
Login Page's Implementation	R-A	N	N	L	R	R	R	N
Signup Page Implementation	R-A	N	N	L	R	N	R	N
Community Main Page Implementation	R-A	N	N	L	R	N	R	N
<b>Frontend</b>								
Welcome Page's Implementation	L	N	N	N	R-A	N	N	R
Login Page's Implementation	L	N	N	R	C-R-A	N	N	R
Signup Page's implementation	A-R-C	N	N	R	L	N	N	R
Home Page (Side Bar)	A-R	N	N	R	L	N	N	R
Community Page Nav Bar	C	N	N	R	C-R-A	N	N	L-C
Backend integration services	L	N	N	R	C	N	N	R
<b>Backend Server</b>								
Login endpoint Implementation	R	L	R/A	R	R	N	N	N
Signup endpoint Implementation	R	L	R/A	R	R	N	N	N
Get My Profile endpoint Implementation	N	L	R/A	R	R	N	N	N
Get User Preview endpoint Implementation	N	L	R/A	R	R	N	N	N
Create Community endpoint Implementation	N	L	R/A	R	R	N	N	N
Subscribe To Community endpoint Implementation	N	L	R/A	R	R	N	N	N
Unsubscribe Community endpoint Implementation	N	L	R/A	R	R	N	N	N
Get All Communities endpoint Implementation	N	L	R/A	R	R	N	N	N
Get Community endpoint Implementation	N	L	R/A	R	R	N	N	N
Delete Community endpoint Implementation	N	L	R/A	R	R	N	N	N
Submit Post endpoint Implementation	N	L	R/A	R	R	N	N	N
View Post endpoint Implementation	N	L	R/A	R	R	N	N	N
Delete Post endpoint Implementation	N	L	R/A	R	R	N	N	N
<b>Backend Database</b>								
Login functionality implementation	N	R/A	L	R	N	N	N	N
Signup functionality implementation	N	R/A	L	R	N	N	N	N
find user functionality implementation	N	R/A	L	R	N	N	N	N
get user preview functionality implementation	N	R/A	L	R	N	N	N	N
create community functionality implementation	N	R/A	L	R	N	N	N	N
subscribe community functionality implementation	N	R/A	L	R	N	N	N	N
Unsubscribe Community functionality Implementation	N	R/A	L	R	N	N	N	N
get all communities functionality implementation	N	R/A	L	R	N	N	N	N
get community functionality implementation	N	R/A	L	R	N	N	N	N
Delete community functionality implementation	N	R/A	L	R	N	N	N	N
create post functionality implementation	N	R/A	L	R	N	N	N	N
find post functionality implementation	N	R/A	L	R	N	N	N	N
Delete post functionality implementation	N	R/A	L	R	N	N	N	N
<b>Deployment</b>								
AWS Account's creation	N	N	N	N	L	N	N	N
AWS EC2 instance's creation	N	N	N	N	L	N	N	N
Deployment of the application into EC2 instance of AWS	N	N	N	N	L	N	N	N
<b>Requirements</b>								
Update of functional user requirements	R-A	R	N	R	L	R	R	R
Update of functional system requirements	L	R	N	R	R	R	R	R
Update of non functional user requirements	R	R	R	R	R	R	R	R
Update of non functional system requirements	R	R	C	R	R	N	C	C-R
Update of mock-ups	C-R-A	N	N	R	C-R-A	N	R	R

<https://github.com/bounswe/2021SpringGroup8/blob/master/deliverables/RAM.pdf>

## 2. Milestone Review

### 2.1 Executive Summary

- **Introduction**

As a software development team, group 8, we are gathered to develop a software product, named as FaceSpace. To achieve that, we divided tasks and organized our times and resources. And we presented the first version of the application.

- **FaceSpace**

FaceSpace is a Purposeful Community project. It basically aims to bring people, who are from different places of the world, together so that they can create a community which has specific topics. In those communities, they can communicate, share their opinions or thoughts with each other. Those thoughts and communities can be related to anything as long as they are not offensive to others.

To summarize what this app does, it lets you create your own profile with as much information as you want to add, and with that profile you meet with other people who have common interests with you.

By following those features, we released the first version of the app.

- **Current Status of Application**

For now, we only implemented some parts of the applications.

- a. **Backend**

In the backend part, we implemented all the functionalities regarding creating, deleting, fetching the users, communities and posts. They are

uploaded to the cloud and ready to use by the frontend and mobile team.

