

**CS102**

**Fall 2023/24**

Instructor:

**Instructors Name**

Project  
Group

Assistant:

**Assistant's Name**

**1C**

Criteria	TA/Grade r	Instr uct or
Presentation		
Overall		

## Bilkent Connect

Sensin

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### **UI Design Report**

**( version 2.0)**

**10 November 2023**

## 1. Introduction

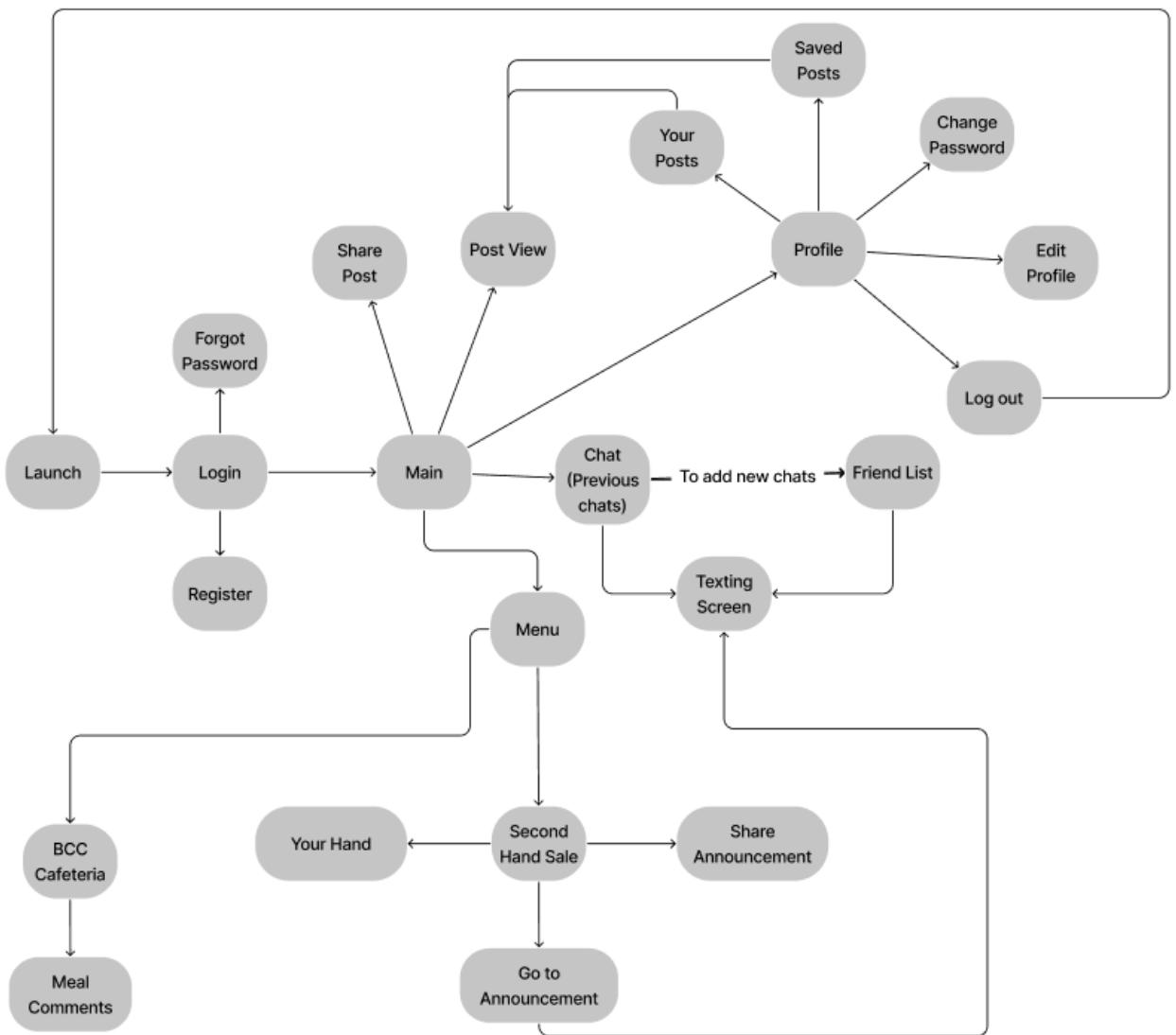
Graphical User Interfaces (GUI) play a pivotal role in shaping user interactions with applications, significantly influencing their overall experience. This is especially true for socializing apps, where user satisfaction and success hinge on intuitive design and seamless navigation. In the case of Bilkent Connect, a unique socialization platform catering to diverse needs within a unified interface, the GUI demands meticulous attention. The challenge lies in creating an environment where users can effortlessly engage with various features without losing their way in the intricacies of the application. User-friendliness, cohesion, free thoughts (by anonymity), clarity, and time efficiency stand out as paramount considerations to ensure that all Bilkent students derive maximum benefit from Bilkent Connect. Each user should find the interface conducive to sharing posts, expressing thoughts, and commenting on meal experiences without encountering unnecessary complexities and restrictions.

The application must uninterrupted facilitate direct communication while offering a reliable platform for showcasing images of second-hand products. This entails not only enabling users to share images but also providing a structured space for written comments, transparent pricing details for second-hand tools, and other relevant information. Moreover, Bilkent Connect necessitates a well-designed search interface to meet user expectations when seeking specific content. The success of the application relies on a thoughtful approach to design that transcends mere functionality, providing an inclusive and engaging experience for all users within the Bilkent community. In this report, we delve into the intricacies of the Bilkent Connect GUI, analyzing its components, functionalities, and overall design philosophy to ensure a seamless and enriching user experience.

In essence, the success of Bilkent Connect as a socializing Android application will predominantly rely on the particular attention given to user experience and interface design. The application should address users' individual needs and preferences, smoothly guiding them through the process of sharing their ideas, pictures, second-hand items, and comments. By adopting a user-centered approach to UI design, the Bilkent Connect app can deliver a smooth and enjoyable socializing experience, nurturing engagement and fostering the feeling of socializing.

