

CS102**Fall 2020/21**

Instructor:

Uğur Güdükbay

Assistant:

Sinan SonluProject
Group**1E**

Criteria	TA/Grader	Instructor
Presentation		
Overall		

~ BİİGİT ~

Ucuz Yazılım A.Ş.

Ahmet Emir Boşnak**Atika Zeynep Evmez****Ozan Can Gülbaz****Arda İynem****Zeynep Naz Sevim**

UI Design Report

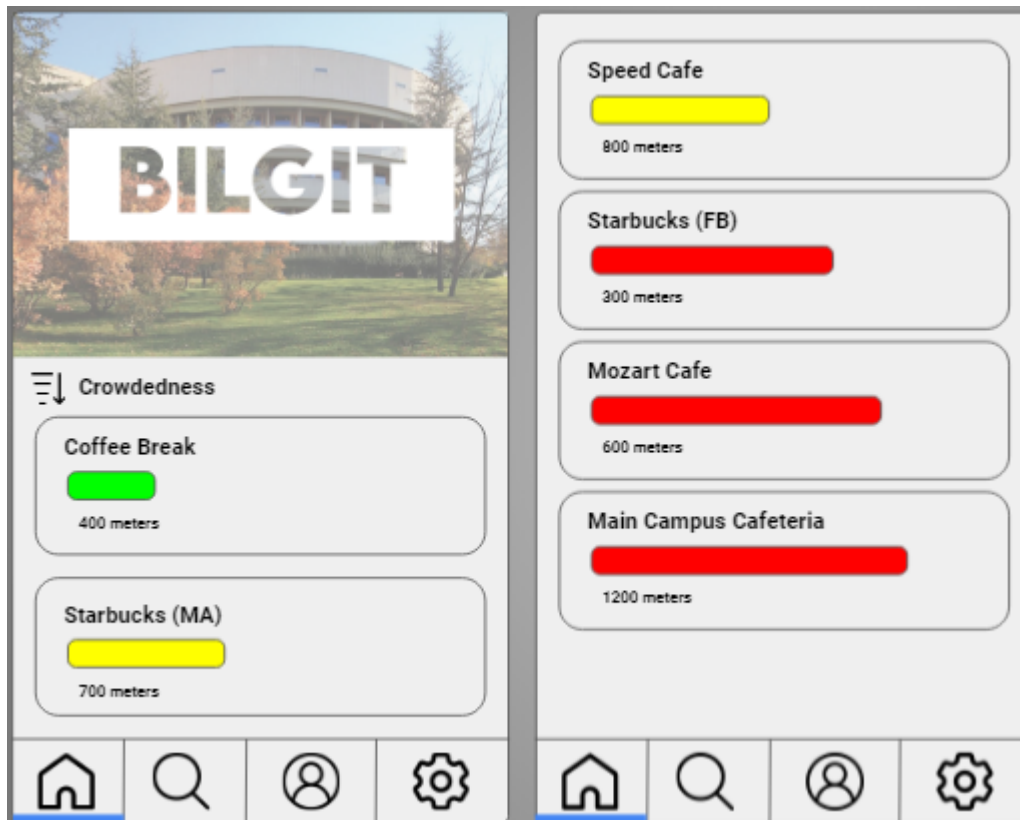
10 November 2021

1. Introduction

We plan to create a modern, sharp looking mobile application with all the features and design you expect from a mobile app. We feature a quick access menu in the bottom for easy navigation, easy-to-understand and use menus and buttons. We feature simple login and signup menus that most users will be familiar with. Users who do not want to register can use the app without a profile, so their location information with registered users. The user and place profile pages will give the necessary information about the people and places. We will feature settings for privacy, notifications, profile management etc. Our notifications will use the template of Android Studio's own notification system. We will update the necessary information according to our app's needs. We also provide how buttons and menus interact with each other in the navigation design section.

2. Details

2.1 Home Page



Home page shows a panel of scrollable boxes which contain the current distance and crowdedness graph of all cafes and restaurants in Bilkent campus. When clicked, these unique boxes will lead the user to the Place Profile of the cafe. Moreover, these boxes can be sorted in terms of alphabetical order, crowdedness, distance and amount of friends that are currently at the cafe in the box.