#### b. Mobile

In the mobile part, we implemented welcome, login, signup and communities page. Login and signup pages bind to the cloud to get or post information. But the community page is not yet bound to cloud.

#### c. Frontend

In the frontend part, we implemented welcome, login, sign up and home feed page, communities page. Login and sign up pages are completely finished, however the other pages needs to be completed. We implemented necessary functions to integrate with the backend. We deployed our frontend application to the cloud.

### - Future Plans

As we move along, we will improve what we have done and implement new functionalities that are supposed to be in the applications. Such as creating communities and posts. We get some propositions and possible improvements about our app, from our teacher and TA. So we will apply them.

## 2.2 Status and List of Deliverables

Deliverable Name	Delivery Date	Status
Requirements	2.11.2021	Delivered
UML Software Designs	3.11.2021	Delivered
Scenarios and Mockups	26.10.2021	Delivered

Project Plan	20.11.2021	Delivered
Communication Plan	20.11.2021	Delivered
RAM	20.11.2021	Delivered
Milestone Review	20.11.2021	Delivered

Deliverable Name	Backend Status	Frontend Status	Mobile Status
Login	Completed	Completed	Completed
Signup	Completed	Completed	Completed
View User Profile	Completed	Partially Completed	Not Completed
Create Community	Completed	Partially Completed	Partially Completed
Subscribe/Unsubscribe To Community	Completed	Not completed	Partially Completed
List All Communities	Completed	Partially completed	Partially Completed
View Community	Completed	Partially Completed	Not Completed
Delete Community	Completed	Not Completed	Not Completed
Submit Post	Completed	Partially Completed	Not Completed
View Post	Completed	Partially Completed	Not Completed
Delete Post	Completed	Not Completed	Not Completed

## **2.3 Requirements Addressed in this Milestone**

### **1. Functional Requirements**

#### **1.1 Functional User Requirements**

##### **1.1.1 Sign Up**

- 1.1.1.1 Guests shall be able to sign up as a customer by providing their email address, choosing a password and a unique username.
- 1.1.1.2 Each user shall have a unique username and password- that contains letters, digits, underscore and symbols-

##### **1.1.2 Sign In**

- 1.1.2.1 Users will use this unique username and password combination to log in the system.

##### **1.1.3 Profile**

- 1.1.3.1 Users shall have a profile page. (*backend side is implemented*)
- 1.1.3.2 Each user should be able to choose the communities that they are interested in. (*backend side is implemented*)
- 1.1.3.3 Each user should create a profile about them that contains information about them. (*backend side is implemented*)

##### **1.1.5 Communities**

- 1.1.5.1 Each user shall create a community, join an existing community or exit a joined community as they want.

### **2. Non-Functional Requirements**

#### **2.1 Standards**

- Implementation of the system shall be in line with guidelines of [W3C Activity Stream Standard 2.0](#).

## 2.2 Security

- 2.2.1 User Information security
  - 2.2.1.1 Password length shall be in the predefined range (8-16) and passwords must not contain non-ASCII characters.
  - 2.2.1.2 Passwords shall be encrypted with SHA256 hash-algorithms before being stored in the database.
  - 2.2.1.3 Passwords shall include at least one upper case letter.

## 2.3 Performance

- 2.3.1 Response
  - 2.3.1.1 System response time shall be under 1 second in order for the user's flow of thought to stay uninterrupted.
  - 2.3.1.2 System shall respond to the user in a maximum of 10 seconds. For longer delays, users may want to perform other tasks while waiting for the system to finish so the system should give feedback to users indicating when the system expects it to be done.
  - 2.3.1.3 If a delay in response occurs during an operation using a third-party application, then the user shall be informed about that.
- 2.3.2 Efficiency
  - 2.3.2.1 The system should be able to serve up to 1000 concurrent users.
  - 2.3.2.2 At least, %20 of the system's processing capacity will be available during peak load hours.

## 2.4 Reliability

- 2.4.1 Response Reliability
  - 2.4.1.1 Supported number of concurrent users(1000) shall be scalable as the registered user numbers grow to (100 000).
  - 2.4.1.2 If Crash happens the system shall response with error message.

- 2.4.2 Maintenance Reliability
  - 2.4.2.1 Maintenance schedule indicating unavailability of the system shall be announced at least 1 day before.
  - 2.4.2.2 Maintenance time shall not be longer than an hour.