## 2.Details

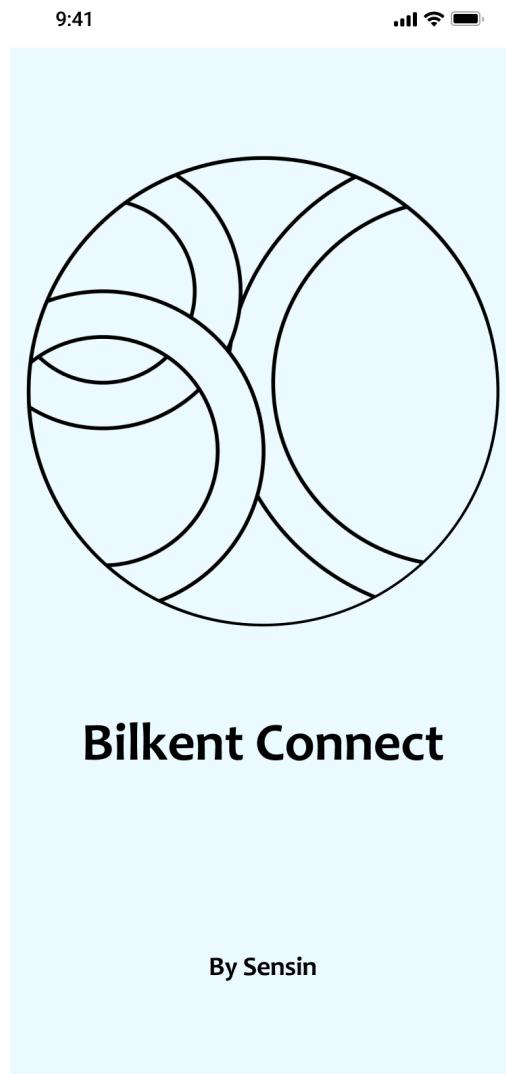
### 2.1.Sitemap



## 2.2. Entrance Pages

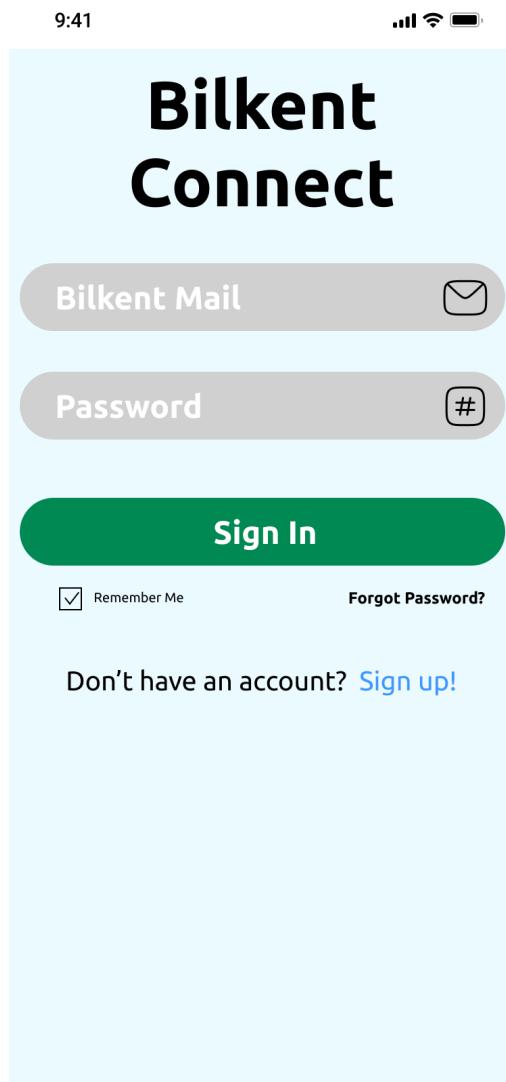
These pages are generally needed to check whether the user is logged in or not. If the user is logged in, they are responsible for sending it to the Main Activity. If not, they can log in, register, or change their password through these pages. Except for the launch page, the other pages will not be visible unless a logged in user logs out.

### 2.2.1. Launch Page



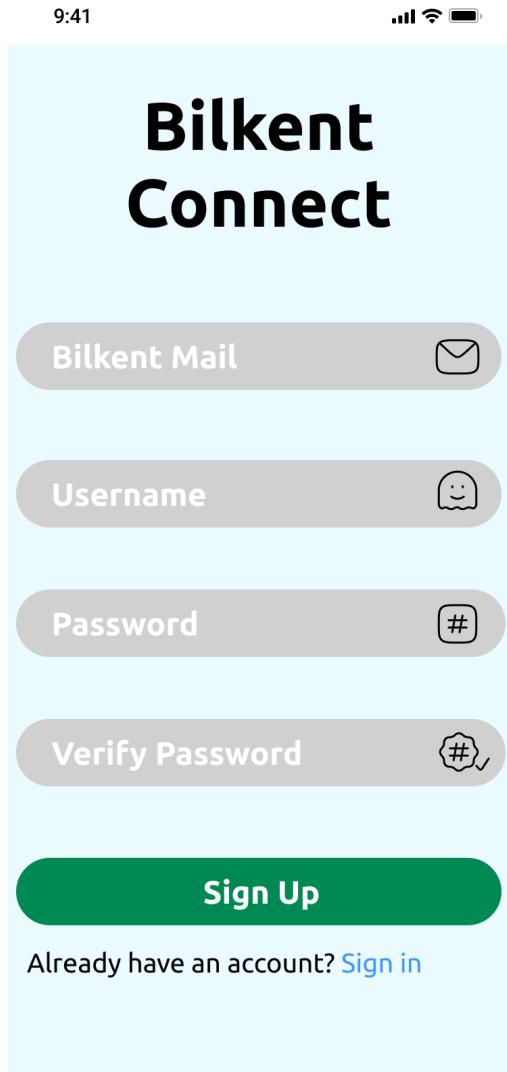
The launch page of the application will be the page that appears when the user first enters the application. On this page, the user will see a transition effect and not get bored while waiting for the application to open. However, the application will perform some functions in the background. These functions are to verify whether the user is logged in if they have an active account. If the user is already logged in, it will redirect the user to the main page, if the user is not logged in, it will redirect the user to the necessary pages to log in or register.

## 2.2.2. Sign In Page



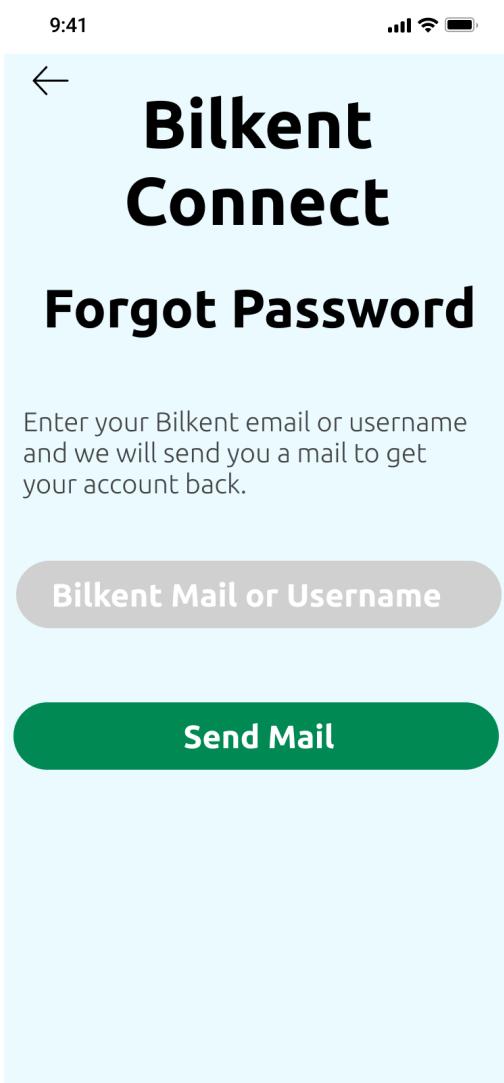
This page will ask the user to enter their e-mail address and password. If the user is not already signed up, there is a button to click to go to the Sign Up Page. If the user has already logged in, the user can go to the Main Page by entering the password and e-mail correctly on this page. If the password is incorrect or forgotten, the user can click the forget password button to go to the Reset Password Page. With the "remember me" button, you can choose to be directed to the main page of the application without the need to log in again the next time.

### 2.2.3. Sign Up Page



On the Registration page, the user will be prompted to provide their full name, email address, and a strong password. Additionally, the user should enter the password again for verification. Upon submission of a valid combination of credentials (i.e., a valid email and a sufficiently strong password), the system will create an account using the provided information, and the user will be directed to the login page. In the future, we may add mail verification.

