



BIM423 – SOFTWARE ENGINEERING
2022-2023 FALL SEMESTER



UniMeet

Group 4

Weekly Report 3 / 31oct-07nov

Members

1. *Radwan Rachid Houssein*
2. *İsmail Bölükbaşı*
3. *Kemal Yağız Özcan*
4. *Emre Can Çakir*
5. *Kadir Koç*
6. *Ayten Ertuş.*

Roles in the project

- *Radwan : Mobile Development.*
- *Emre & Ayten : Frontend Development.*
- *Kemal: UI design/Mobile.*
- *Kadir and Ismail: Backend Development.*

Links

- *Website Link: [UniMeet-Webpage](#)*
- *Repo Link: github.com/RadwanH/UniMeet-Project*

MEETING

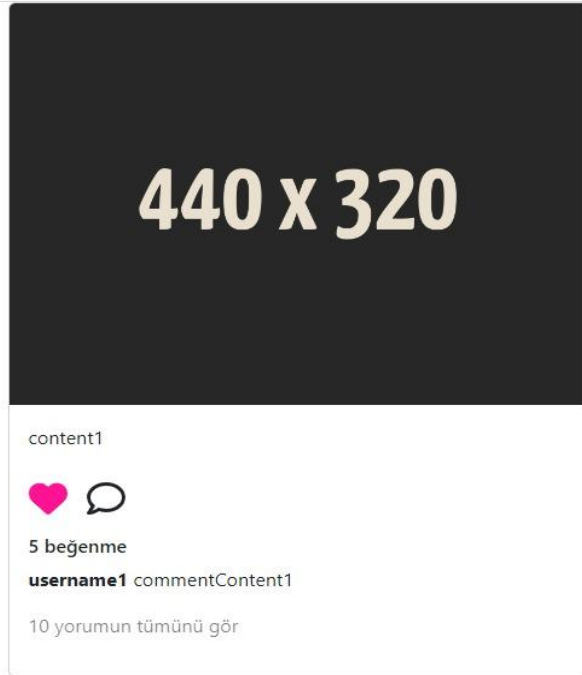
We carried out our regular weekly meeting this week on 06/11/2022 and we have done what can be summarized as follows:

- We edited the database by adding an Image table.
- Also relationships between database entities was discussed.
- We talked about the tasks that have been done on the backend side.
- We talked about the tasks that have been done on the frontend side.
- We talked about the tasks that have been done on the mobile side.

Individual works

- Emre & Ayten :