## 2.6 Accessibility

- System will be available to access from desktop or mobile devices.
- System shall be accessible using modern browsers.
- System will be responsive to aspect ratios of devices used to access the system.
- Platform shall support ASCII and UNICODE characters.

## **2.4 Evaluation of the status of deliverables and its impact on your project plan**

We have updated our Requirements from last semester in order to create a more comprehensive and realistic backbone to our project. Requirements 1.1.1, 1.1.2 and 1.1.3 are fully implemented, 1.1.5 partly implemented and shown in the demo. Additionally Scenarios & Mockups and UML Diagrams from last semester were also reviewed and updated. We tried to create the frontend and mobile app to reflect Mockups and created the backend according to our UML Diagrams. So, Concluding the project plan and delivering it in due time made it easier to implement our project. Backend implementation has been done successfully and can be seen in the codebase, as for the frontend and mobile, they are still in progress and we keep on updating them to catch up with backend.

## **2.5 Evaluation of tools and processes**

### **Frontend**

We decided to use React js as a javascript framework after discussions on the team meetings. React provides many advantages compared to other frameworks of choices. It provides reusable components with a lot of support due to its vast

adoption and popularity. It supports proficient data binding. It has excellent cross platform support. It handles dependencies quite easily. It provides amazing developer tools. It has support for template designing making it easier to learn. It has quite good SEO solutions. It is extremely competent and widely used. As a result of all of these qualities, React js became the framework of choice for the frontend team. During the implementation of frontend we decided to use redux to encapsulate state management of the data.

Although React has many benefits, there were mechanisms that we had difficulty implementing. It took a lot of time to understand redux in particular. It didn't have much contribution as css, and it took us quite some time to learn how to apply css. The reason why many pages did not catch up was that this css and redux took a lot of time. While we were trying to merge the code we wrote for the project, we encountered difficulties of conflict in merge due to different css used in react and editing of the same routing javascript file. In order to resolve the issues we had to meet up and manually change the conflicting parts.

## Backend

On the server side, we preferred not to use any library or framework since they generally require additional installation steps and also, we didn't want to make it harder to deploy. First, we considered Django as a backend server. However, the python implementation of Django is not good in terms of performance. Moreover, it cannot process multiple requests at a time. It can't start processing a request while another one is in the process. We have used **base python http handlers** with multithreading which now they can process multiple requests. For user tokenization, we have written a server manager class and it is implemented there.

For the database we used MongoDB. MongoDB is an open-source database. It is a NoSQL database. To use MongoDB, we also used BSON. BSON is a binary style of JSON. One of the reasons that we used MongoDB is it supports SQL query

language along with JSON query language. The other reason for selecting MongoDB is it is flexible and makes it easy to evolve the database.

## Mobile

We were responsible for developing a mobile application on Android. That left us with 2 options for programming languages: Java and Kotlin. Since Kotlin is more common and encouraged by official resources, we decided to use Kotlin. Coming with a built-in emulator, we also used the official IDE Android Studio. Due to its specific design for creating Android applications, we did not need any other tool for the development process. We divided the required functionalities into several tasks. Login and Sign up pages are fully completed while Create Community, Subscribe/Unsubscribe To Community and List All Communities pages are partially completed. We are working on the remaining pages that are listed above.