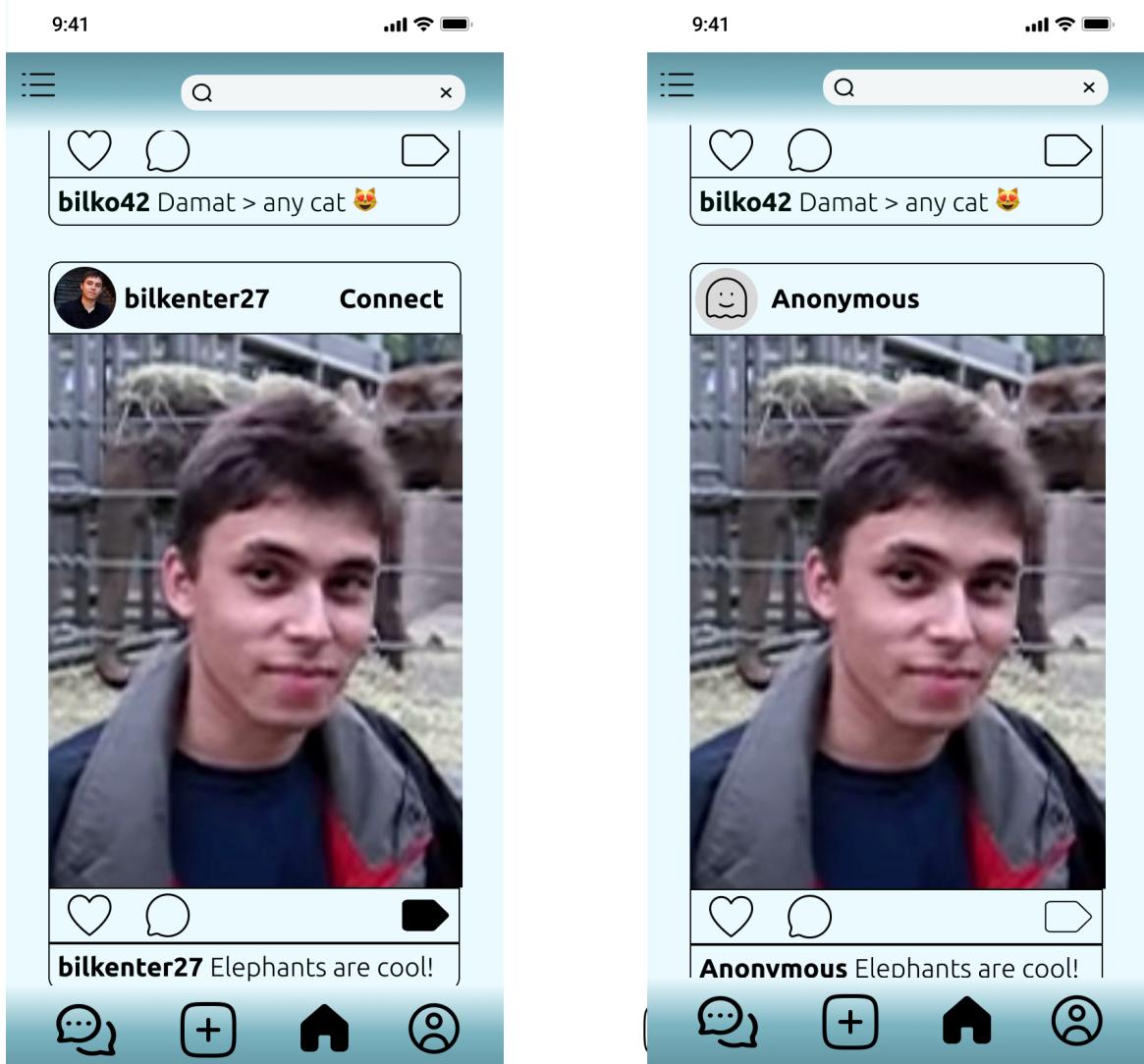
## 2.2.4. Reset Password Page



When the Forgot Your Password option is selected, the system will redirect the user to the Reset Password Page. The user will enter his/her e-mail address or username on this page. If the user clicks the Send Email button, the system will automatically send a password reset e-mail to the e-mail account. The user will be able to change his password with the password reset link that comes to the e-mail.

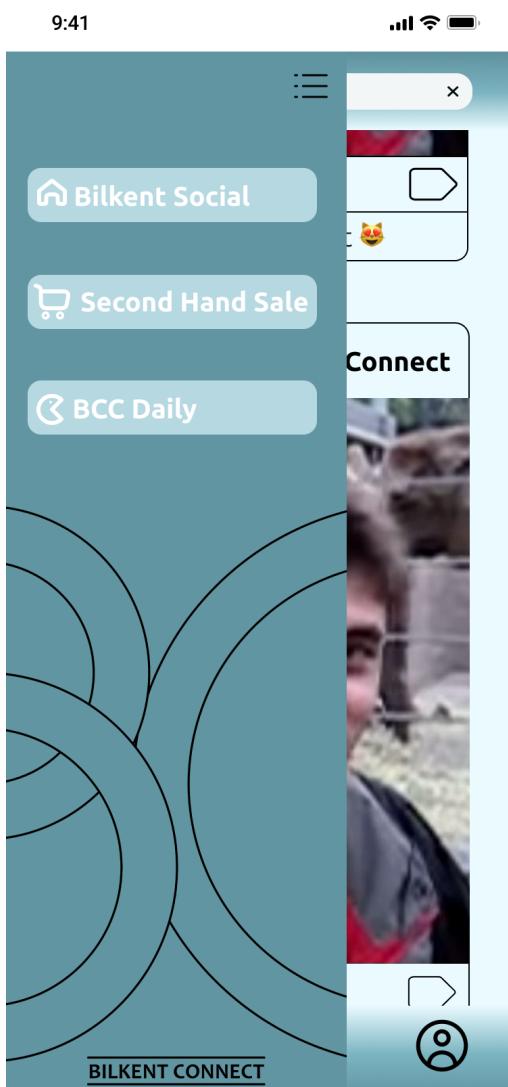
## 2.3.Main Screen and Share Pages

### 2.3.1. Main Page



The main page is the page that users will see when they log in. The primary purpose of this page is to view what other people posted by scrolling the page. There is a hamburger icon that opens a menu page. If users want to find a post by keywords, they can use the search bar at the top of the page. Additionally, users can interact with the post by using several buttons. When users click on the "Connect" button, they send a connection invitation to the owner of the post. Users can click on the heart-shaped like button to like a post. Users are also able to comment and see other comments by clicking on the comment button. Users can click on the save button if they want to save a post. In addition to post interactions, there is a bar at the bottom for different functions. On the bottom bar, firstly, users can click on the message button to go to the direct messages page. Secondly, a share post button directs users to the Share Post Page. Thirdly, there is a home button to go to the main page. This button does not do anything on this page since the user is already on the main page. Fourthly, there is a profile button that directs the user to the Profile Page.