2.1.1 Bottom Menu

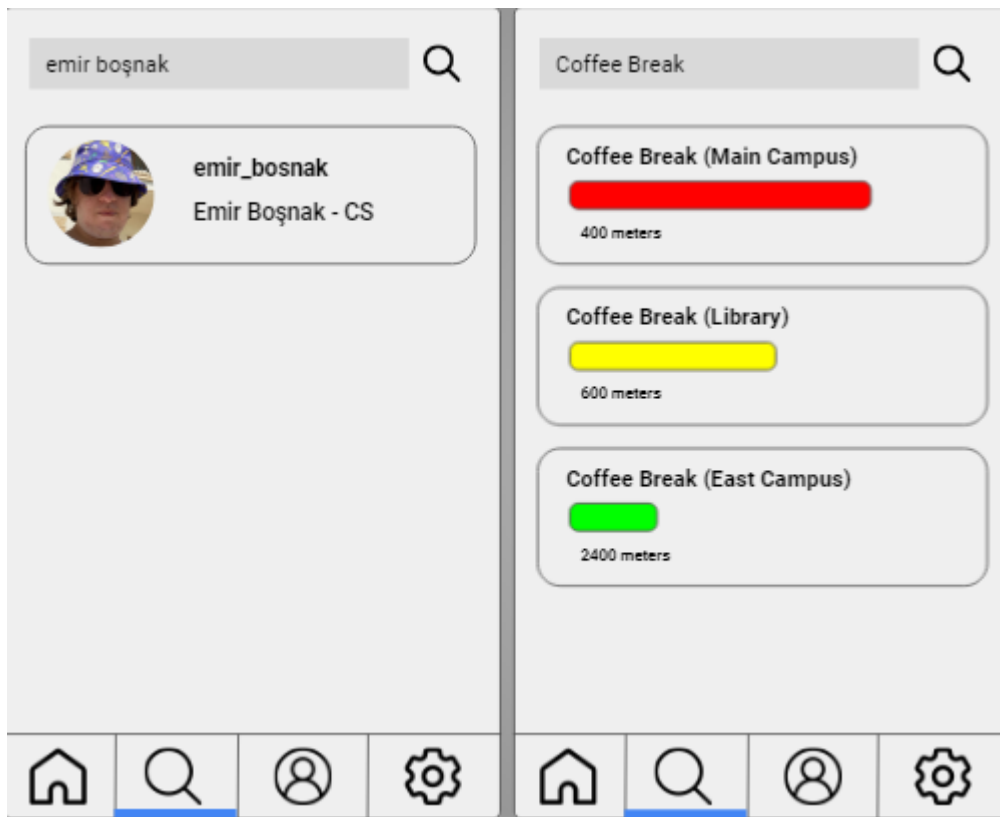
Bottom menu contains 4 tabs that are home tab, search tab, profile tab and settings tab. Blue indicator becomes visible below the tab the user is currently at.

2.2 Login and Sign Up Page

The image displays two side-by-side web forms for user authentication. The left form is titled 'LOGIN' and contains input fields for 'username' and 'password', followed by a green 'GO' button. Below the button are three links: 'Forgot password?', 'Don't have account?', and 'Continue without account'. The right form is titled 'SIGN UP' and contains input fields for 'email', 'username', 'password', 'password again', and a dropdown menu for 'department (optional)', followed by a green 'GO' button. Both forms feature the BILGIT logo at the bottom, which consists of a blue square and an orange rectangle with the word 'BILGIT' in white.

