



BILKENT UNIVERSITY

DEPARTMENT OF COMPUTER ENGINEERING

CS 319 - Object Oriented Software Engineering

S2T9-undefined

CampusConnect

Build Instr, User Manual, Source code - D6

13/12/2023

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1. Build instructions

The entirety of code can be found and downloaded from our GitHub repository.

1.1. Requirements

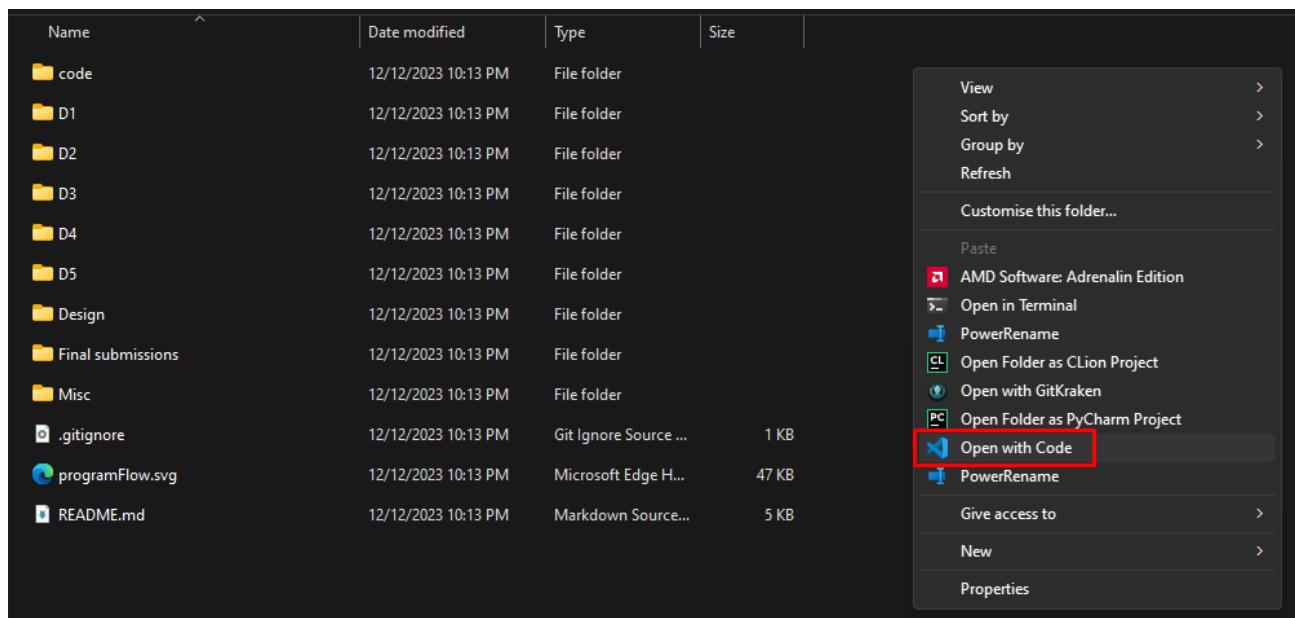
Following are the requirements/installed programs needed for running this app on your device:

- VS Code v 1.6 onwards
- npm

1.2. How to run

Here are the steps to follow to get started with using our app:

1. Clone the repository from this link: [Repository Link](#)
2. Right click in the folder and select “Open with code”



3. Now open the terminal in VSC, and run the following commands
(wait for installation to finish after running the install command +

make sure you are in the S2T9-Undefined directory):

```
cd .\code\server  
npm install  
npm run start
```

Now open another terminal and run the following instructions in it

(wait for installation to finish after running the install command):

```
cd .\code\client  
npm install  
npm run start
```

You will be asked “Would you like to run the app on another port instead? » (Y/n)”. Input y for yes. This will run the server(backend) on port 3000 and the client(frontend) on port 3001. It is important to start the backend first, otherwise, you may encounter an error.

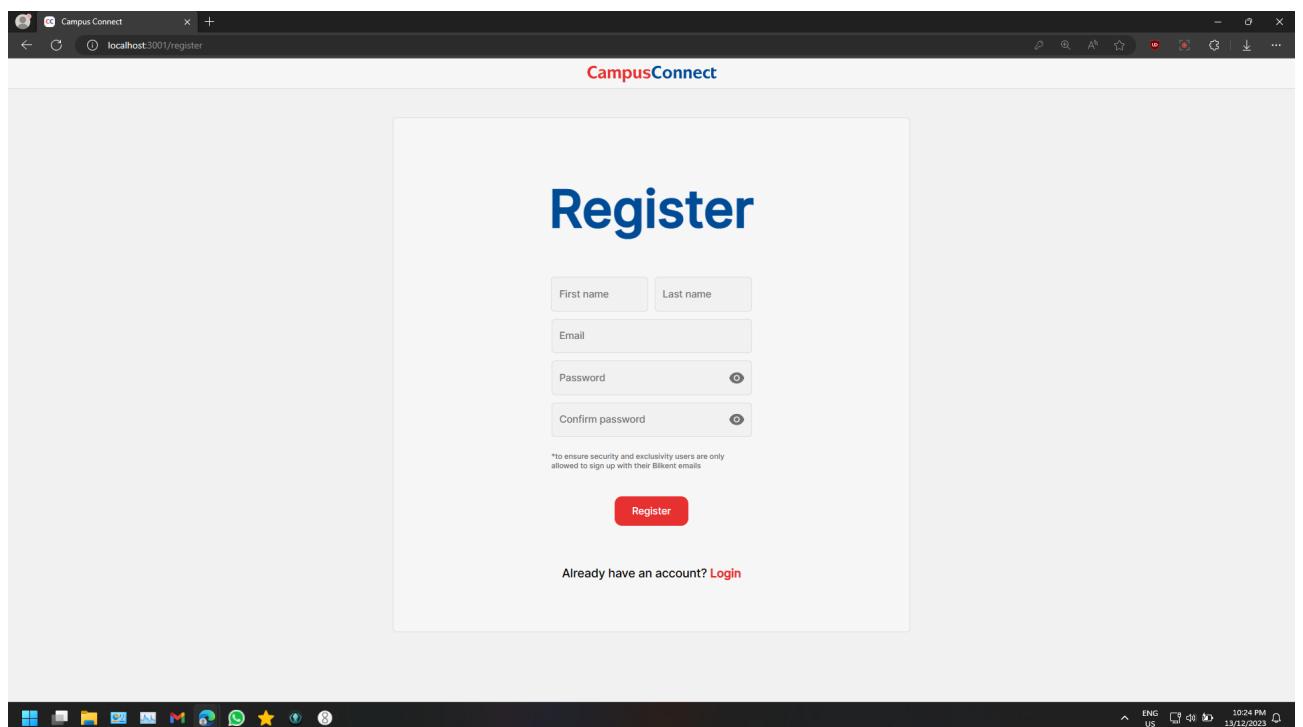
4. Congratulations! You have completed the build. A window will open to show the Login page of the CampusConnect website.

2. User Manual

Below is a comprehensive guide to using CampusConnect.

2.1. Register and Login pages

Upon reaching the website for the first time, you will be asked to register using your Bilkent Email address.