## 2.6 Work Done by Each Member

Akif Faruk NANE	<ul style="list-style-type: none"><li>- Prepared Delivery Status Table in Milestone1</li><li>- Wrote Requirements Addressed in this Milestone1.</li><li>- Wrote a paragraph in backend tools section in Milestone1</li><li>- Updated RAM plan in Milestone1</li><li>- Created One Pull Request: <a href="https://github.com/faruknane · Pull Request #114 · bounswe/2021SpringGroup8 (github.com)">Backend by faruknane · Pull Request #114 · bounswe/2021SpringGroup8 (github.com)</a></li><li>- Opened some Issues:<ul style="list-style-type: none"><li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/112">https://github.com/bounswe/2021SpringGroup8/issues/112</a></li></ul></li></ul>
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	<ul style="list-style-type: none"> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/92">https://github.com/bounswe/2021SpringGroup8/issues/92</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/121">https://github.com/bounswe/2021SpringGroup8/issues/121</a></li> <li>- Assigned to many issues: <ul style="list-style-type: none"> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/91">https://github.com/bounswe/2021SpringGroup8/issues/91</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/104">https://github.com/bounswe/2021SpringGroup8/issues/104</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/109">https://github.com/bounswe/2021SpringGroup8/issues/109</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/117">https://github.com/bounswe/2021SpringGroup8/issues/117</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/119">https://github.com/bounswe/2021SpringGroup8/issues/119</a></li> </ul> </li> <li>- Updated my wiki page: <a href="#">Akif Faruk NANE · bounswe/2021SpringGroup8 Wiki (github.com)</a></li> <li>- Implemented many functionalities at backend side</li> <li>- Had many meetings with Gökhan whom I am working with in the backend team</li> <li>- Reviewed Gökhan's database code and tested it. If there are bugs, I report them to Gökhan. He fixed them.</li> <li>- Created mini HTML pages to test the backend server.</li> <li>- Gökhan and I prepared the backend successfully for the customer meeting as planned.</li> <li>- Wrote endpoint documentation for our team. <a href="https://github.com/bounswe/2021SpringGroup8/blob/master/backend/Endpoints/Readme.md">https://github.com/bounswe/2021SpringGroup8/blob/master/backend/Endpoints/Readme.md</a></li> <li>- Wrote documentation for the backend server. <a href="https://github.com/bounswe/2021SpringGroup8/blob/master/backend/README.md">https://github.com/bounswe/2021SpringGroup8/blob/master/backend/README.md</a></li> </ul>
Gökhan Uysal	<ul style="list-style-type: none"> <li>- Prepared project plan in Milestone 1</li> <li>- Wrote some of the part of backend tools section in Milestone1</li> <li>- Updated RAM in Milestone1</li> <li>- Updated my personal wiki page: <a href="https://github.com/bounswe/2021SpringGroup8/wiki/G%C3%B6khan-UYSAL">https://github.com/bounswe/2021SpringGroup8/wiki/G%C3%B6khan-UYSAL</a></li> <li>- Implemented many functionalities at the database part of backend server</li> <li>- Had many meetings with Akif Faruk Nane Who working in backend Team with me</li> <li>- Reviewed Akif Faruk Nane code at backend and tested it. When I found a bug I reported it to Akif Faruk Nane.</li> <li>- Akif Faruk Nane and I prepared backend successfully to customer meeting.</li> <li>- Created one pull request with Akif Faruk</li> </ul>

	<p>Nane:<a href="https://github.com/bounswe/2021SpringGroup8/pull/114">https://github.com/bounswe/2021SpringGroup8/pull/114</a></p> <ul style="list-style-type: none"> <li>- Issues:           <ul style="list-style-type: none"> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/104">https://github.com/bounswe/2021SpringGroup8/issues/104</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/109">https://github.com/bounswe/2021SpringGroup8/issues/109</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/112">https://github.com/bounswe/2021SpringGroup8/issues/112</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/92">https://github.com/bounswe/2021SpringGroup8/issues/92</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/91">https://github.com/bounswe/2021SpringGroup8/issues/91</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/117">https://github.com/bounswe/2021SpringGroup8/issues/117</a></li> </ul> </li> </ul>
Muhammet Çavuş	<ul style="list-style-type: none"> <li>- I updated Sequence Diagrams. <a href="https://github.com/bounswe/2021SpringGroup8/issues/99">https://github.com/bounswe/2021SpringGroup8/issues/99</a></li> <li>- I updated Scenarios and MockUps <a href="https://github.com/bounswe/2021SpringGroup8/issues/84">https://github.com/bounswe/2021SpringGroup8/issues/84</a></li> <li>- Studied Kotlin to develop a mobile application. <a href="https://github.com/bounswe/2021SpringGroup8/issues/88">https://github.com/bounswe/2021SpringGroup8/issues/88</a></li> <li>- Prepared the Executive Summary of the this report.</li> <li>- Created 2 pull request <a href="https://github.com/bounswe/2021SpringGroup8/pull/116">https://github.com/bounswe/2021SpringGroup8/pull/116</a> <a href="https://github.com/bounswe/2021SpringGroup8/pull/120">https://github.com/bounswe/2021SpringGroup8/pull/120</a></li> <li>- Prepared Android part of the application Welcome Page Login Page SignUp Page Communities Page Link to screenshots of those pages: <a href="https://github.com/bounswe/2021SpringGroup8/tree/master/screenshots">https://github.com/bounswe/2021SpringGroup8/tree/master/screenshots</a></li> <li>- Helped the backend team to resolve starting the backend server by setting meeting with Akif Faruk Nane <a href="https://github.com/bounswe/2021SpringGroup8/issues/119">https://github.com/bounswe/2021SpringGroup8/issues/119</a></li> <li>- Gave the last version of the app from a day before the customer meeting, by setting a meeting with Mustafa can Aydın in the frontend team and we reviewed and detected the problems in the frontend part. <a href="https://github.com/bounswe/2021SpringGroup8/issues/118">https://github.com/bounswe/2021SpringGroup8/issues/118</a></li> </ul>
İbrahim Buğra Elmas	<ul style="list-style-type: none"> <li>- Wrote evaluation part in the Milestone report</li> <li>- Updated RAM</li> </ul>