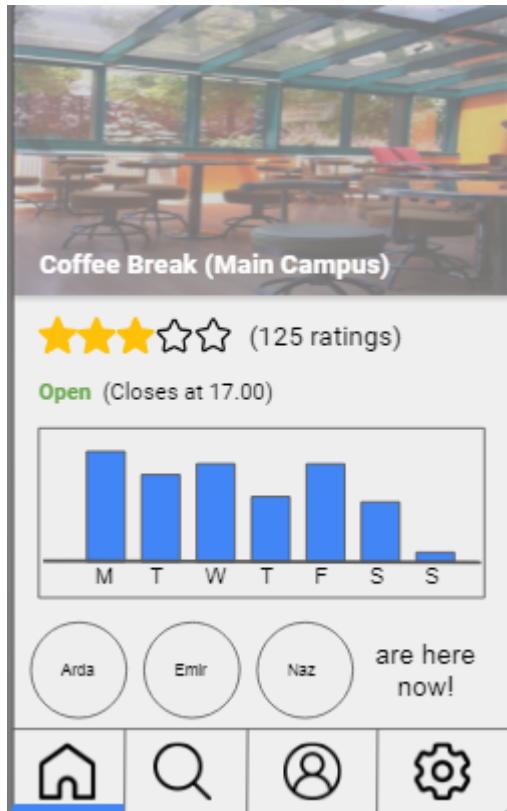
Lets users log in or sign up to their personal accounts. Already signed up users may log in using their username and password. Option to log in without an account lets users to use the service without creating or using any personal account. Users who forgot their passwords may regain access to their accounts by choosing “Forgot password?” option. This option sends an email containing a verification code to the users. Users can use this code to create a new password. This process happens through a simple interface asking for the verification code and the new password. Choosing “Don’t have an account” option directs users to the sign up screen to create a new account. Sign up screen allows users to create a new account. Users must provide necessary personal information to create a new account. Department information is optional and can be changed later. Users must fill in the boxes themselves with required information except for the department. department is chosen from a combobox that has all departments. After the user has created an account, he/she gets a confirmation email to validate the email account.

2.3 Search



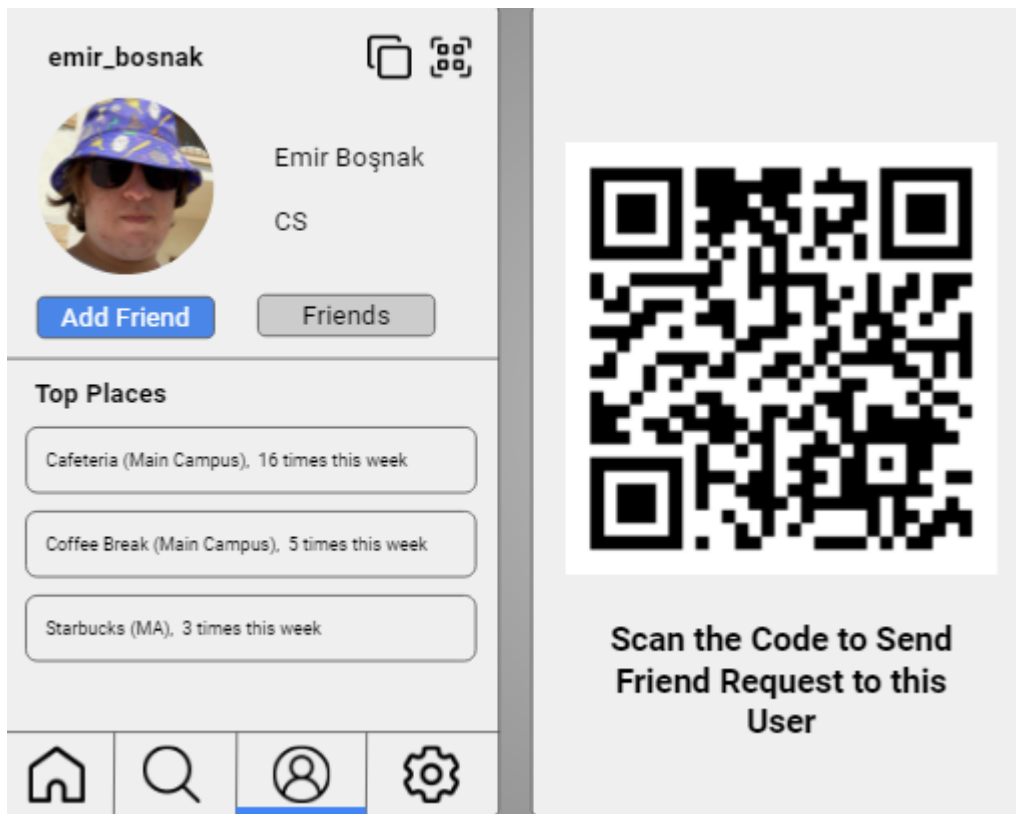
The search menu allows users to search a place or people. Users will be able to see the crowdedness and the distance of the place when they search. Moreover, they can access the profiles of the places and the people using the app by clicking on the boxes appearing in the search. Users will see the profile photo of the user that they searched for on the left side of the boxes and on the right side, there will be the name, username and the department of the user if they chose to share it with us.