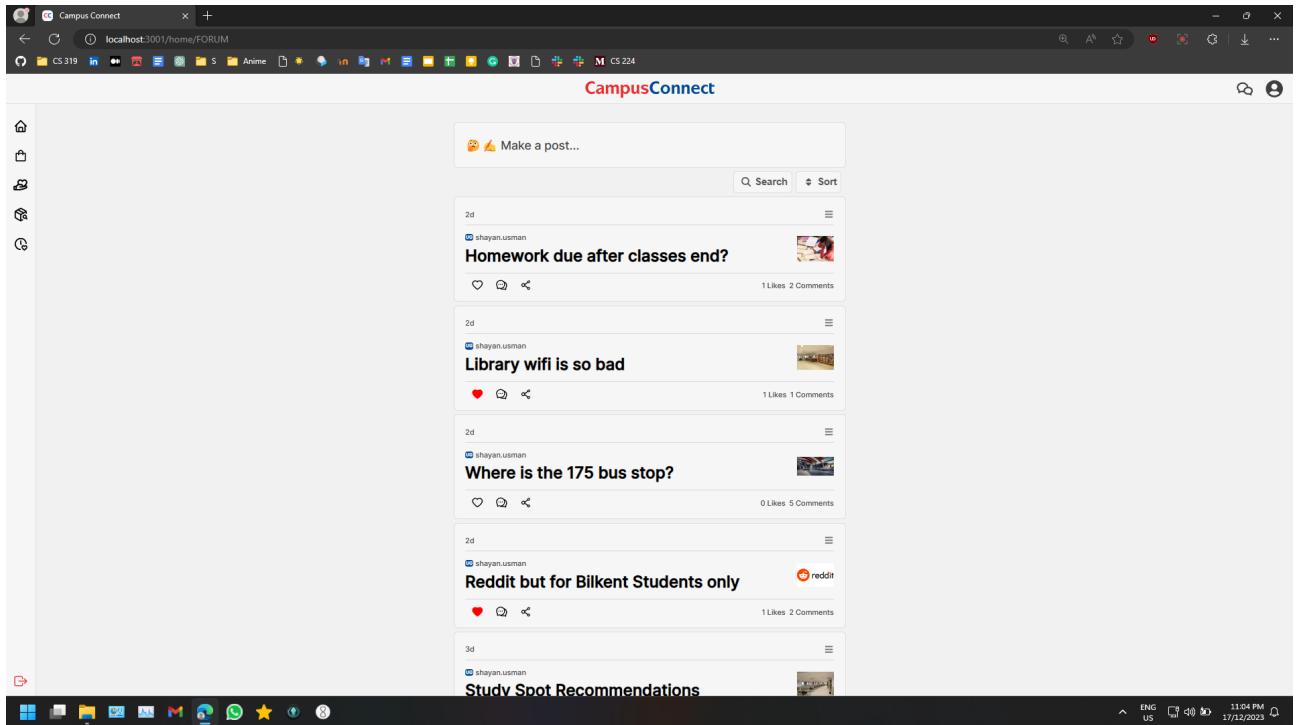


You will receive a verification email. Click on the link inside to confirm email

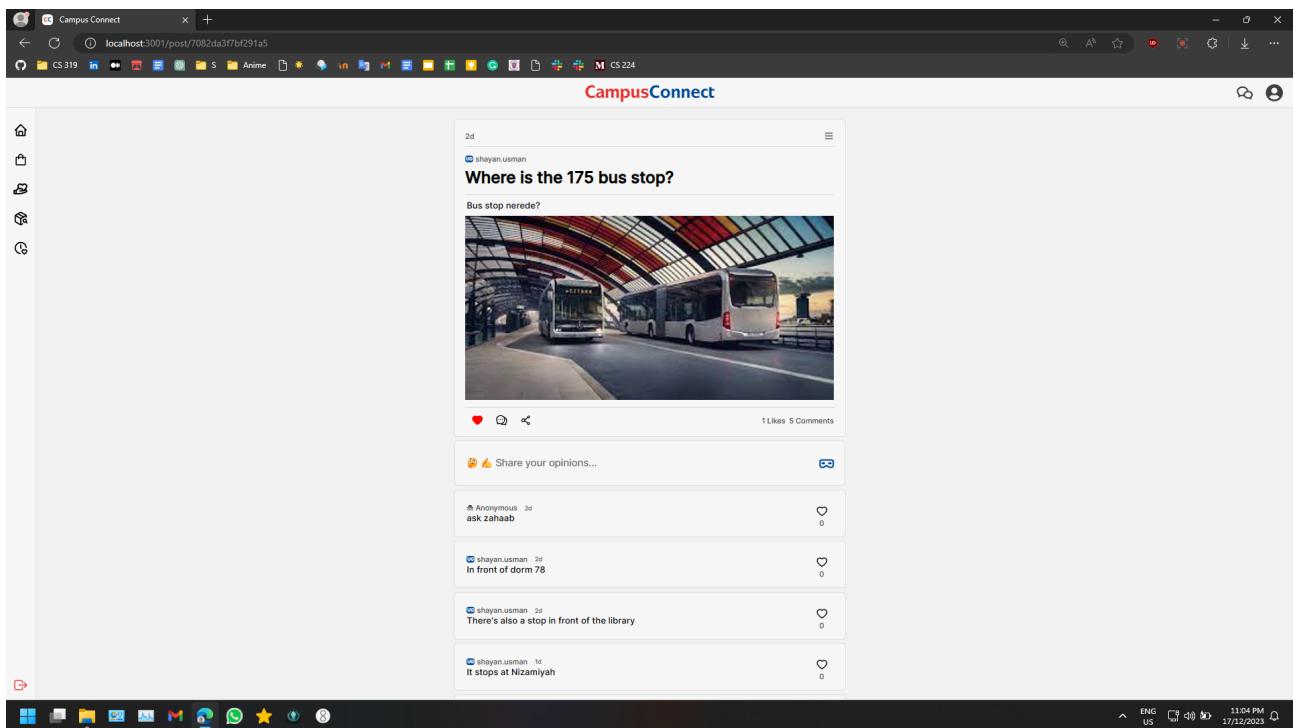


2.2. Forum page

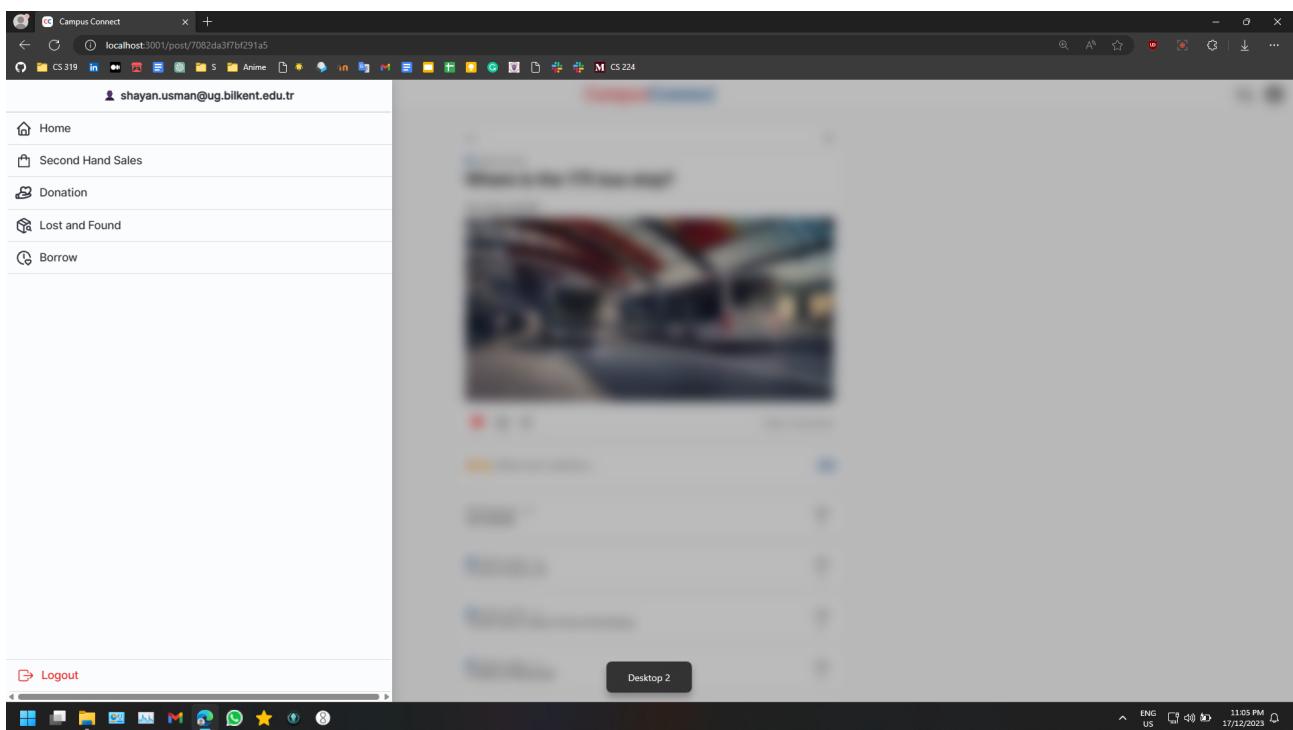
After logging in, you can see the home page with the forum feed.



You can click on a post to view more details and comments



On the left is the sidebar. Hover over it to expand it and see all the options.



You can also post comments and posts anonymously by clicking on the glasses icon

A screenshot of a web browser window titled "Campus Connect" showing a post from user "chayan.usman". The post is titled "Homework due after classes end?" and features a photograph of a person sitting at a desk covered in books and papers, looking stressed. Below the post, a message says "You can comment anonymously by clicking glasses icon ----->" followed by a glasses icon, which is highlighted with a red box. The post has 1 Like and 4 Comments. The comments section shows four entries:

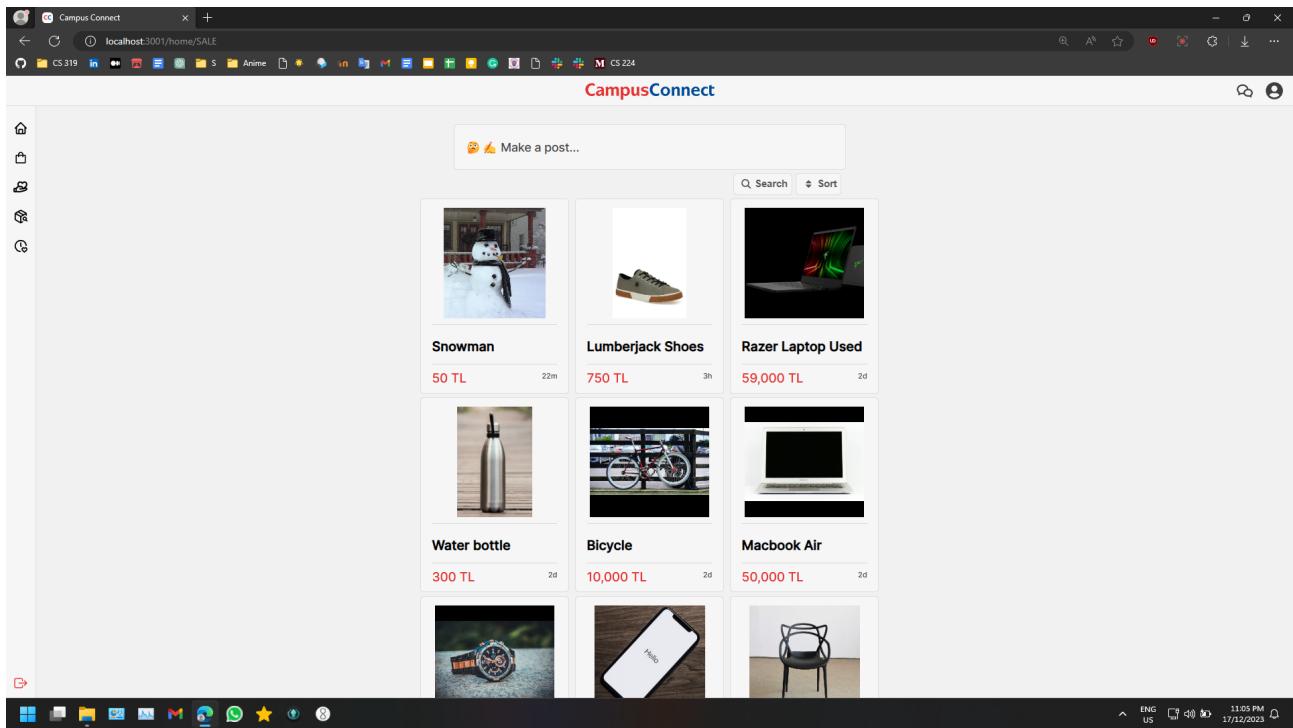
- yassine.younis 2d Yes 2
- zahaab.khawaja 2h sad 0
- yassine.younis 2m zhaab shutup 0
- yassine.younis 1m nobody asked 0

The browser window is running on a Windows operating system, with various icons visible in the taskbar at the bottom.

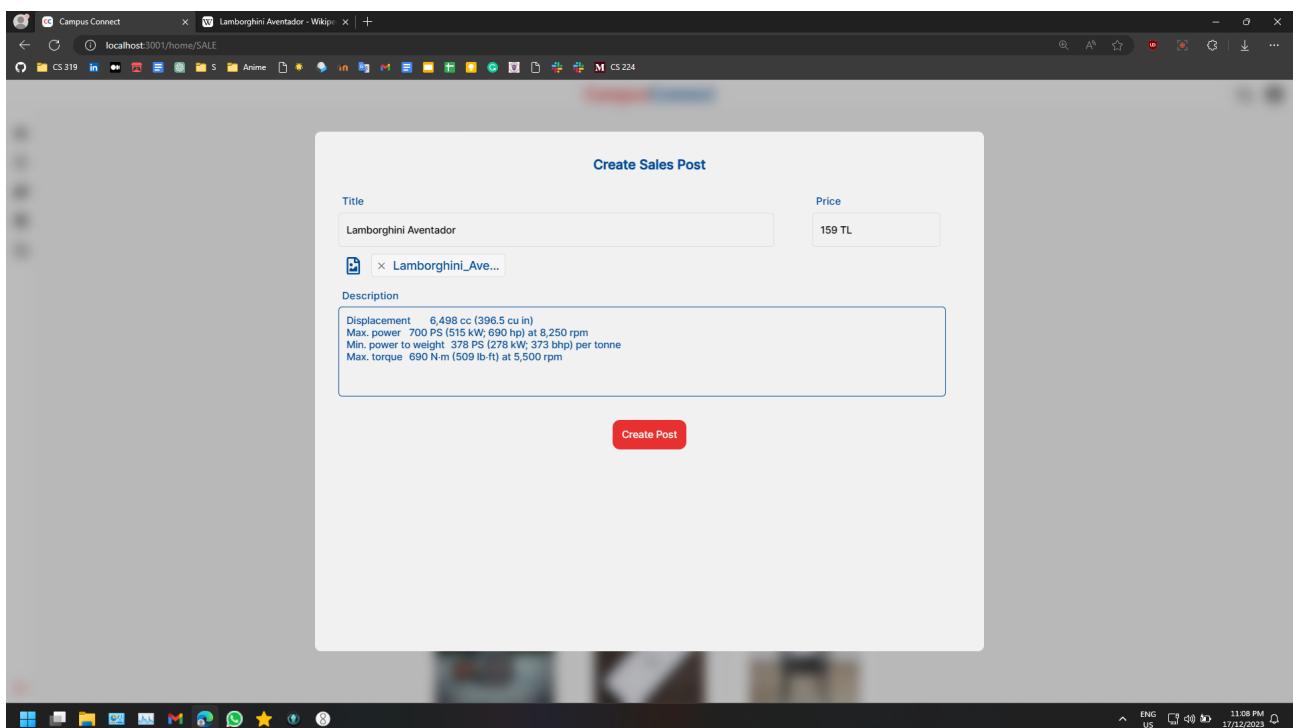
2.3. Second hand sales page

Second hand sales option takes you to this page:

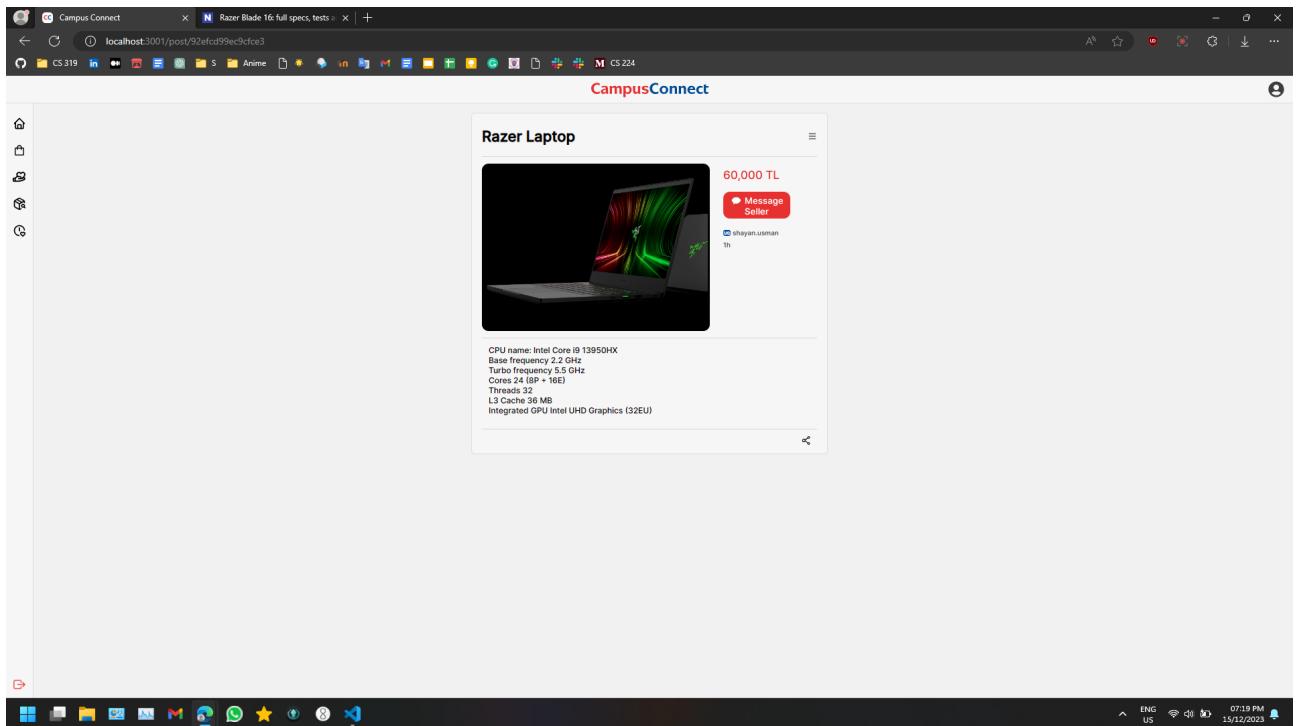
Here you can view items for second hand items on sale