	<ul style="list-style-type: none"> <li>- Reviewed my sequence diagram</li> <li>- Updated my personal wiki page</li> </ul>
M. Emre Demir	<ul style="list-style-type: none"> <li>- Added home feed, login and signup mockups for web  <a href="https://github.com/bounswe/2021SpringGroup8/issues/85">https://github.com/bounswe/2021SpringGroup8/issues/85</a>  <a href="https://github.com/bounswe/2021SpringGroup8/issues/73">https://github.com/bounswe/2021SpringGroup8/issues/73</a> </li> <li>- Researched on frontend technologies and studied on React.js  <a href="https://github.com/bounswe/2021SpringGroup8/issues/89">https://github.com/bounswe/2021SpringGroup8/issues/89</a> </li> <li>- Contributed to following parts of this milestone <ul style="list-style-type: none"> <li>- Executive Summary</li> <li>- List and status of deliverables</li> <li>- Evaluation of the status of deliverables and its impact on your project plan</li> <li>- Evaluation of tools and processes you have used to manage your team project</li> </ul> </li> <li>- Opened two different branches. One is merged by creating pull request, the other had to merge manually due to changes in project structure.  <a href="https://github.com/bounswe/2021SpringGroup8/pull/108">https://github.com/bounswe/2021SpringGroup8/pull/108</a> </li> <li>- Implemented following frontend pages <ul style="list-style-type: none"> <li>- Sign Up</li> <li>- Home Feed page (Implemented full page but just sidebar is used for consistency)</li> <li>- Related issues</li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/106">https://github.com/bounswe/2021SpringGroup8/issues/106</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/95">https://github.com/bounswe/2021SpringGroup8/issues/95</a></li> </ul> </li> <li>- Deployed frontend and backend applications to the amazon web services</li> <li>- Worked on CORS policy issue on backend side: Regarding commits: <ul style="list-style-type: none"> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/commit/b928b50d2e6bc3ec144b2996ff9e0409ddf91f7b">https://github.com/bounswe/2021SpringGroup8/commit/b928b50d2e6bc3ec144b2996ff9e0409ddf91f7b</a></li> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/commit/1572ce3bffb43b2a9654c0599f769e346ad92aa5">https://github.com/bounswe/2021SpringGroup8/commit/1572ce3bffb43b2a9654c0599f769e346ad92aa5</a></li> <li>- Multiple commits on Nov 16, 2021</li> </ul> </li> <li>- Updated functional user requirements <ul style="list-style-type: none"> <li>- <a href="https://github.com/bounswe/2021SpringGroup8/issues/79">https://github.com/bounswe/2021SpringGroup8/issues/79</a></li> </ul> </li> <li>- Revised implementations and gave feedback:  <a href="https://github.com/bounswe/2021SpringGroup8/issues/90">https://github.com/bounswe/2021SpringGroup8/issues/90</a>  <a href="https://github.com/bounswe/2021SpringGroup8/issues/95">https://github.com/bounswe/2021SpringGroup8/issues/95</a>  <a href="https://github.com/bounswe/2021SpringGroup8/issues/86">https://github.com/bounswe/2021SpringGroup8/issues/86</a> </li> </ul>