### 2.3.2. Menu View



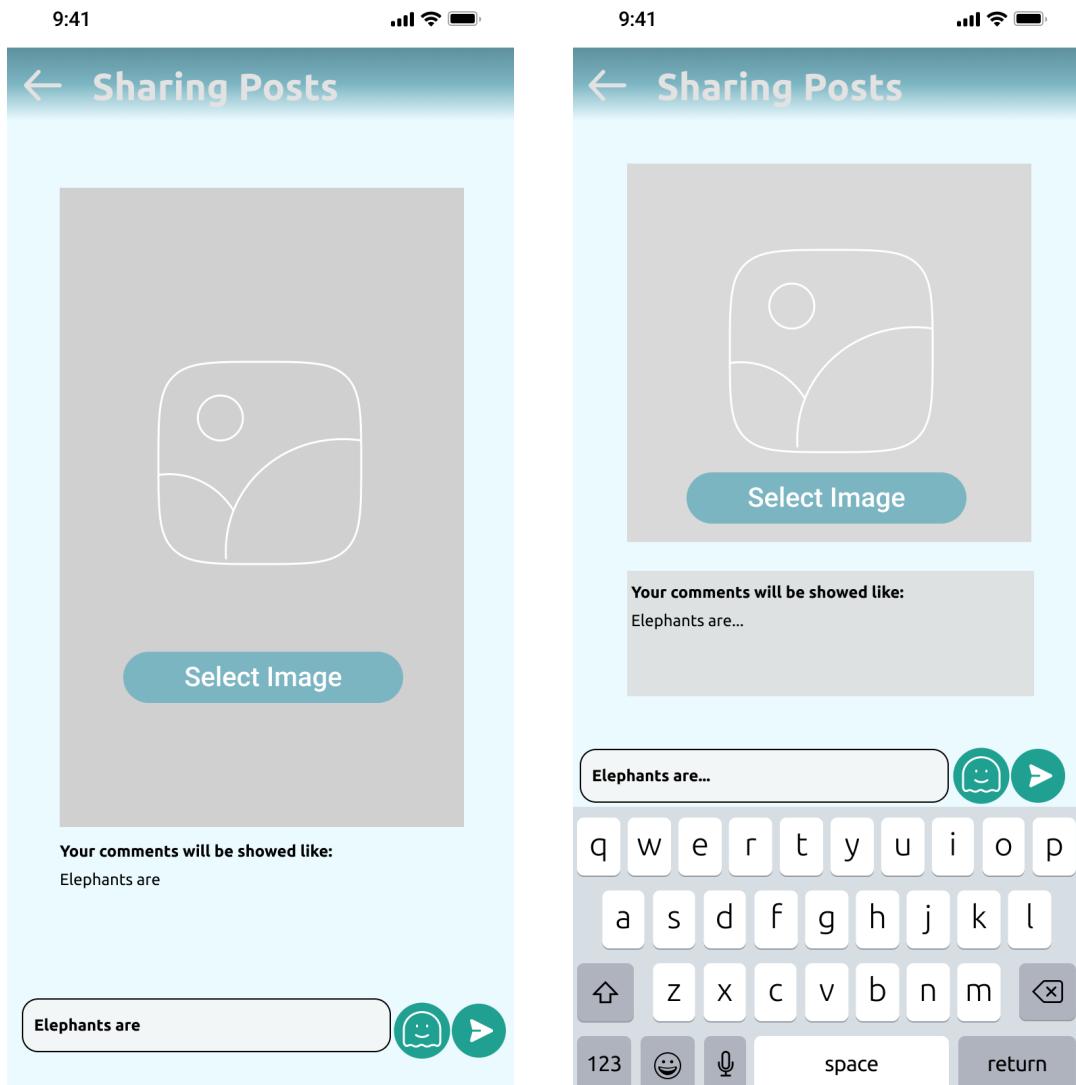
On the menu view, there is a big logo of Bilkent Connect at the bottom, and users have three option buttons to choose between. They can select the Bilkent Social button in order to be directed to the main page. Additionally, they can click on the Second Hand Sale button in order to be directed to the Second Hand Sale page. Lastly, they can click on the BCC Comment button to be directed to the BCC Comment Page.

### 2.3.3. Post View Page



On the post view page, users can comment on the post by typing into the bar and clicking on the send button. Users can also see what other people commented. Additionally, they can use the Connect button in order to send a connection invitation to the owner of the post. Lastly, users can use the backward arrow button in order to go to the previous page.

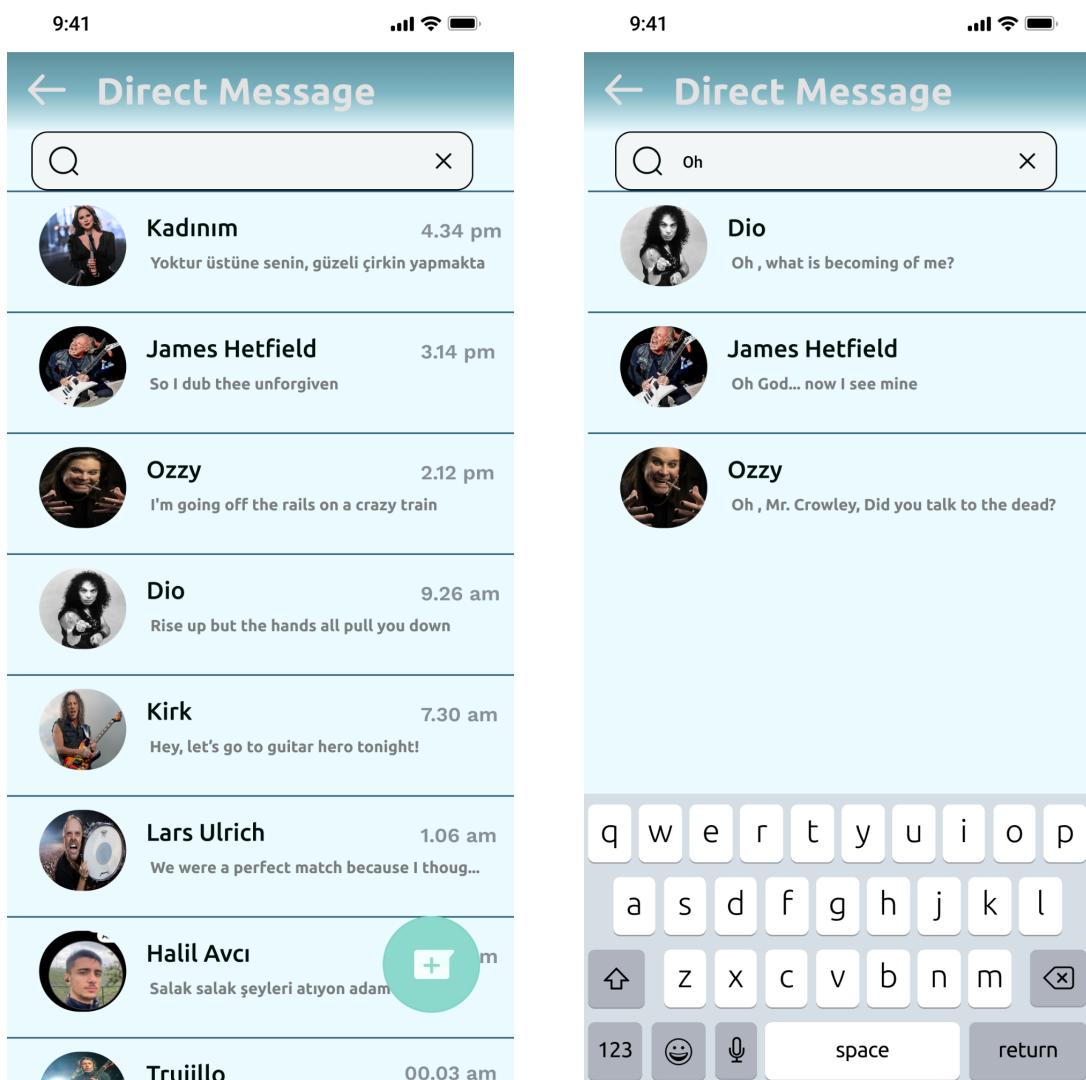
#### 2.3.4. Share Post Page



On the share post page, users can type what they will post on the text bar. If users want to add a photo to their posts, they can click the Select Image button and select the image they will use. Additionally, if users want to share a post anonymously, they can click on the ghost icon so that others would not know who shared that post. Lastly, they can use the backward arrow button in order to go to the previous page.