2.4 Place Profile



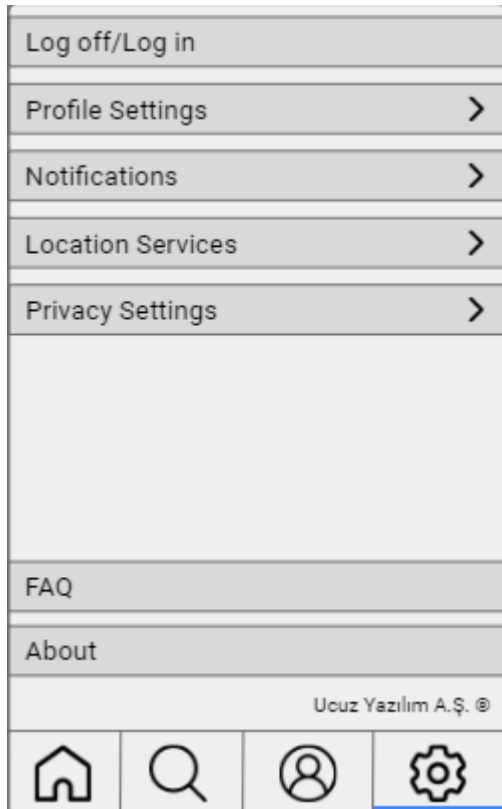
Place profile contains a photograph of the cafe or restaurant at top of the page whereas name of the cafe also is shown on the photograph. Below the photograph of the place there are 5 stars which represents the overall rating given by the users of the place. This page also contains information about the place such as it's open hours and weekly crowdedness graph. Lastly, friends of the user that are currently at the cafe are shown below the page.

2.5 User Profile



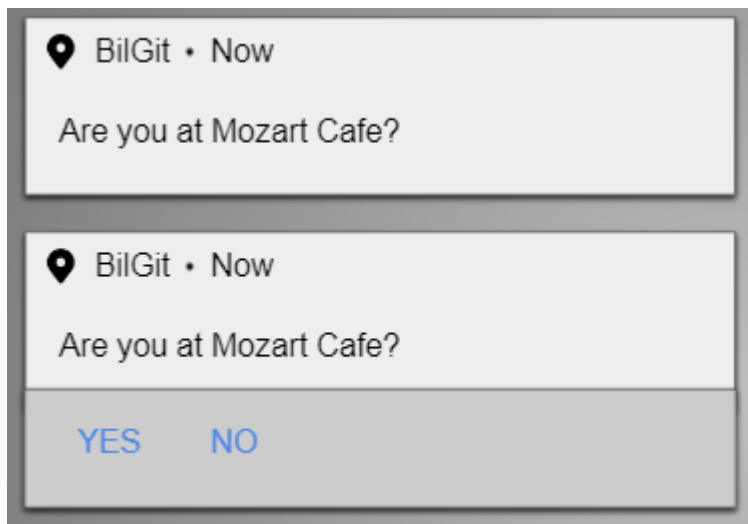
User profile is where information about users can be seen. The username will be shown on top of the user profile page. There will be two buttons next to the username. The first one will be used for copying user ID and the second button will be for showing the QR code. Users can search people by using the copied user ID and send friend requests by scanning QR code. Under the username, profile picture selected by the user, the name and department of the user will appear. Add friend button will be used for sending friend requests. When the users' friend request is accepted, the add friend button transforms into Friend label immediately. The Friends button will be used for seeing the list of friends. Lastly, in the user profile, there will be "Top Places" part. In this part, users will be able to see a user's most frequently visited places and how many times the user visited that place in a week. Furthermore, users will be directed to the place profile when they click on the top place boxes.