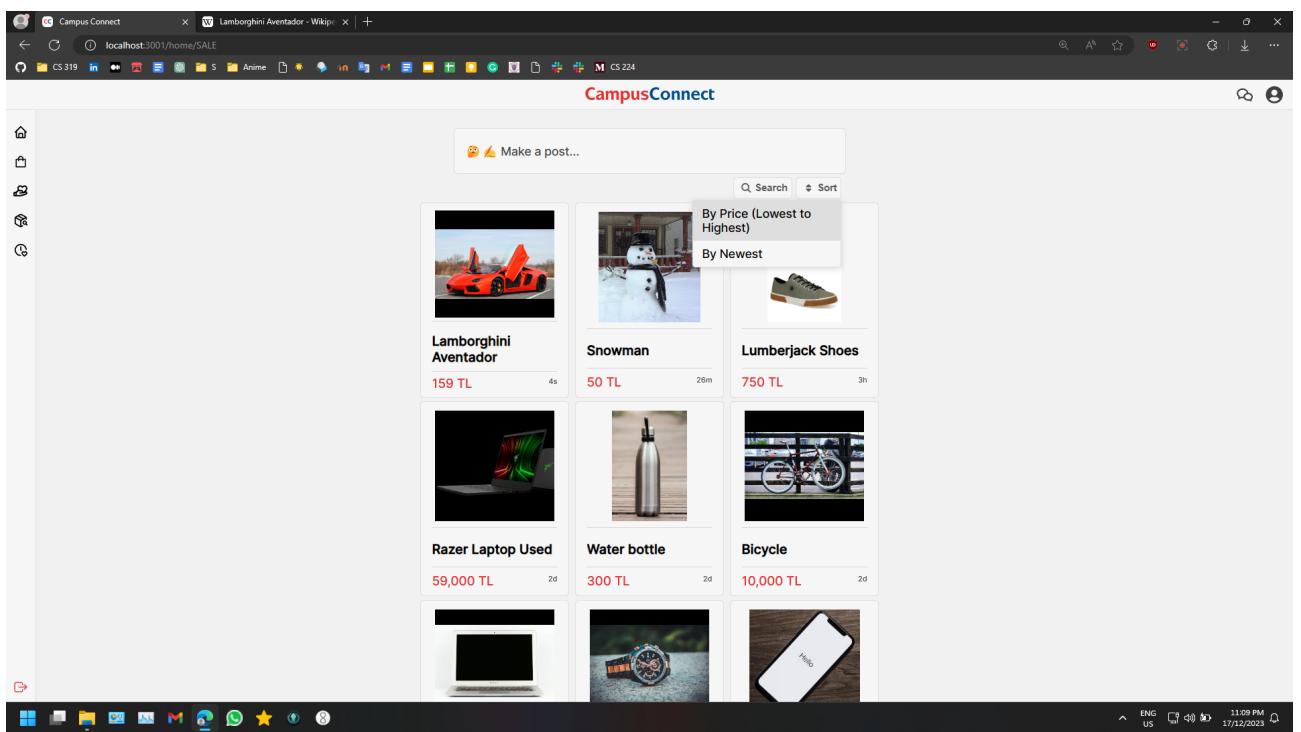
Add your own items for sale by clicking on “Make a post”



View item in more detail and reach out to seller by clicking on “Message Seller”



Sort results by price and newest



Sold items are removed automatically

You can also search for items using the search bar

The screenshot shows a web browser window titled "Campus Connect" with the URL "localhost:3001/home/SALE". The page displays a search interface with a search bar containing the letter "S" and a "Sort" button. Below the search bar are four item cards:

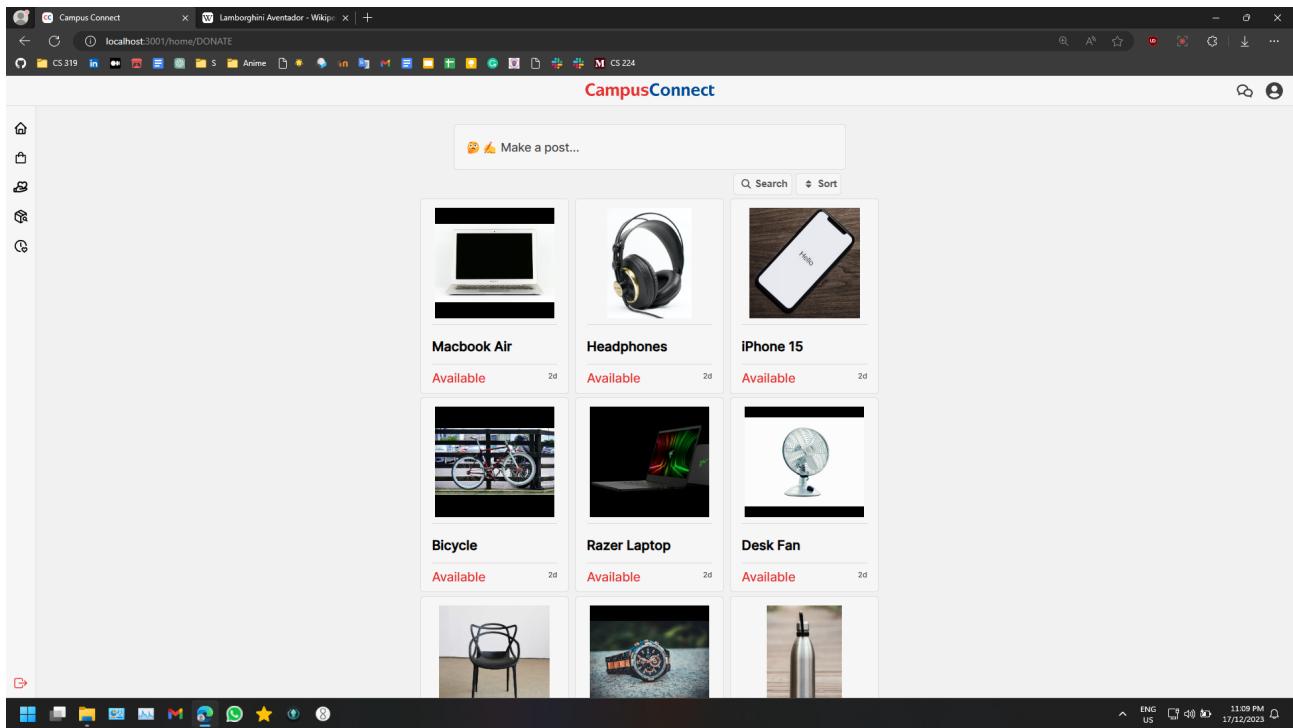
- Snowman**: Price 50 TL, posted 58m ago.
- Lumberjack Shoes**: Price 750 TL, posted 4h ago.
- Desk Fan**: Price 800 TL, posted 2d ago.
- Headphones**: Price 1,900 TL, posted 2d ago.

The browser's address bar shows "localhost:3001/home/SALE". The taskbar at the bottom of the screen includes icons for various applications like File Explorer, Edge, and File History, along with system status indicators for battery, signal, and date/time (11:41 PM, 17/12/2023).