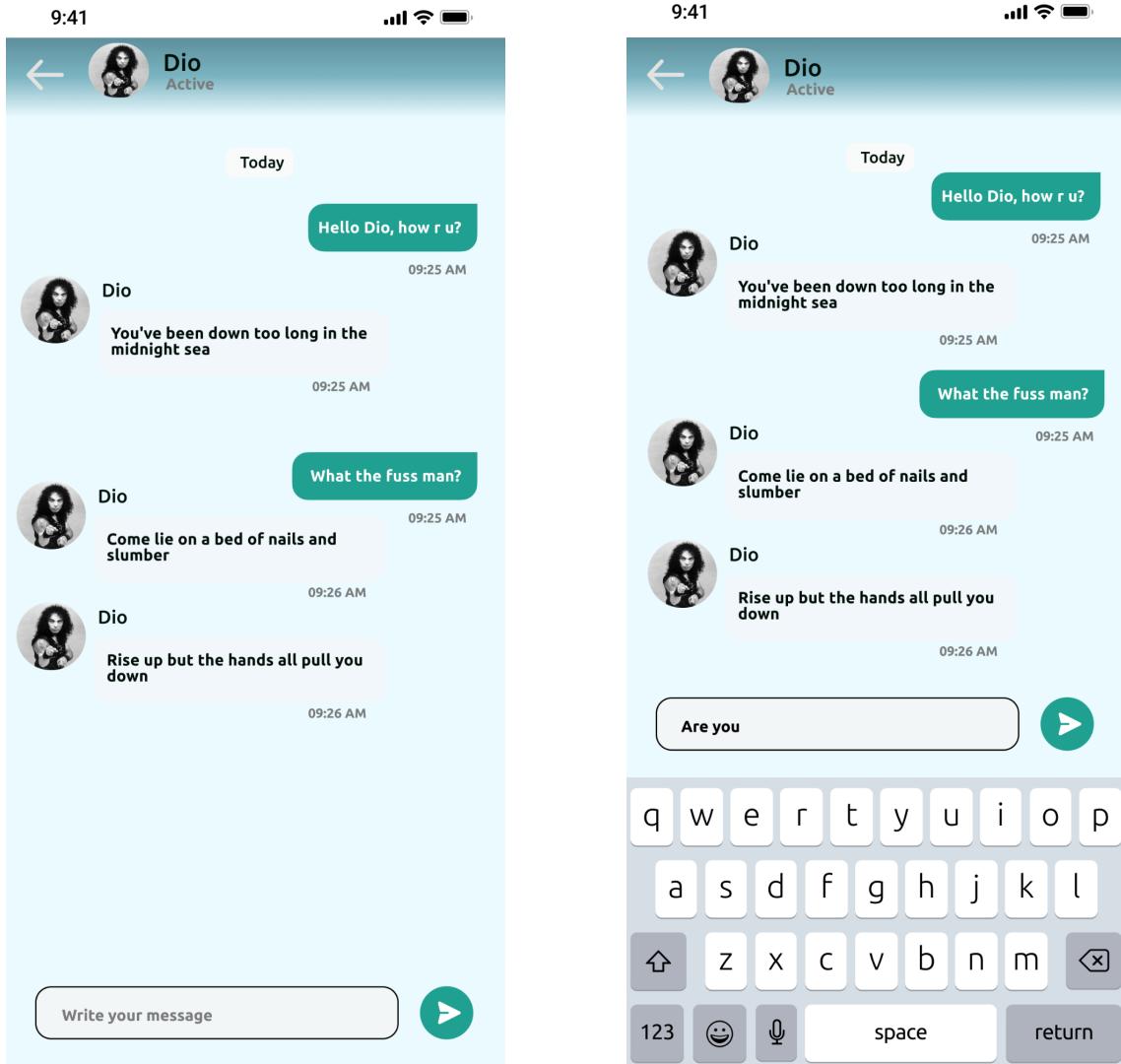
## 2.4.Direct Message Pages

### 2.4.1. Direct Message Page



When you first come to this page, you will see your last conversations. You can access your previous chats by scrolling down, and you can search for messages and names with the search button at the top. You can also access a contact from the contact list by clicking on the new chat button at the bottom right. The difference between this button and the search bar is that you can start a new chat by selecting from a list of people you have contacted but have not previously messaged.

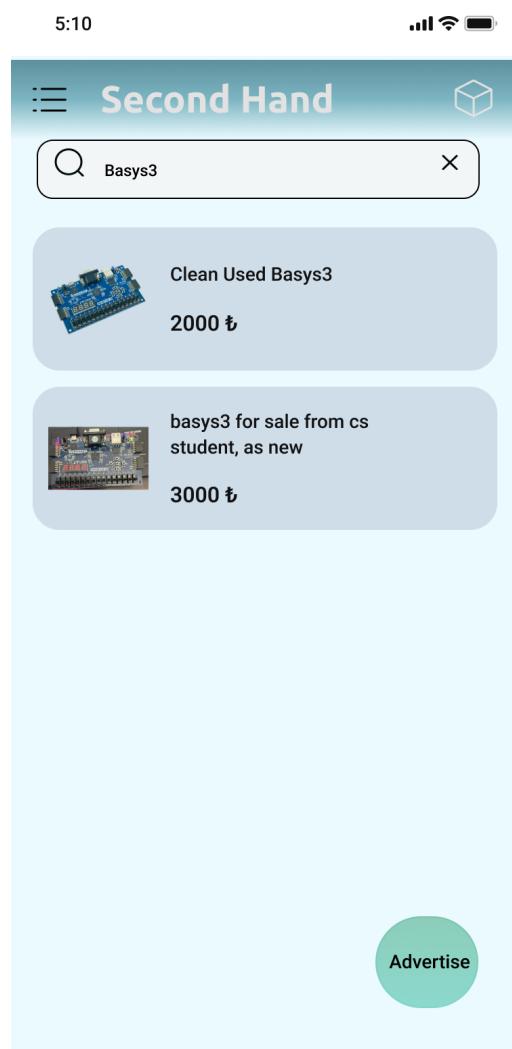
## 2.4.2. Chatting Page



The chatting page has no different features from other chat applications. On this page, you can chat with the person you choose to communicate with.

## 2.5.Second-Hand Trading Pages

### 2.5.1. Second-Hand Sale Page



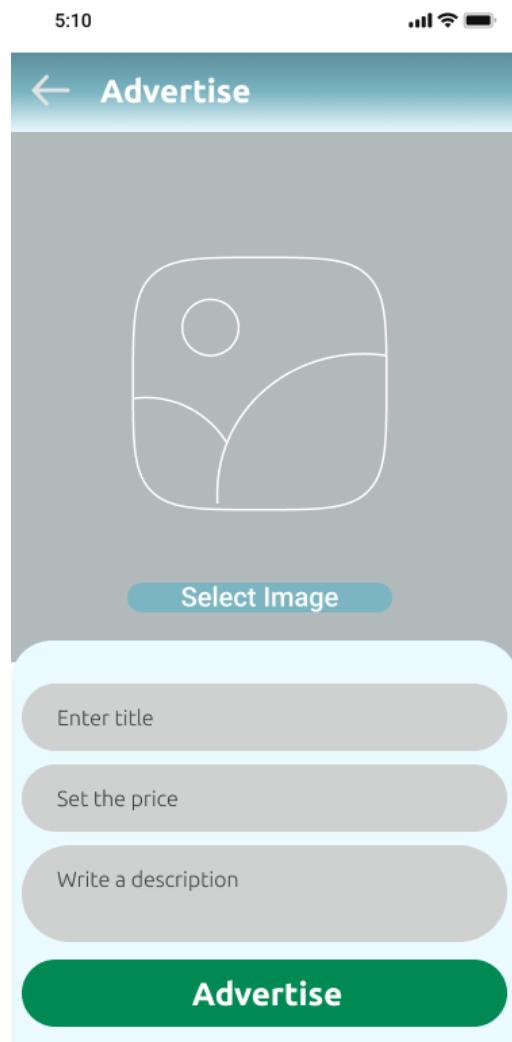
When users first come to this page, they can view the previous advertisements. They can access the products they are looking for by typing the keywords they want in the search bar. They can advertise themselves by clicking on the "Advertise" button on the bottom right, or they can go to Your Hand Page by clicking on the box button on the top right. If the user can find the product he/she wants, he/she can click on the product and go to the Product Details Page, where he/she will find the details of the product.