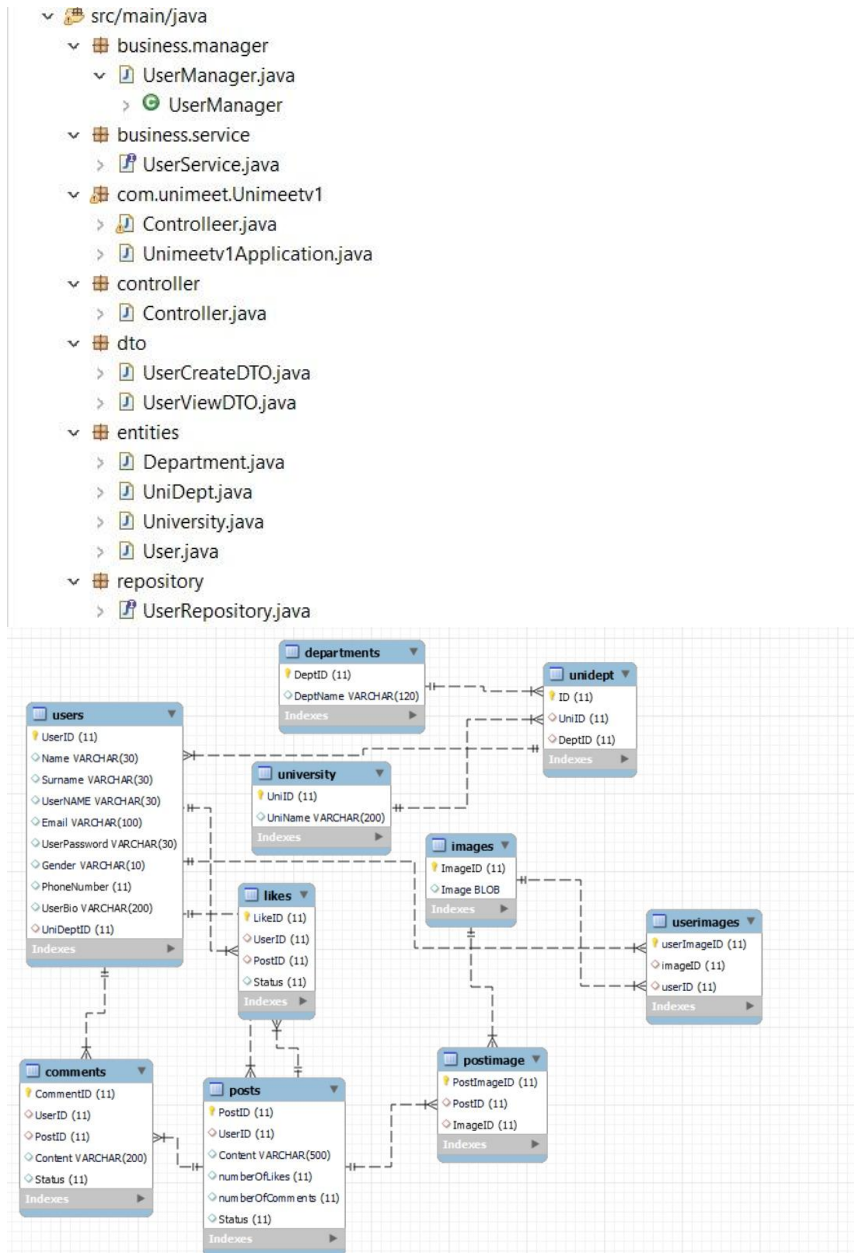
we have created a post page with some dummy data to make an example prototype. For every post, we added a like and comment icons also a count of the comment and likes per each page.



```
posts: any[] = [
  {
    postId: 1,
    image: 'https://fakeimg.pl/440x320/282828/eae0d0/?retina=1',
    user: {
      userId: 1,
      name: 'name1',
      surname: 'surname1',
      username: 'username1',
      email: 'email1',
    },
    content: 'content1',
    numberOfLikes: 5,
    numberOfComments: 10,
    comments: [
      {
        commentId: 1,
        userId: 1,
        username: 'username1',
        postId: 1,
        content: 'commentContent1',
      },
    ],
  },
]
```