	<p><a href="https://github.com/bounswe/2021SpringGroup8/issues/83">https://github.com/bounswe/2021SpringGroup8/issues/83</a></p> <p><a href="https://github.com/bounswe/2021SpringGroup8/issues/81">https://github.com/bounswe/2021SpringGroup8/issues/81</a></p> <p><a href="https://github.com/bounswe/2021SpringGroup8/issues/115">https://github.com/bounswe/2021SpringGroup8/issues/115</a></p> <ul style="list-style-type: none"> <li>- Updated personal wiki page weekly</li> <li>- Deployment process and pipeline extensively discussed with teammates during the fifth meeting.</li> </ul> <p><a href="https://github.com/bounswe/2021SpringGroup8/wiki/Meeting-%235-(08.11.2021)">https://github.com/bounswe/2021SpringGroup8/wiki/Meeting-%235-(08.11.2021)</a></p>
Mustafa Can Aydin	<ul style="list-style-type: none"> <li>- Contributed to the allocation of the tasks during each team meeting as the communicator of the team.</li> <li>- Attended all of the team meetings</li> <li>- Has written all of the meeting notes for the team.</li> <li>- Updated my personal wiki page.</li> <li>- Updated functional system requirements.</li> <li>- Reviewed functional user requirements wiki page</li> <li>- Updated mockup page with a new mock up of community page for web application. Link to it <a href="https://github.com/bounswe/2021SpringGroup8/wiki/community-page-for-web">https://github.com/bounswe/2021SpringGroup8/wiki/community-page-for-web</a></li> <li>- Reviewed main feed mock up for the web application <a href="https://github.com/bounswe/2021SpringGroup8/issues/85">https://github.com/bounswe/2021SpringGroup8/issues/85</a></li> <li>- Created issues for the tasks of group members and assigned them.</li> <li>- Labeled most of the issues according to their content.</li> <li>- Studied react to use in frontend development. Gave my feedback about important points to my teammates. <a href="https://github.com/bounswe/2021SpringGroup8/issues/89">https://github.com/bounswe/2021SpringGroup8/issues/89</a></li> <li>- Reviewed functional user requirements' update. <a href="https://github.com/bounswe/2021SpringGroup8/issues/79">https://github.com/bounswe/2021SpringGroup8/issues/79</a></li> <li>- Reviewed non functional requirements' update <a href="https://github.com/bounswe/2021SpringGroup8/issues/90">https://github.com/bounswe/2021SpringGroup8/issues/90</a></li> <li>- Contributed to the decision for name of the application. <a href="https://github.com/bounswe/2021SpringGroup8/issues/100">https://github.com/bounswe/2021SpringGroup8/issues/100</a></li> <li>- Implemented community page for the frontend <a href="https://github.com/bounswe/2021SpringGroup8/issues/101">https://github.com/bounswe/2021SpringGroup8/issues/101</a></li> <li>- Gave my feedback about commits of my teammates and branch naming conventions. <a href="https://github.com/bounswe/2021SpringGroup8/issues/103">https://github.com/bounswe/2021SpringGroup8/issues/103</a>, <a href="https://github.com/bounswe/2021SpringGroup8/issues/102">https://github.com/bounswe/2021SpringGroup8/issues/102</a></li> <li>- Gave feedback about backend's login and sign up apis <a href="https://github.com/bounswe/2021SpringGroup8/issues/104">https://github.com/bounswe/2021SpringGroup8/issues/104</a></li> </ul>

- I did review the home feed page's implementation by Emre Demir for the frontend and did give my feedback  
<https://github.com/bounswe/2021SpringGroup8/issues/106>
- Resolved the conflicts and merged the frontend branches of Home Page, Community Page, and Sign up and login page with Emre Demir in a meeting.  
<https://github.com/bounswe/2021SpringGroup8/issues/107>
- Created a Dockerfile for the deployment of the frontend and wrote necessary instructions for other teammates to dockerize the application in their local machine and check the code. Related pull request :  
<https://github.com/bounswe/2021SpringGroup8/pull/105> , and commit f8e6a3c2062f6c974a1b4e49928738693a9f8484
- Deployment process and pipeline extensively discussed with teammates during the fifth meeting.  
[https://github.com/bounswe/2021SpringGroup8/wiki/Meeting-%235-\(08.11.2021\)](https://github.com/bounswe/2021SpringGroup8/wiki/Meeting-%235-(08.11.2021))
- Did reviewed the frontend code for home feed page's frontend implementation. Did gave my feedback in related issues and pull request : <https://github.com/bounswe/2021SpringGroup8/issues/107>,  
<https://github.com/bounswe/2021SpringGroup8/issues/106>,  
<https://github.com/bounswe/2021SpringGroup8/pull/108>
- Did resolved the conflicts about packages that we use in frontend page with Emre Demir. We resolved the conflicts and rewrote the code accordingly and push the changes to master branch. Related commit :  
<https://github.com/bounswe/2021SpringGroup8/commit/85530d1e834911b48617edc7dd4e9d5f433938f7>
- Did review the mobile improvements and implementations for login and sign up page. Gave my feedback about improvements and questions in a related issue :  
<https://github.com/bounswe/2021SpringGroup8/issues/96>
- Did improve the backend code in these commits  
[b4cb76562ca39f50fd1fa98842bbe00f761a432f](https://github.com/bounswe/2021SpringGroup8/commit/b4cb76562ca39f50fd1fa98842bbe00f761a432f),  
[8343f2ce0542f08dc77e867e3b2992b89c0a01cd](https://github.com/bounswe/2021SpringGroup8/commit/8343f2ce0542f08dc77e867e3b2992b89c0a01cd) .
- Did review Emre Demir's changes to fix the home page's style. Related commit can be found :  
<https://github.com/bounswe/2021SpringGroup8/commit/8f227c1488fd3039e1ba8248b9b82062bffef3c4>
- Did implement the sign up and login page's axios post request functionalities. After the implementation when the users click on sign up