## 2.5.2. Product Details Page

The image shows a smartphone screen displaying a product details page. At the top, there is a navigation bar with a back arrow and the text "Clean Used Basys3". Below the navigation bar is a large image of a blue electronic module labeled "BASYS3". Underneath the image are five small circular dots, with the first one being solid black and the others being hollow. Below these dots is a price tag of "2000 ₺". To the right of the image is a button labeled "Make Contact". Below the image and button is a section titled "Description" containing placeholder text: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam dictum euismod lacus, non varius dui viverra in. Aliquam nec tincidunt nisi, quis placerat dui. Curabitur vitae malesuada ipsum, efficitur aliquet felis. Integer mattis volutpat aliquam. Aenean volutpat elementum viverra. Donec quis velit nec turpis varius lacinia. Etiam blandit varius ligula, ut lobortis ipsum malesuada id. Aenean faucibus lectus id leo tincidunt ultricies. Cras non sem a nulla tempor congue.".

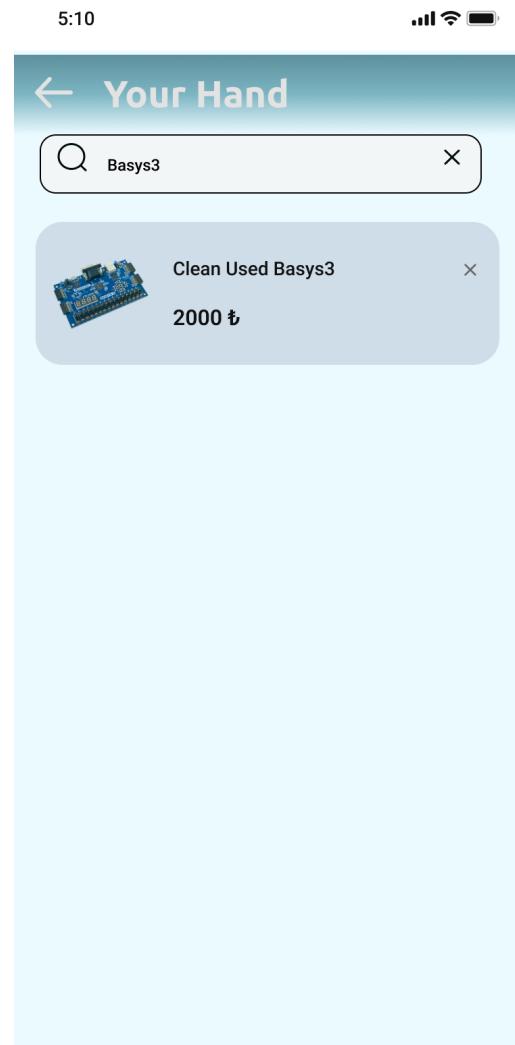
On this page, the user will see the details of the product they have found. In the top bar, they can see the title of the advert, and just below the top bar, they can see the photos of the product. If the photos are more than one, they can also switch to other photos by scrolling sideways. At the bottom of the page, there will be a description of the product made by the seller. The user who wants to buy can find more details about the product here. When the user clicks on the Make Contact Button, the user will be able to chat with the seller. With this button, users can communicate directly with the seller and get more information about the product or negotiate.

### 2.5.3. Sell Product Page



On this page, the user will be able to enter some information about the object they want to sell. By clicking on the Select Image button at the top, the user can upload photos from the gallery that show the object that he/she wants to sell. In the lower part, the user can add a title to the advertisement and choose the price you want to sell. In the description area at the bottom of the page, users will have the opportunity to add a description for those who want more detailed information.

#### 2.5.4. Your Hand Page



If the user has put a product for sale, he/she will be able to see it on this page. If the user has sold these products or has somehow stopped selling them, he/she needs to update it. For this reason, it can prevent the product from appearing in the sales section by clicking the cancel button that appears next to the product.

## 2.6.BCC Daily Pages

### 2.6.1. BCC Daily Page

The screenshot shows a mobile application interface for 'BCC Cafeteria'. At the top, there is a header bar with the time '9:41' and signal strength indicators. Below the header, the title 'BCC Cafeteria' is displayed next to a menu icon. The main content area is divided into two sections: 'Öğle Yemeği / Lunch' and 'Akşam Yemeği / Dinner'.  
**Lunch Menu (Öğle Yemeği / Lunch):**

- Romen Çorba / Roman soup (ground beef and creamy sauce)
- Mantarlı Et Sote / Beef sautéed with mushrooms veya / or Vegan Sebze Kavurma / Braised vegetables (Vegan)
- Zeytinyağlı Brokoli / Broccoli cooked with olive oil
- Sütlaç / Rice pudding

**Information about the meal:**

Enerji (k.cal.) / Energy (Cal.): 1171  
Karbonhidrat / Carbohydrate: %57  
Protein / Protein: %14  
Yağ / Fat: %29

Rate: 4.3/5

  
**Dinner Menu (Akşam Yemeği / Dinner):**

- Sebze Çorba / Vegetable soupEtli Nohut
- Chickpeas with meat veya / or Vegan Nohut /
- Chickpeas(Vegan)Bulgur Pilavi /
- Pounded wheatYoğurt / Yogurt