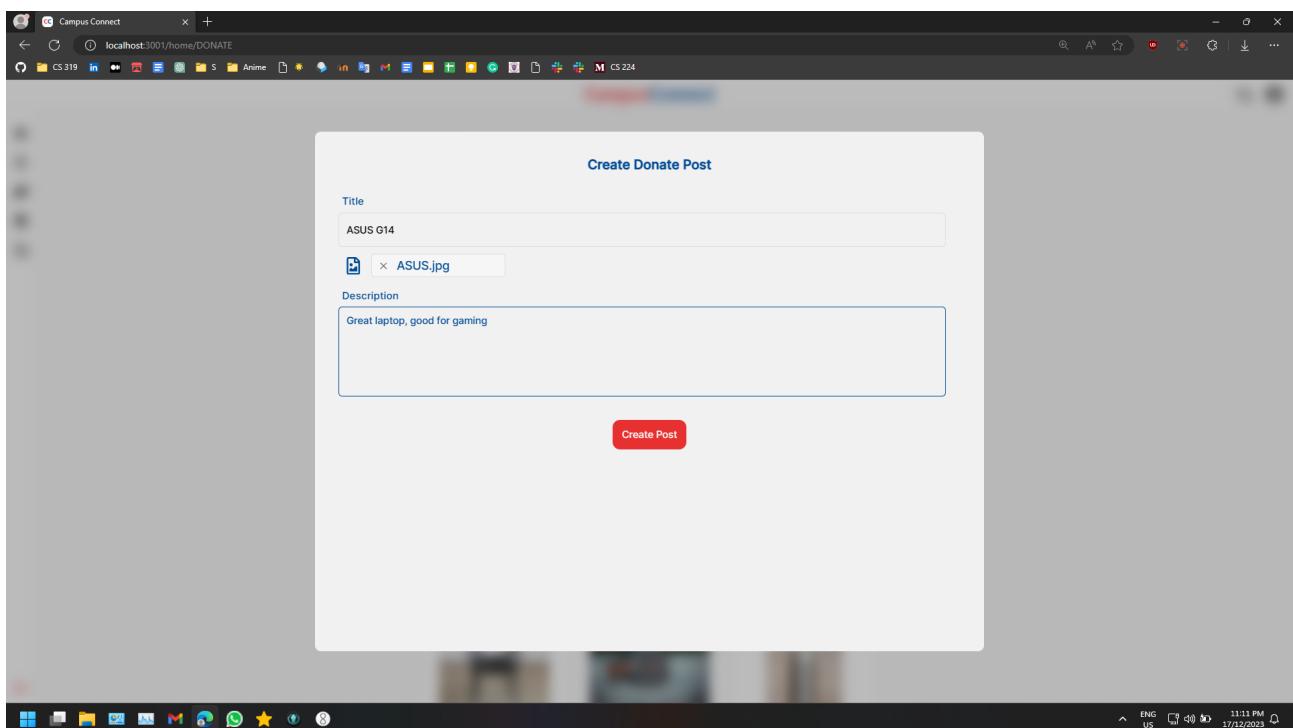
2.4. Donation page

Donation option takes you to this page

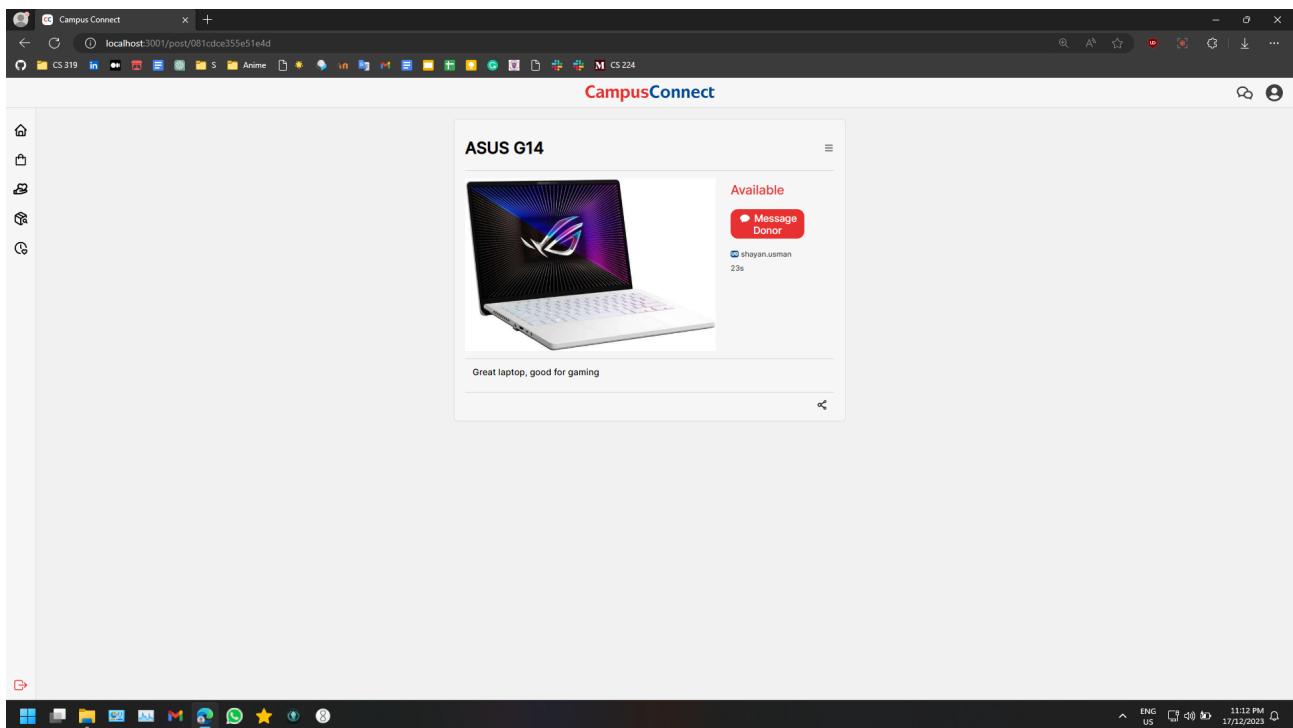
Here you can view items for donation



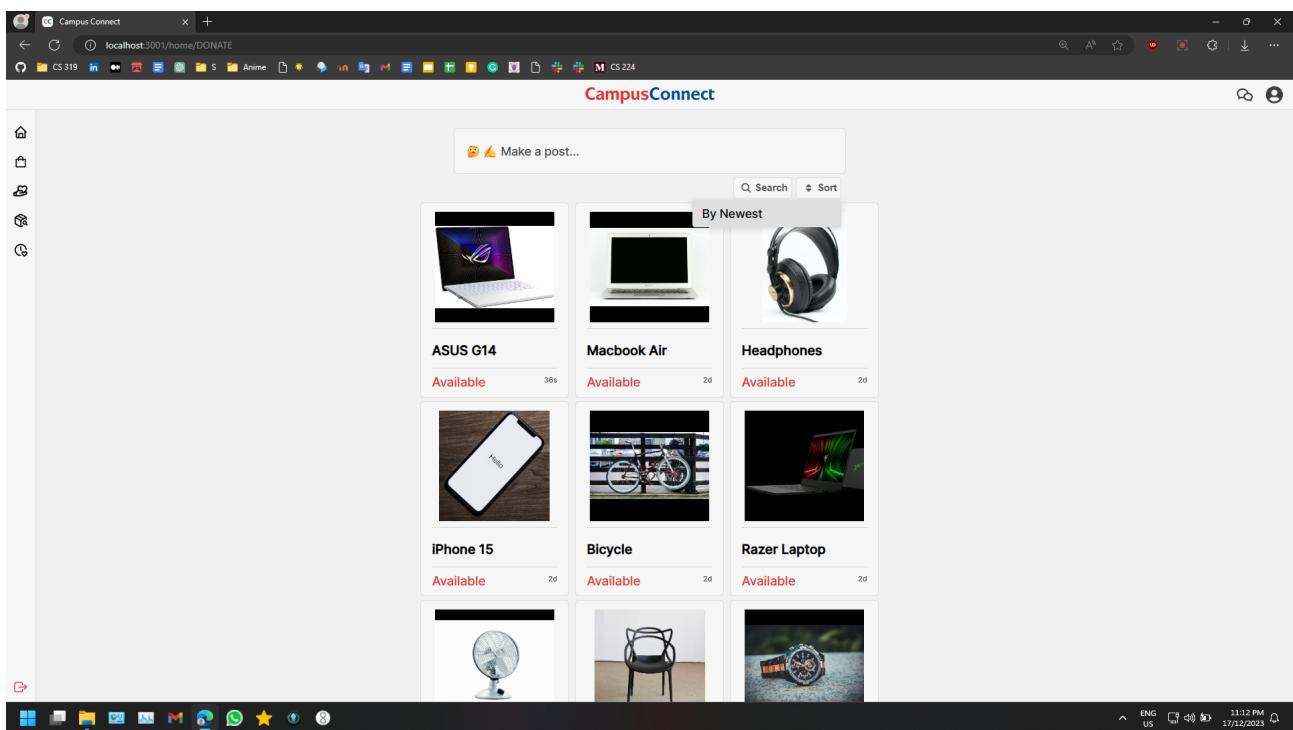
Add your own items for donation



View item in more detail and reach out to seller



Sort results

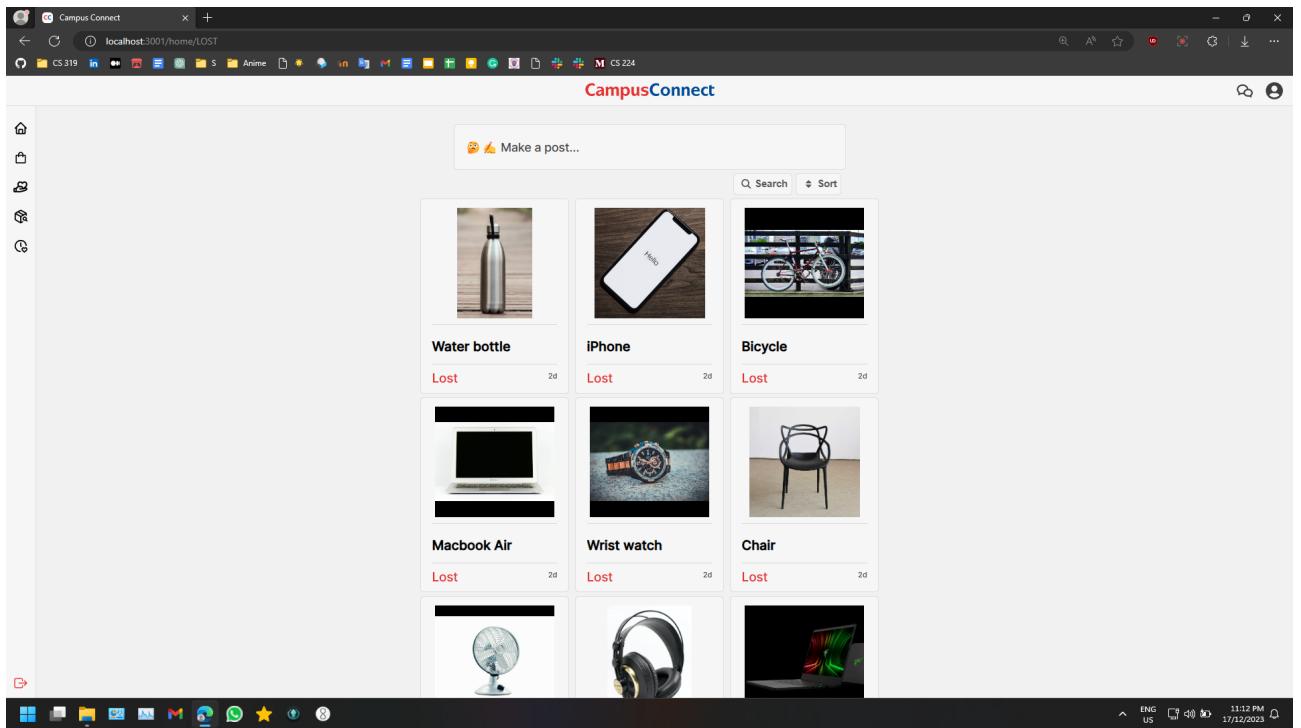


Donated items are removed automatically

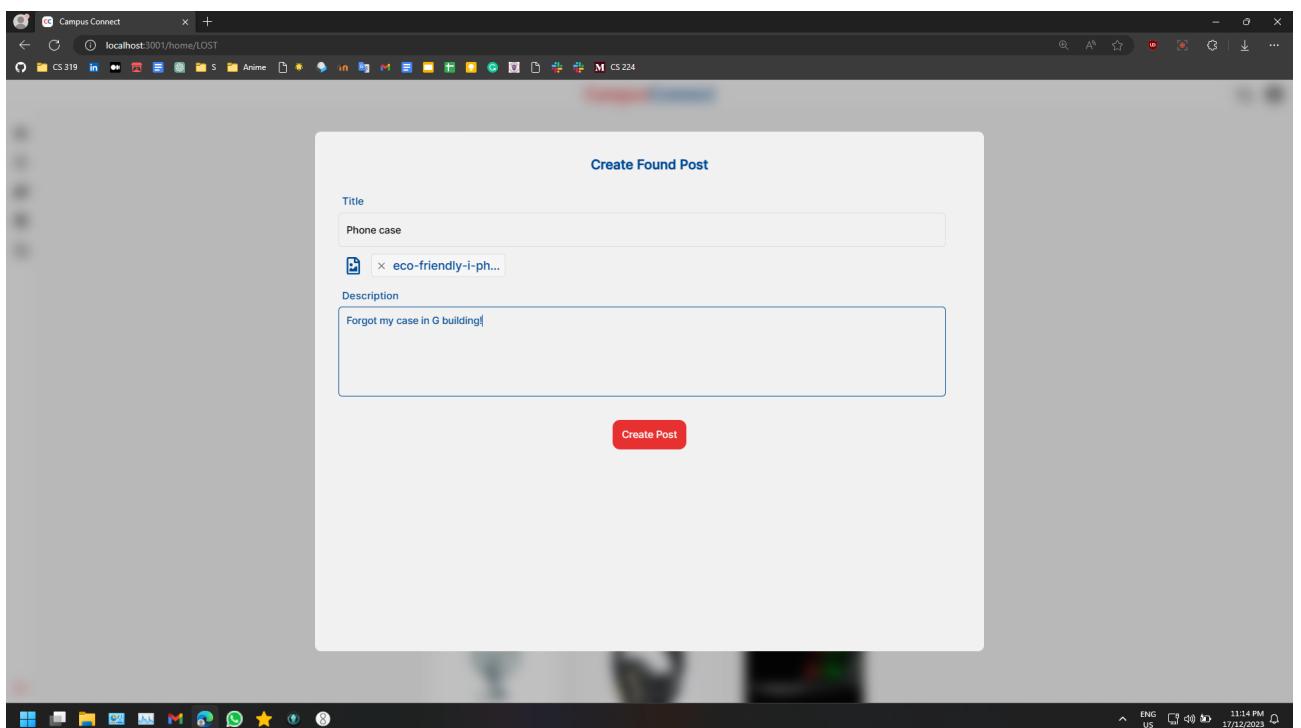
2.5. Lost and found page

Lost and found option takes you to this page

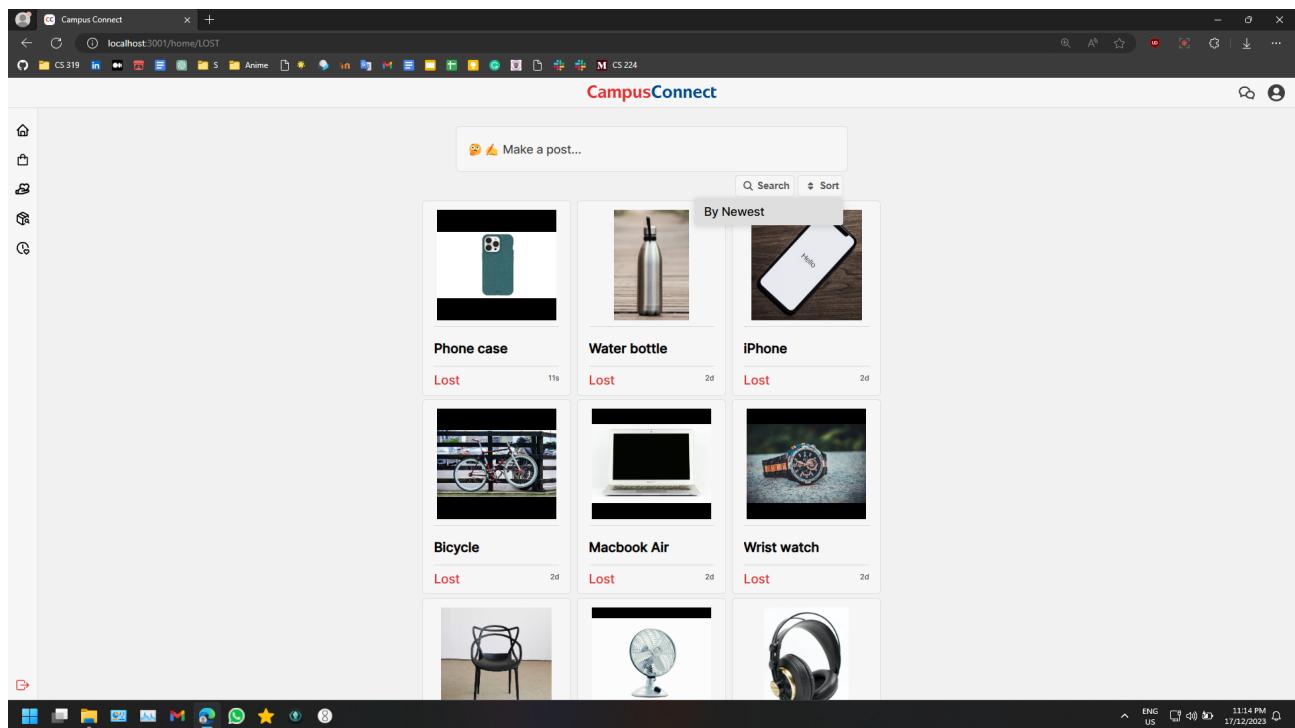
Here you can view items lost by people and posted by finders



Add your own items you lost/found



Sort results



Found items are removed automatically

2.6. Borrow page

Borrow option takes you to this page

Here you can view requests for items to be borrowed

The screenshot shows a web browser window titled "Campus Connect" with the URL "localhost:3001/home/BORROW". The page displays a list of borrowing requests:

- need a protractor** by zahaab.khawaja, Requested Duration: 1 day
- Need to borrow watch** by shayan.usman, Requested Duration: 14 days