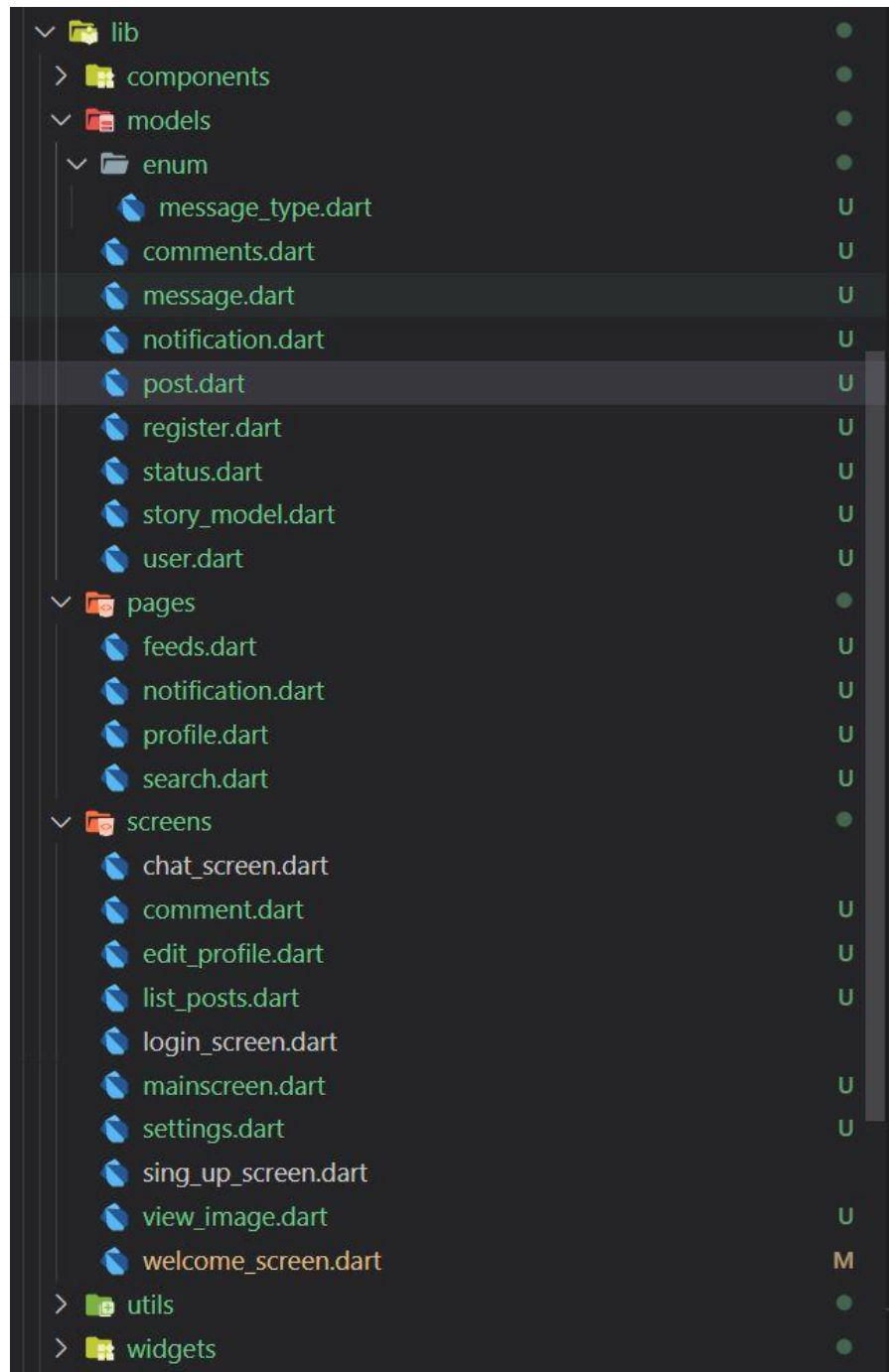
- Kadir and Ismail

Starting the backend side, we have modified the database and added image table for posts and profile photos, we created the packages for entities, DTO, Controller, repository, service and manager.



- **Radwan :**

In this week, apart from preparing the report I learnt some more flutter widgets and dart syntax and I tried to apply them creating an initial post page which I'm planning to improve with time.



```

posts: any[] = [
  {
    postId: 1,
    image: 'https://fakeimg.pl/440x320/282828/dae0d0/?retina=1',
    user: {
      userId: 1,
      name: 'name1',
      surname: 'surname1',
      username: 'username1',
      email: 'email1',
    },
    content: 'content1',
    numberOfLikes: 5,
    numberOfComments: 10,
    comments: [
      {
        commentId: 1,
        userId: 1,
        username: 'username1',
        postId: 1,
        content: 'commentContent1',
      },
    ],
  },
]