	<p>and login buttons it will send post requests to backend with the help of axios send direct the user to his/her profile page. Related <a href="#">issue</a> and <a href="#">commit</a> : <a href="https://github.com/bounswe/2021SpringGroup8/issues/115">https://github.com/bounswe/2021SpringGroup8/issues/115</a> , <a href="https://github.com/bounswe/2021SpringGroup8/commit/a6dc224964dfd4c593a12ba9e8f17fadbd8cf6bf">https://github.com/bounswe/2021SpringGroup8/commit/a6dc224964dfd4c593a12ba9e8f17fadbd8cf6bf</a></p> <ul style="list-style-type: none"> <li>- Did implement a welcome page for frontend. Related <a href="#">issue</a> and <a href="#">commit</a> : <a href="https://github.com/bounswe/2021SpringGroup8/issues/115">https://github.com/bounswe/2021SpringGroup8/issues/115</a> , <a href="https://github.com/bounswe/2021SpringGroup8/commit/a6dc224964dfd4c593a12ba9e8f17fadbd8cf6bf">https://github.com/bounswe/2021SpringGroup8/commit/a6dc224964dfd4c593a12ba9e8f17fadbd8cf6bf</a> .</li> <li>- Did implement navigation bar for frontend. Related <a href="#">issue</a> and <a href="#">commit</a> : <a href="https://github.com/bounswe/2021SpringGroup8/issues/115">https://github.com/bounswe/2021SpringGroup8/issues/115</a> , <a href="https://github.com/bounswe/2021SpringGroup8/commit/a6dc224964dfd4c593a12ba9e8f17fadbd8cf6bf">https://github.com/bounswe/2021SpringGroup8/commit/a6dc224964dfd4c593a12ba9e8f17fadbd8cf6bf</a></li> <li>- Created login page using react and committed my code for the review of the frontend team. Reviewed the code of the frontend teammate Emre Demir which included the sign up page for the application. <a href="https://github.com/bounswe/2021SpringGroup8/issues/95">https://github.com/bounswe/2021SpringGroup8/issues/95</a></li> <li>- Did review the backend code and found out collision of markdown files with the same names in non-case sensitive OS. So I did change the names appropriately. Related <a href="#">commit1</a>, <a href="#">commit2</a>, <a href="#">commit3</a> here : <a href="https://github.com/bounswe/2021SpringGroup8/commit/59403bd683e4578641e5c18954a9bb74e1b10f98">https://github.com/bounswe/2021SpringGroup8/commit/59403bd683e4578641e5c18954a9bb74e1b10f98</a> , <a href="https://github.com/bounswe/2021SpringGroup8/commit/c1d2361cb01c0e74e025a82c0044b075ed63d11a">https://github.com/bounswe/2021SpringGroup8/commit/c1d2361cb01c0e74e025a82c0044b075ed63d11a</a> , <a href="https://github.com/bounswe/2021SpringGroup8/commit/bd0d90b3283e88e4bcef827aea58aae222ba15cd">https://github.com/bounswe/2021SpringGroup8/commit/bd0d90b3283e88e4bcef827aea58aae222ba15cd</a></li> <li>- I did inform my teammates about the need for discussion related to deployments options and responsibilities. Related <a href="#">issue</a> can be found here : <a href="https://github.com/bounswe/2021SpringGroup8/issues/112">https://github.com/bounswe/2021SpringGroup8/issues/112</a></li> <li>- Reviewed the mobile team's first apk draft during the seventh meeting (15.11.2021) with Muhammed Cavus and merged the pull request : <a href="https://github.com/bounswe/2021SpringGroup8/pull/116">https://github.com/bounswe/2021SpringGroup8/pull/116</a></li> <li>- Contributed to following parts of this milestone Executive Summary, list and status of deliverables, evaluation of the status of deliverables and its impact on project plan, evaluation of tools and processes you have used to manage your team project. Updated the RAM plan.</li> </ul>
Mehmet Selahaddin	<ul style="list-style-type: none"> <li>- Attended to all scheduled team meetings</li> <li>- Contributed to the allocation and determination of the tasks</li> </ul>