- Need calculator** by shayan.usman, Requested Duration: 13 days
- Testing borrow create** by zahaab.khawaja, Requested Duration: 3 days

Add your own post

The screenshot shows a "Create Borrow Post" dialog box. The fields are as follows:

- Title**: Need ruler
- Return Date**: 21/12/2023
- Description**: Need a ruler for ARCH exam!

A red "Create Post" button is at the bottom right of the dialog.

Sort results

The screenshot shows a web browser window for 'Campus Connect' at the URL 'localhost:3001/home/BORROW'. On the left is a sidebar with icons for Home, Post, Chat, Profile, and Log Out. The main area displays a list of borrowing requests:

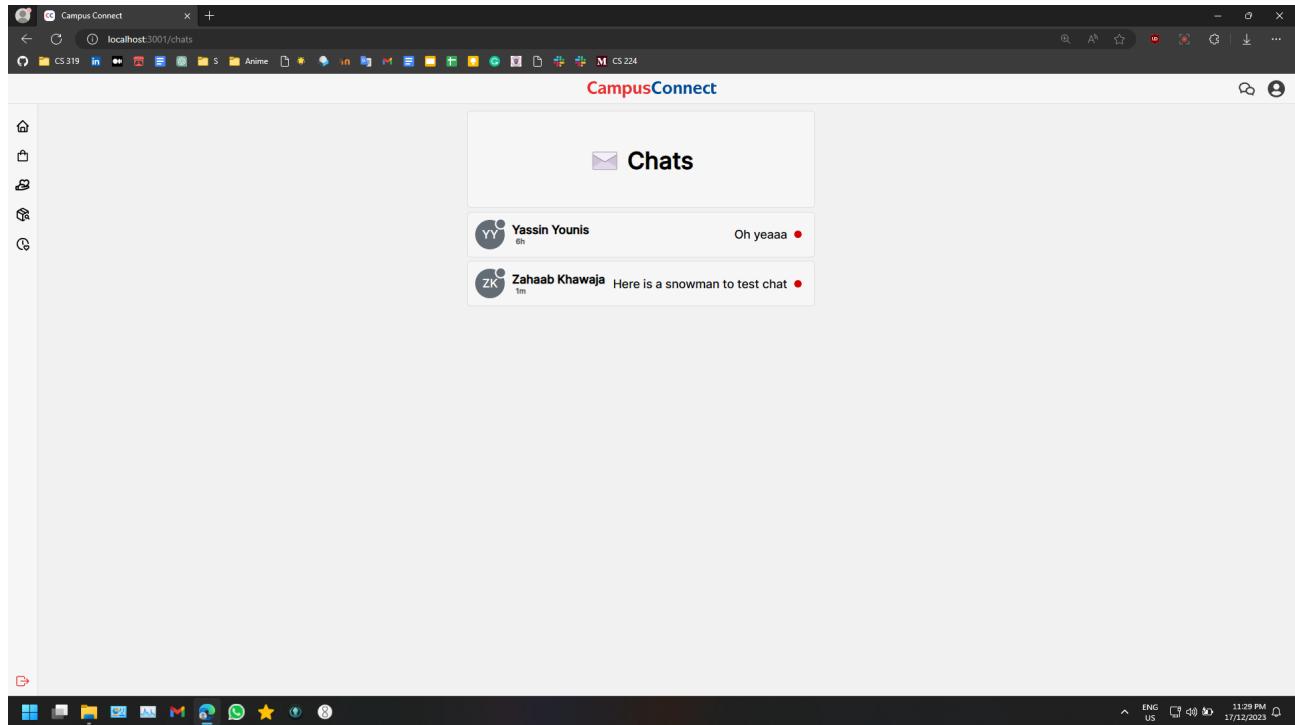
- 1s: shayan.usman - Need ruler - Requested Duration: 3 days
- 1h: zahaab.khawaja - need a protractor - Requested Duration: 1 days
- 2d: shayan.usman - Need to borrow watch - Requested Duration: 14 days
- 2d: shayan.usman - Need calculator - Requested Duration: 13 days
- 1w: zahaab.khawaja - Testing borrow create

A 'Sort' dropdown menu is open above the list, with 'By Borrow Duration' selected. Other options include 'By Newest'.

