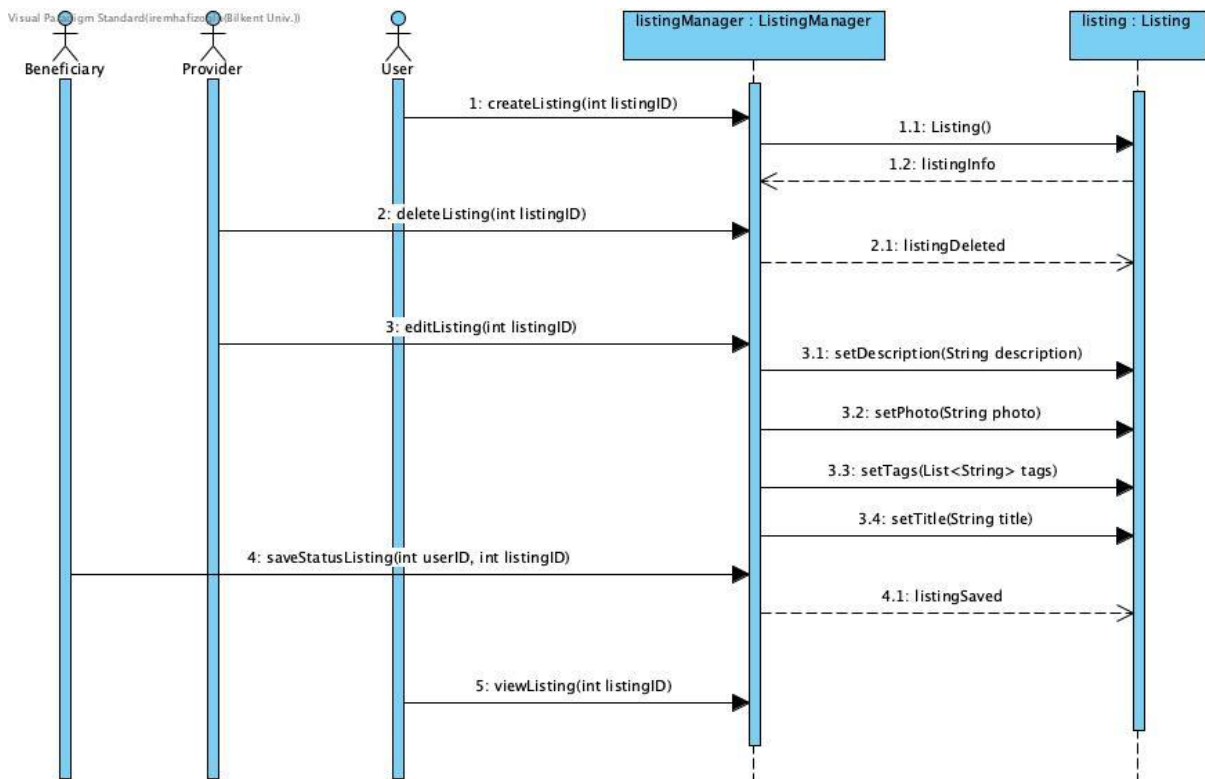


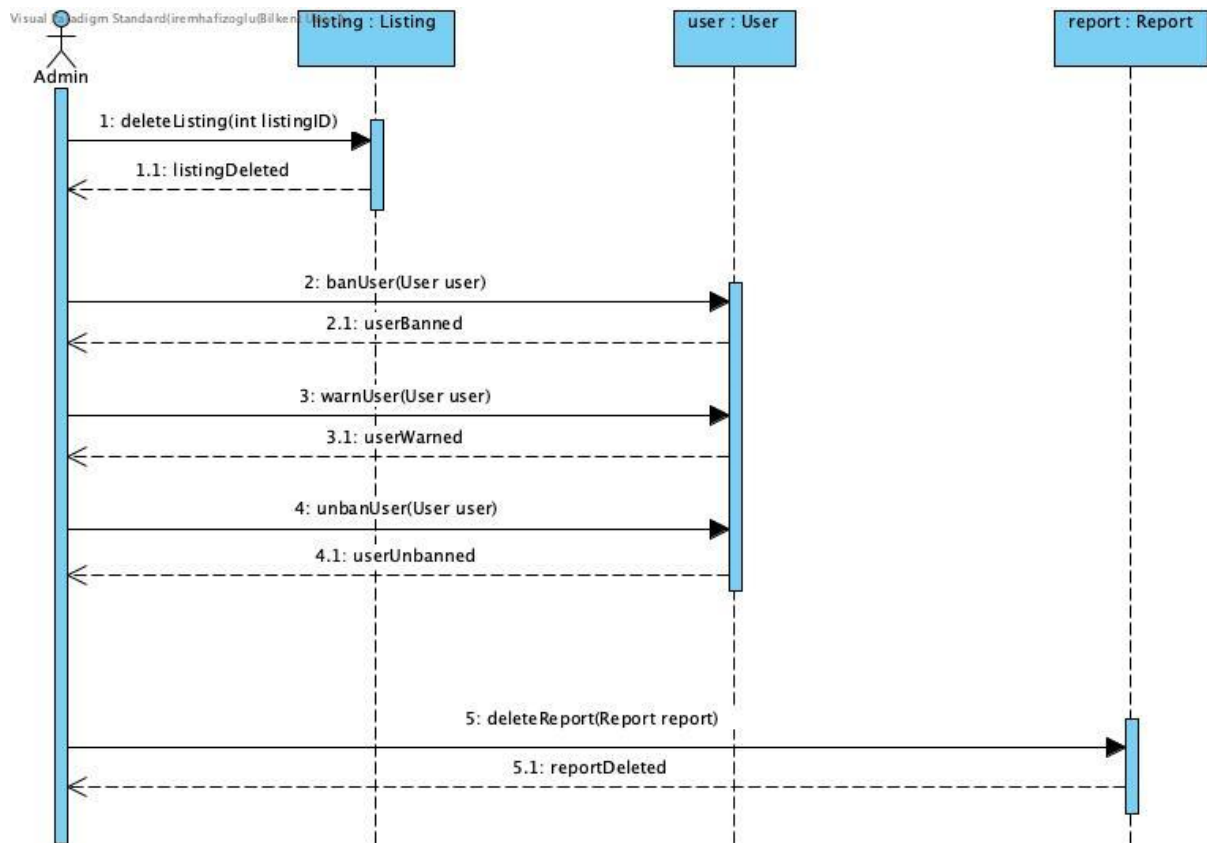
1. Sequence Diagrams

1.1. General User Diagram



Users can create a new listing from the main page. They can see all the pieces of information about their listing after they are done with it. Whenever they need to change information about the listing they can go to the edit page and change its attributes such as description, photo, tags, and title. Users can delete their listings if they change their mind or whenever it serves its purpose. Users can interact with others' listings by clicking on them or saving them to look at them later.