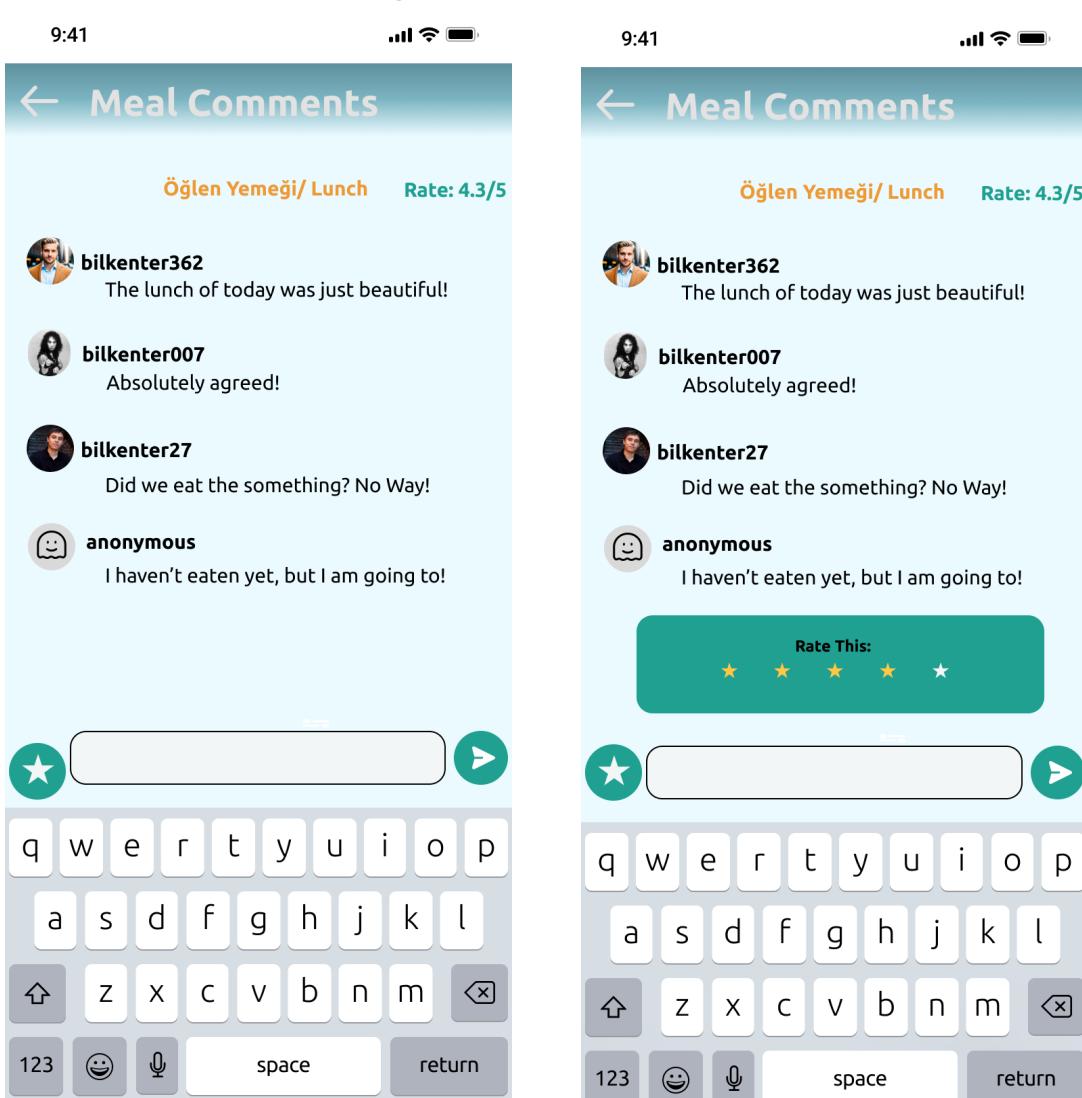
**Information about the meal:**

Enerji (k.cal.) / Energy (Cal.): 988  
Karbonhidrat / Carbohydrate: %54  
Protein / Protein: %14  
Yağ / Fat: %32

Rate: 4.3/5

BCC Daily Page's major purpose is to provide daily cafeteria meal information. There is a comment button near the meal information, and users can click on this button in order to go to the BCC Comment Page. Lastly, they can use the backward arrow button in order to go to the previous page.

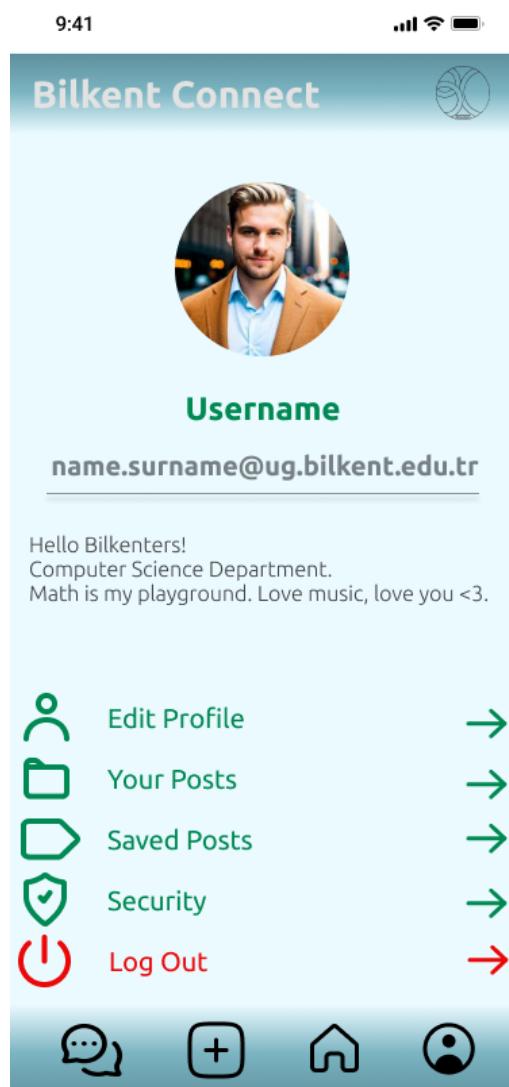
## 2.6.2. BCC Comment Page



The BCC Comment Page's purpose is to leave a comment on the meal. Furthermore, they can use the star button to rate the meal from 1 to 5 stars. The average star rate will be shown on this page. Lastly, they can use the backward arrow button in order to go to the previous page.

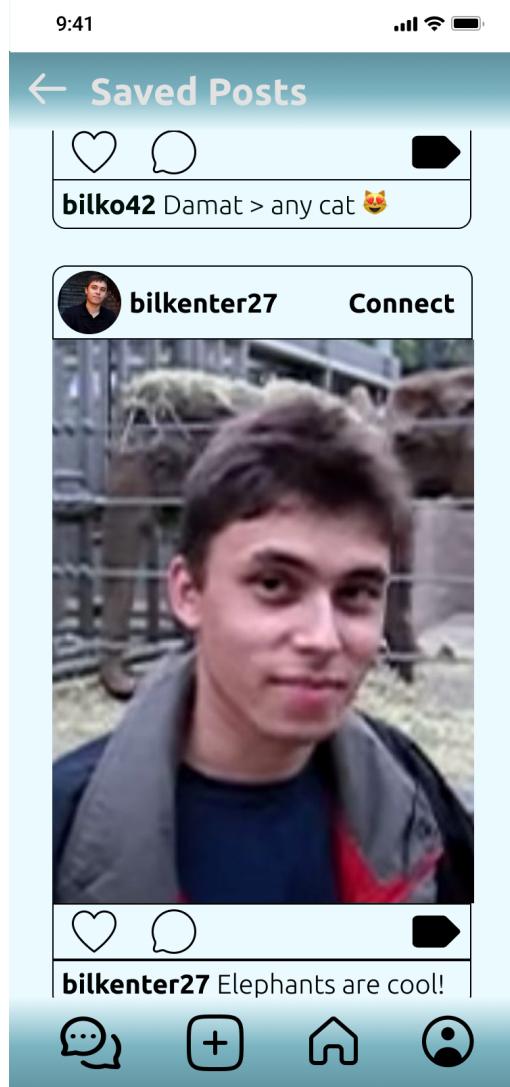
## 2.7.Profile and Settings Pages

### 2.7.1. Profile Page



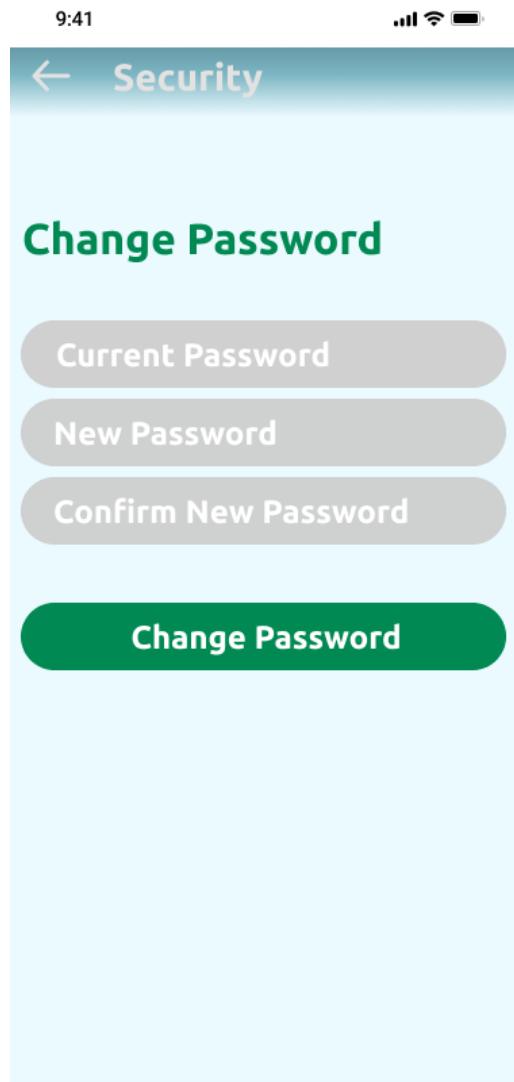
This page allows users to view their account information. Each button on this page directs users to specific sections. If the user clicks "Log Out," they will be signed out of their account and taken back to the Intro Page.