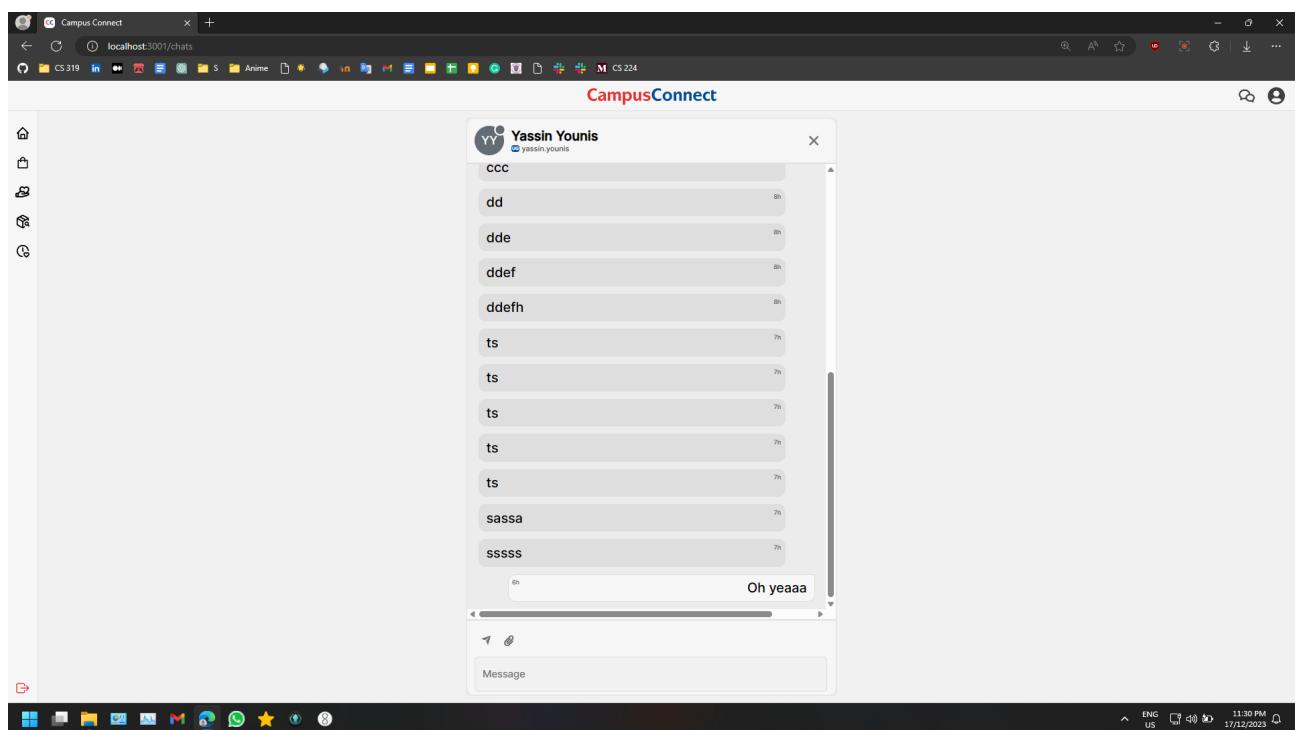
Donated items are removed automatically

2.7. Chat

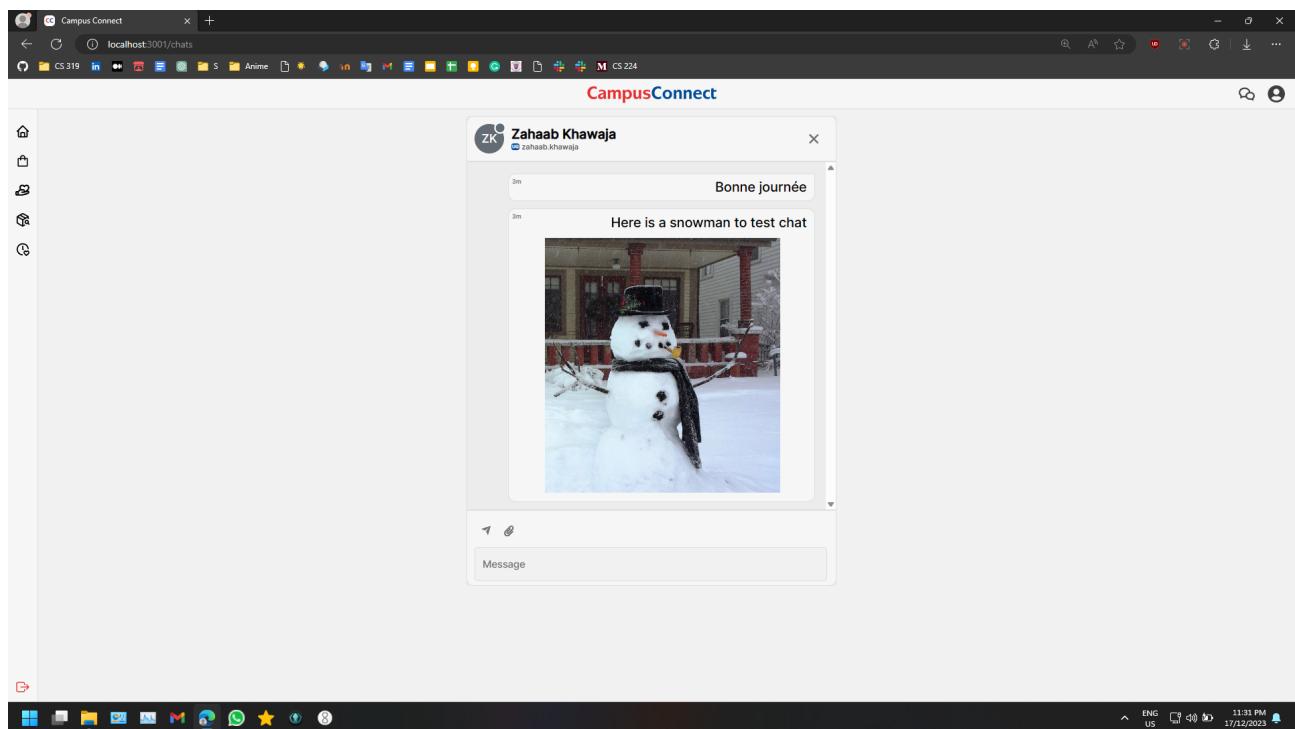
You can view all chats



And view chat with each person



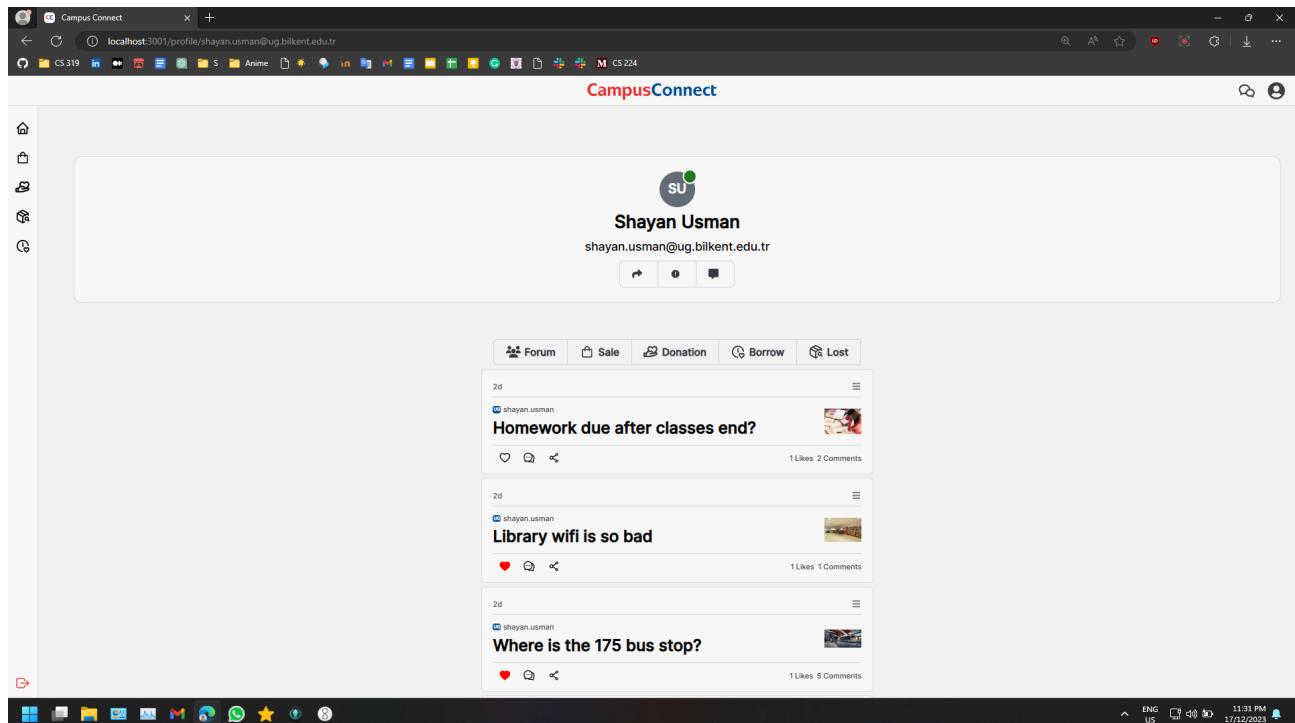
And send pictures as attachment



2.8. Profile Page

You can view your or others' profile. Here you can see all the posts the user has created. You can filter the types using the filter buttons array.

Below is a screenshot of the user's forum posts.



Below is a screenshot of the user's Second hand sales posts.

The screenshot shows a user profile on the Campus Connect platform. The profile belongs to 'Shayan Usman' (shayan.usman@ug.bilkent.edu.tr). The user has four items listed for sale:

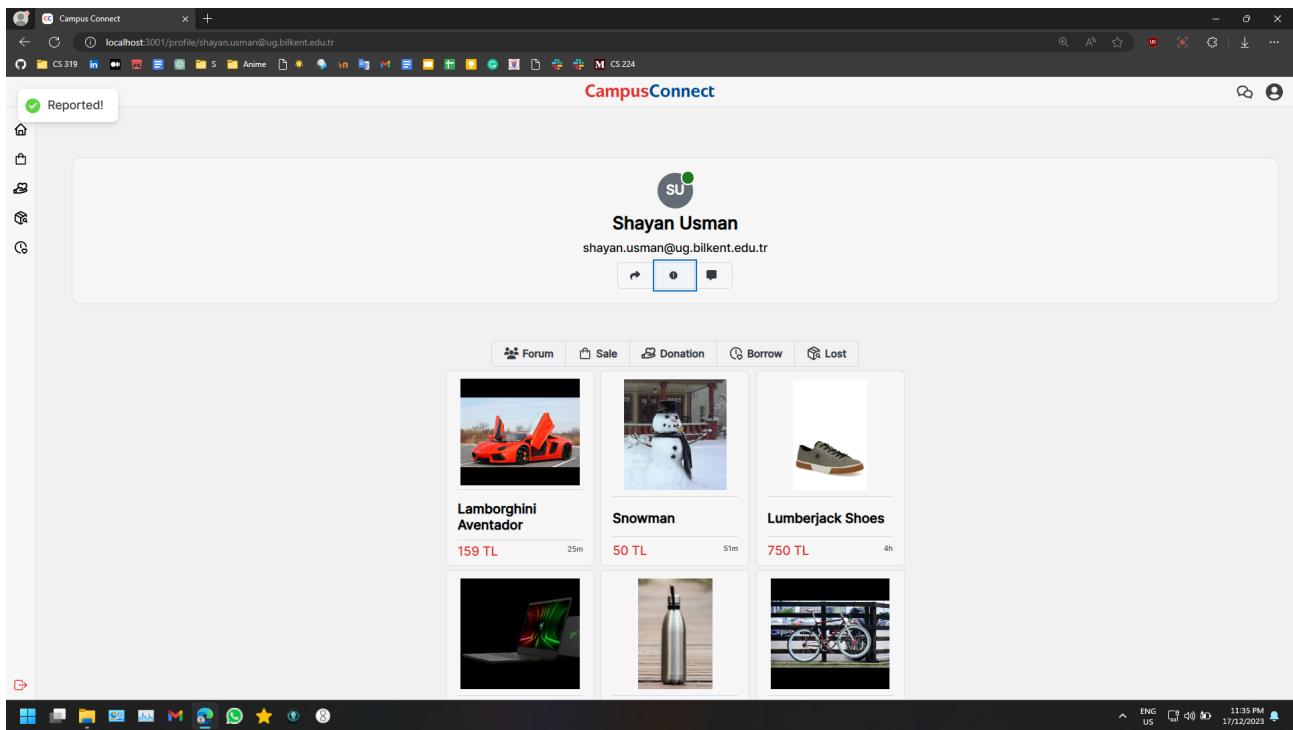
- Lamborghini Aventador: 159 TL, 25m old
- Snowman: 50 TL, 51m old
- Lumberjack Shoes: 750 TL, 4h old
- A laptop: 50 TL, 51m old

The interface includes navigation icons on the left, a top bar with 'CampusConnect' and user info, and a bottom taskbar with system icons.