```

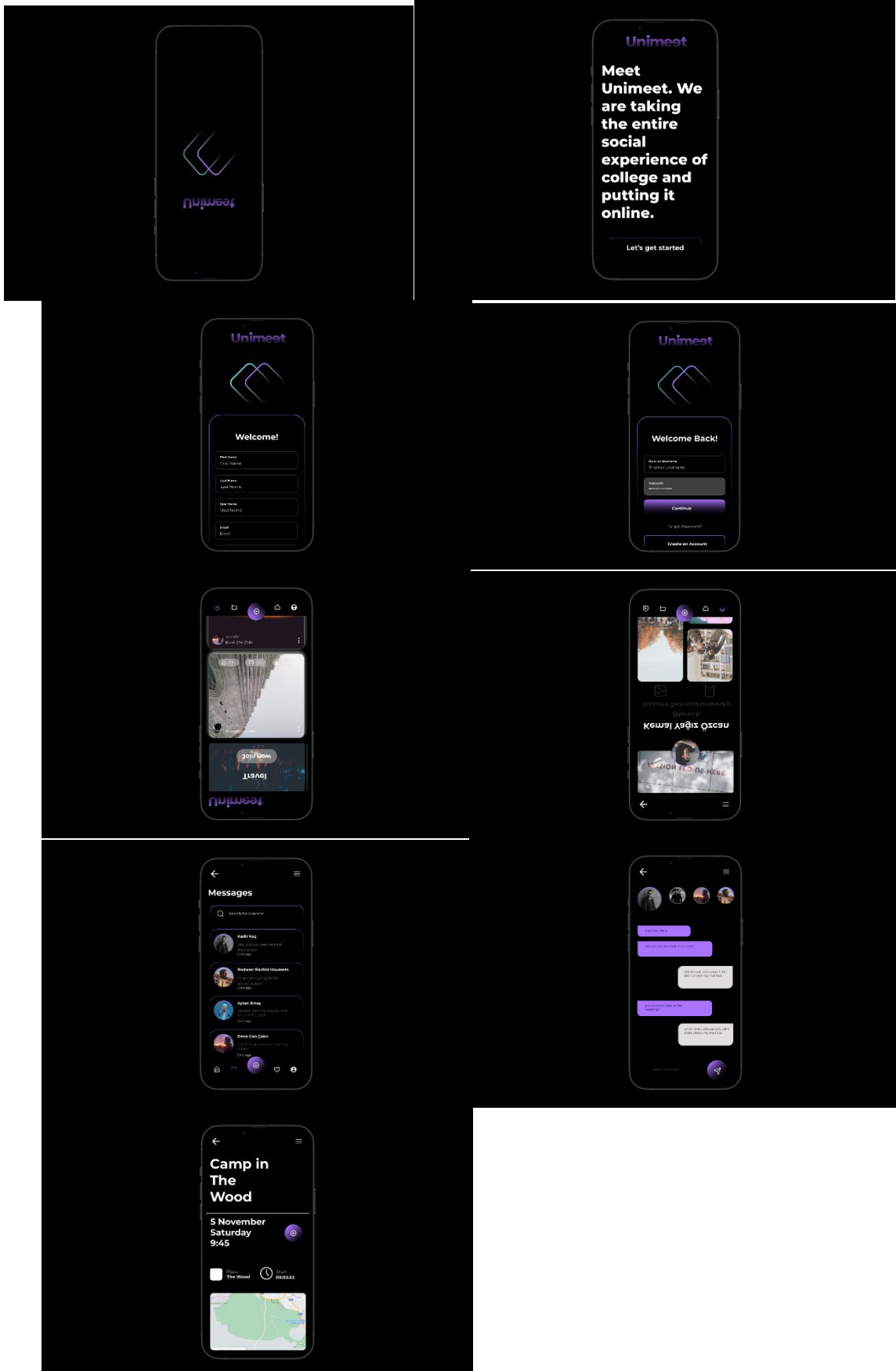
```

1 //import 'package:cloud_firestore/cloud_firestore.dart';
2
3 class PostModel {
4   String? id;
5   String? postId;
6   String? ownerId;
7   String? username;
8   String? location;
9   String? description;
10  String? mediaUrl;
11  // Timestamp? timestamp;
12
13  PostModel({
14    this.id,
15    this.postId,
16    this.ownerId,
17    this.location,
18    this.description,
19    this.mediaUrl,
20    this.username,
21    //this.timestamp,
22  });
23  PostModel.fromJson(Map<String, dynamic> json) {
24    id = json['id'];
25    postId = json['postId'];
26    ownerId = json['ownerId'];
27    location = json['location'];
28    username = json['username'];
29    description = json['description'];
30    mediaUrl = json['mediaUrl'];
31    //timestamp = json['timestamp'];
32  }
33
34  Map<String, dynamic> toJson() {
35    final Map<String, dynamic> data = new Map<String, dynamic>();
36    data['id'] = this.id;
37    data['postId'] = this.postId;
38    data['ownerId'] = this.ownerId;
39    data['location'] = this.location;
40    data['description'] = this.description;
41    data['mediaUrl'] = this.mediaUrl;
42
43    //data['timestamp'] = this.timestamp;
44    data['username'] = this.username;
45    return data;
46  }
47 }
48

```

- **Kemal:**

In this week I've proceed in the design part I implemented a dark mode on our design. See the design on action from [HERE](#)



Plans for the Following Week

In the following week we'll take the next steps and work on number of improvements including (but not exclusively):

- We will improve frontend designs for both web and mobile
- Backend and database will be improved.
- Some other decisions will be made in regard of the technologies used in this project to manage the time we have to finish this project as discussed in today's meeting.