2.6 Settings



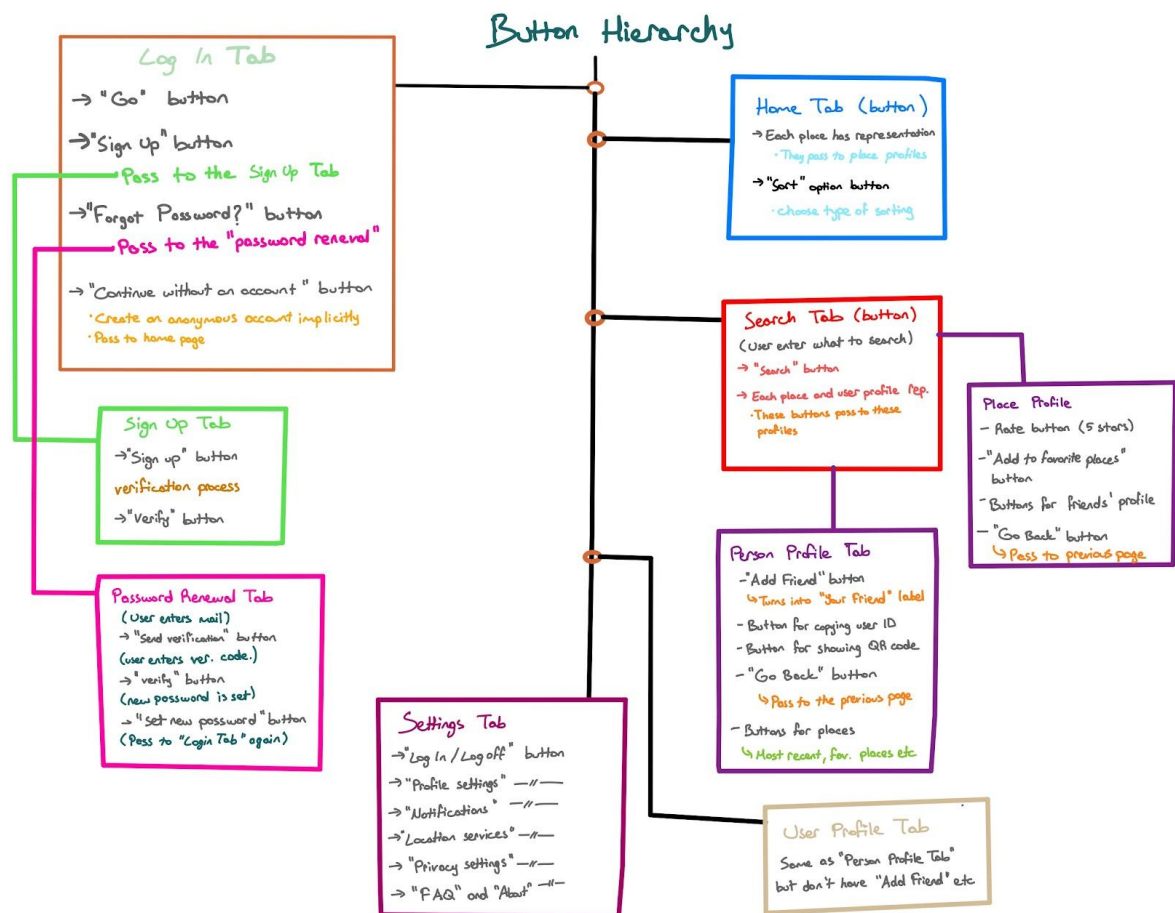
Settings tab contains a Log in/Log off option and other option pages about both app and user profile. In profile settings users can change variables related to their profile such as their name, username, profile picture and department. In the privacy settings page users can change their profile as either public or private profile. Moreover, users can alter the settings related to the app like location services and notification services. Lastly, there are FAQ and About pages which provide information about the app, at the bottom of the settings page.

2.7 Notification Design



We will use the default notification system of android containing a yes or no option in order to let users easily indicate whether they are at the cafe or not. Notifications will be sent when they enter the predetermined locations which are corresponding to the locations of the cafes in the campus.

2.8 Button Interactions



3. Summary & Conclusions

In conclusion, the UI will provide all of the relevant information for the user while being easy to navigate between pages and through menus. Also, the simple notification design informs the user with minimal content, and lets users respond to notifications quickly, without needing the application to be opened. The app will look modern and slick, which is expected from present-day applications.