Şentop	<ul style="list-style-type: none"> <li>- Updated my personal wiki page for each week: <a href="#">Mehmet-Selahaddin-Şentop</a></li> <li>- Reviewed Non-Functional Requirements</li> <li>- Reviewed Scenarios and Mock-Ups and specifically the one that I created: <a href="https://github.com/bounswe/2021SpringGroup8/wiki/Scenario-%231:-Out-of-Context-Content">https://github.com/bounswe/2021SpringGroup8/wiki/Scenario-%231:-Out-of-Context-Content</a></li> <li>- Assigned to the mobile application development team</li> <li>- Started to work on learning Kotlin</li> <li>- Started to work on android application development</li> <li>- Offered a name for our team, which was accepted: CommuniTeam</li> <li>- Worked on the implementation of the Community Home Page, which has not been completed yet</li> <li>- Reviewed the Project Plan after it is completed</li> <li>- Wrote the mobile part for section 2.5 of Milestone I</li> <li>- Opened the following issues: <ul style="list-style-type: none"> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/93">https://github.com/bounswe/2021SpringGroup8/issues/93</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/110">https://github.com/bounswe/2021SpringGroup8/issues/110</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/111">https://github.com/bounswe/2021SpringGroup8/issues/111</a></li> </ul> </li> <li>- Assigned and/or commented in the following issues: <ul style="list-style-type: none"> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/72">https://github.com/bounswe/2021SpringGroup8/issues/72</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/73">https://github.com/bounswe/2021SpringGroup8/issues/73</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/74">https://github.com/bounswe/2021SpringGroup8/issues/74</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/75">https://github.com/bounswe/2021SpringGroup8/issues/75</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/76">https://github.com/bounswe/2021SpringGroup8/issues/76</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/77">https://github.com/bounswe/2021SpringGroup8/issues/77</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/78">https://github.com/bounswe/2021SpringGroup8/issues/78</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/81">https://github.com/bounswe/2021SpringGroup8/issues/81</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/82">https://github.com/bounswe/2021SpringGroup8/issues/82</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/88">https://github.com/bounswe/2021SpringGroup8/issues/88</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/90">https://github.com/bounswe/2021SpringGroup8/issues/90</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/93">https://github.com/bounswe/2021SpringGroup8/issues/93</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/94">https://github.com/bounswe/2021SpringGroup8/issues/94</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/96">https://github.com/bounswe/2021SpringGroup8/issues/96</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/110">https://github.com/bounswe/2021SpringGroup8/issues/110</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/111">https://github.com/bounswe/2021SpringGroup8/issues/111</a></li> <li><a href="https://github.com/bounswe/2021SpringGroup8/issues/112">https://github.com/bounswe/2021SpringGroup8/issues/112</a></li> </ul> </li> </ul>
Mehmet TEMİZEL	<ul style="list-style-type: none"> <li>- Updated my personal wiki page</li> <li>- Attended all of the team meetings</li> </ul>

- Updated non-functional performance requirements.
- Opened issue about performance requirements.  
<https://github.com/bounswe/2021SpringGroup8/issues/90>
- Wrote requirements in deliverables part in the Milestone report
- Added my tasks to RAM.
- Updated readme file.
- Checked and corrected meetings links.
- Reviewed requirements wiki page.
- Researched frontend technology
- Researched about making a navigation bar using react.
- Issues:  
<https://github.com/bounswe/2021SpringGroup8/issues/72>  
<https://github.com/bounswe/2021SpringGroup8/issues/74>  
<https://github.com/bounswe/2021SpringGroup8/issues/75>  
<https://github.com/bounswe/2021SpringGroup8/issues/89>  
<https://github.com/bounswe/2021SpringGroup8/issues/90>  
<https://github.com/bounswe/2021SpringGroup8/issues/95>