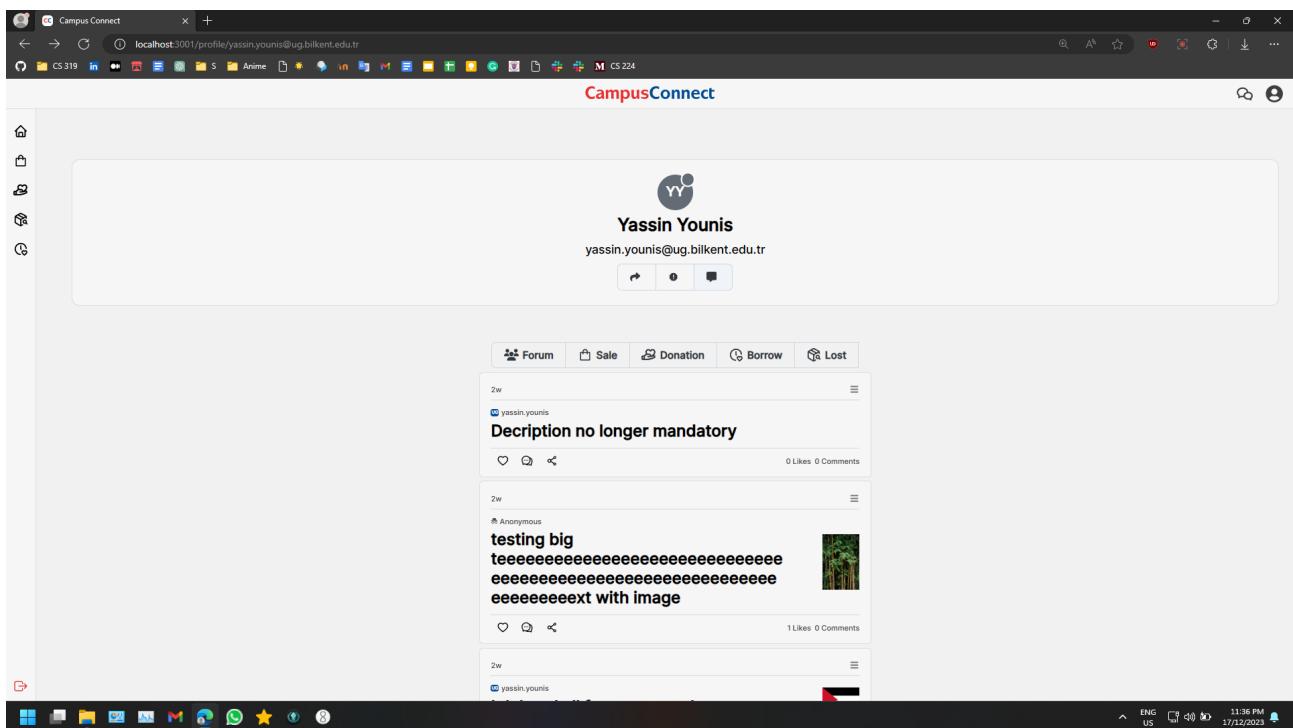
You can also share user

The screenshot shows the same user profile as the previous one, but with a message at the top: 'Link copied to clipboard!' indicating the user has shared the profile link. The item list is identical to the first screenshot.

You can also report user



You can also message user



You can also change your name and password and delete your account in settings

The screenshot shows a web browser window titled "Campus Connect" with the URL "localhost:3001/settings". The page has a sidebar with icons for Home, Profile, Settings, Help, and Logout. The main content area is titled "Settings". It contains a "Edit Profile" section with fields for First Name (Shayan) and Last Name (Usman), and "Account Management" sections for Reset Your Password and Permanently Delete Your Account.

CampusConnect

Profile

Settings

Help

Logout

Settings

Edit Profile

First Name: Shayan

Last Name: Usman

Cancel Save

Account Management

Reset Your Password

Permanently Delete Your Account

Reset Password

Delete Your Account