## 2.7.2. Saved Post Page



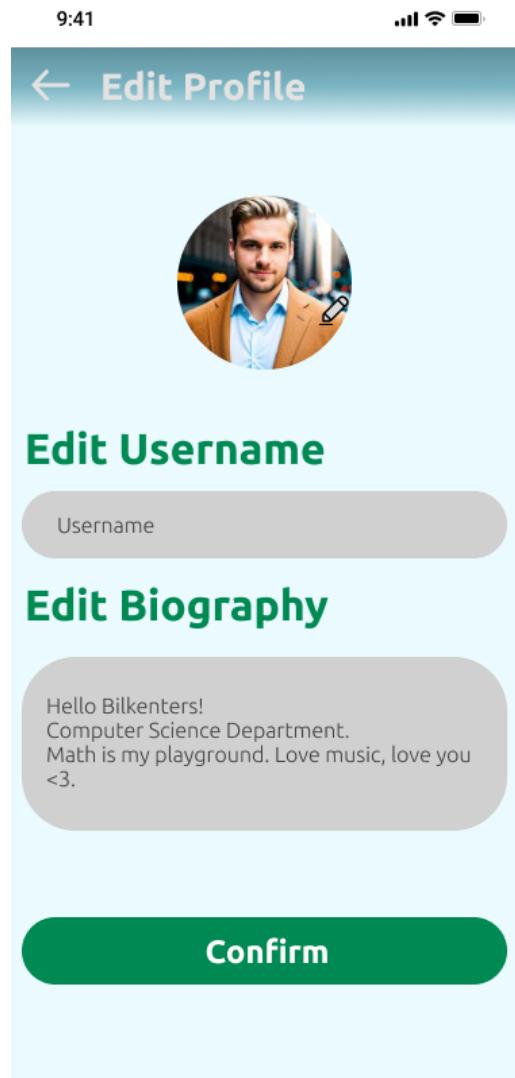
On the Profile Page, users can find the "Saved Posts" button. By clicking on this button, users can access the posts they have saved for later viewing. This feature allows users to revisit posts they find interesting or useful quickly. If users click the "Saved Posts" button, they will be redirected to a page displaying all the posts they have saved, enabling them to manage and interact with their saved content.

### 2.7.3. Change Password Page



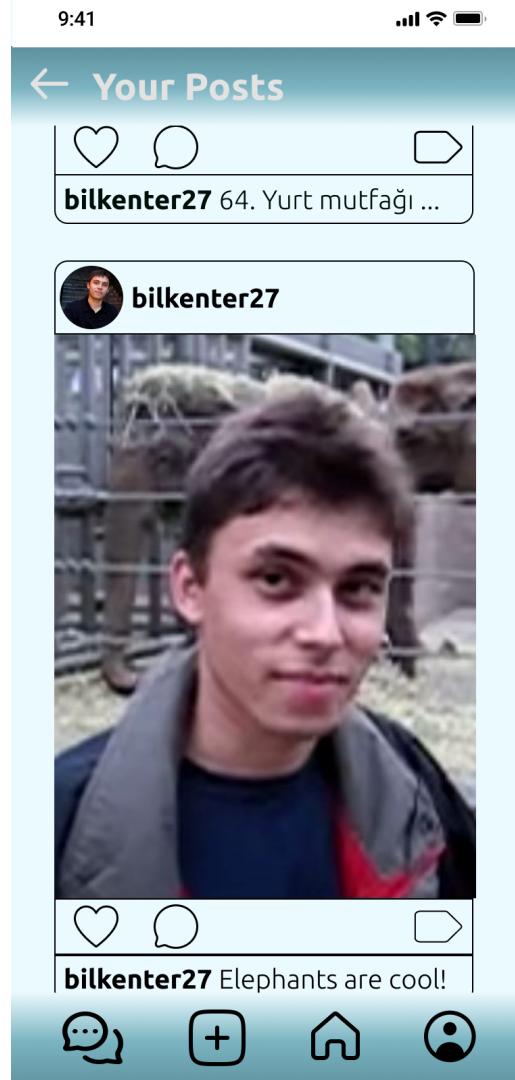
This page allows the user to change their password. After tapping “Change Password”, the user will be redirected to the Profile Page.

#### 2.7.4. Edit Profile Page



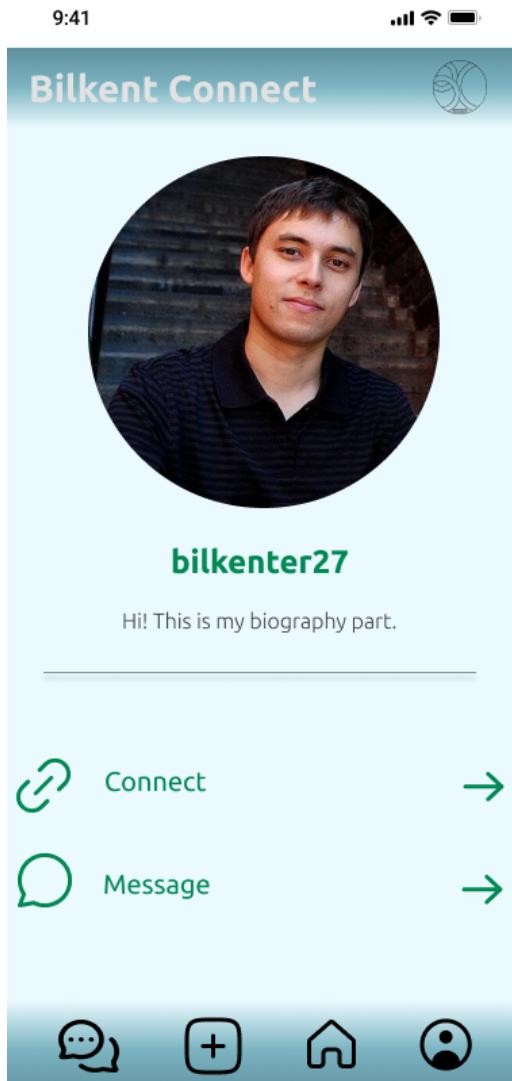
Users can modify their biography, username, or profile pictures on this page. If the information they input is valid and they click "Update Profile," their profile will be changed according to the provided details, and they will be directed to the Profile Page.

## 2.7.5. Your Posts Page



On the Profile Page, users can find the "Your Posts" button. By clicking on this button, users can access the posts they have shared with other users. This feature allows users to revisit and delete posts they share. If users click the "Your Posts" button, they will be redirected to a page displaying all the posts they have shared, enabling them to manage and interact with their shared content.

## 2.7.6. Other Users Profile Page



This page will show other users' profile pages. Since it is another user's page, it has buttons for connecting with this user by clicking on Connect button or messaging with this user by clicking on Message button. There is a big profile photo, username, and biography of this user.

## **Summary & Conclusions**

Bilkent Connect is a social media platform that enables Bilkent students to socialize. It is designed as simple as possible to avoid confusion of multiple features.

Starting from the Launch Page, users can register if they do not have an account. If they do have an account, they can sign in and go to the Main Page, where they can see the sharing flow. Here, they can see the posts of others, or they can go to the BCC Daily or Second Hand Sale pages via the menu. On the BCC Daily, they can see comments about the dishes of that cuisine and express their own opinions. They can place an advert on the second-hand page, see other people's ads, and contact the advertiser.

With the buttons on the bottom bar of the Main Page, they can post new posts, go to the chat screen, or go to their profile page. From the profile page, they can view the posts they have saved or the posts they have made. They can also edit their profile information, change their password, and log out. They can also message people by clicking the chat button.

As a result, Bilkent Connect has been designed with the aim of enabling users to benefit from every feature of the application without confusing them with its carefully prepared user interface. The platform's design choices, based on a simple user interface design and shaped by the motivations discussed above, set it apart from other social media platforms.