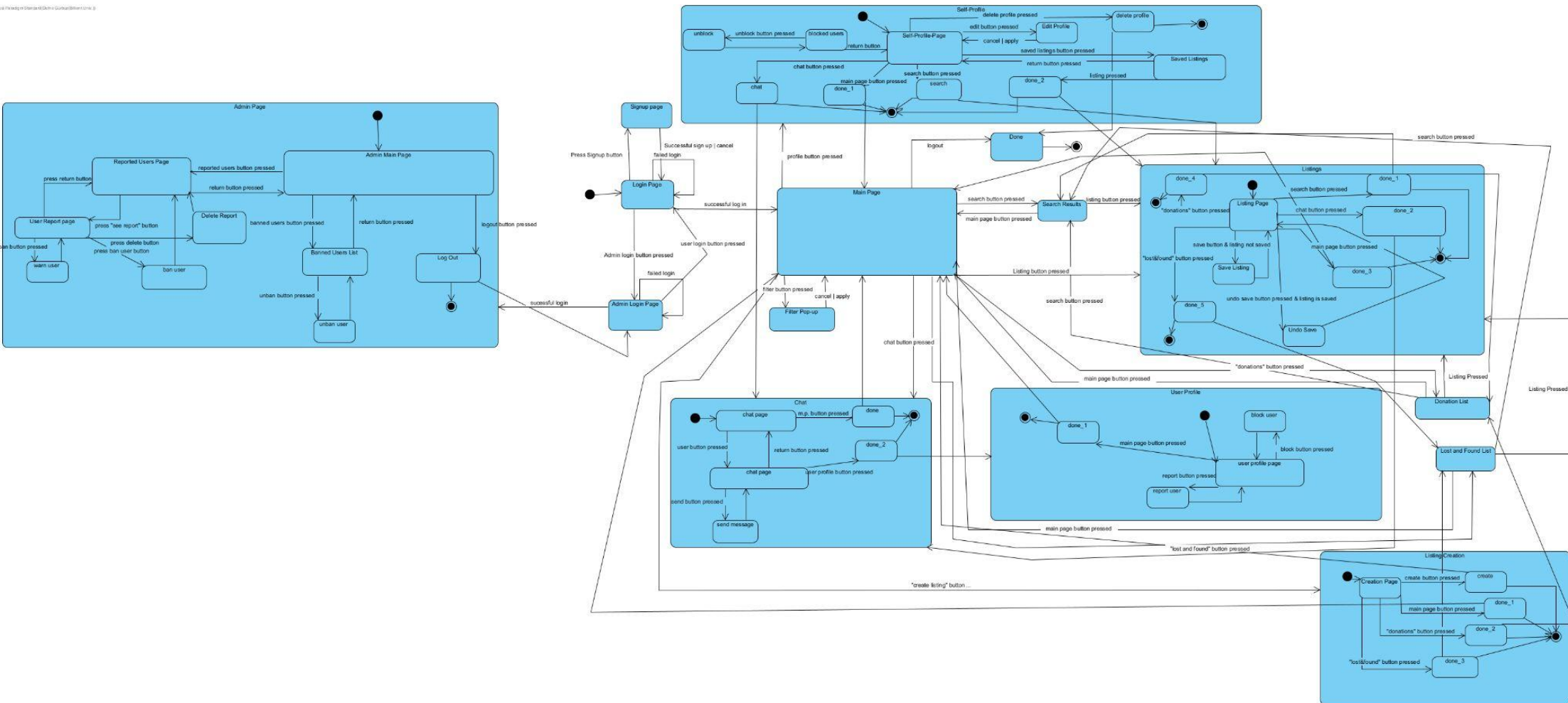
1.2. Admin Diagram



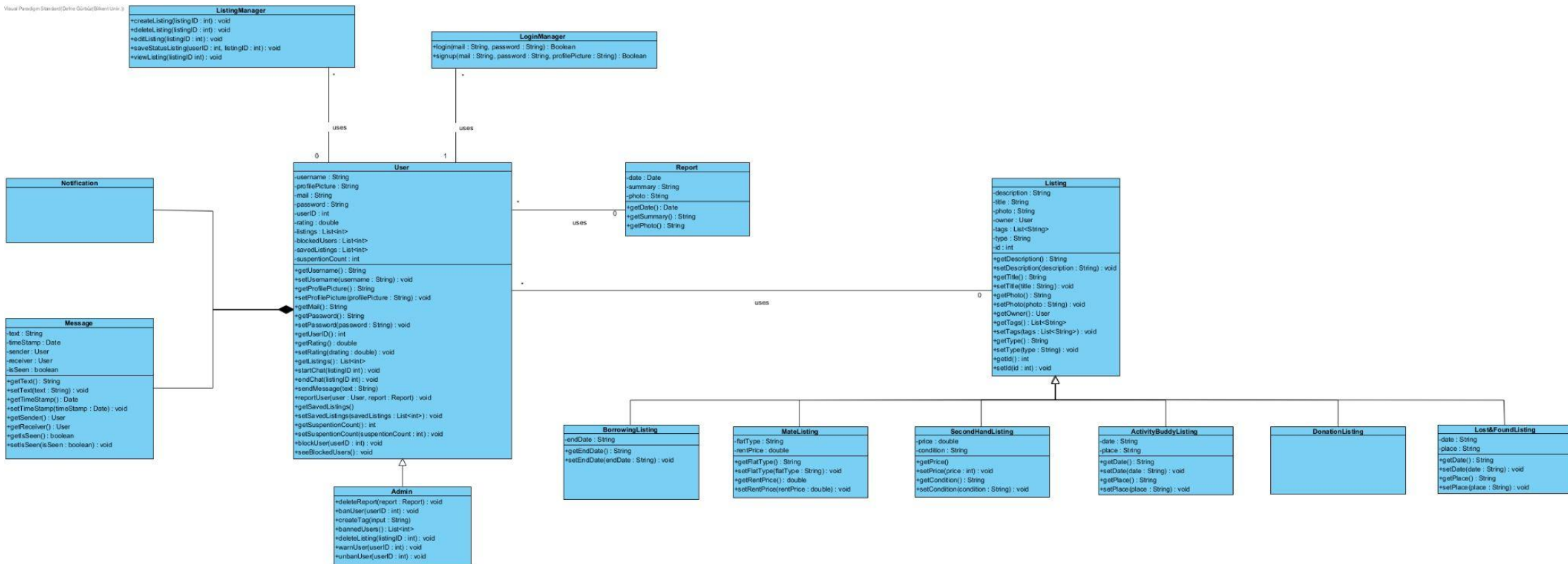
Admin can delete a listing if the listing has inappropriate content. Admin can warn users of their reported actions if necessary. If a user gets warned 3 times, admin bans a user. If a user gets banned, they cannot create an account with that email again. Admin can unban a user if there is a misunderstanding or an unusual situation. Admin can delete the viewed reports.

2. State Diagrams

Visual Paradigm for UML - Standard Edition v. 3.10.0 (64-bit) (© 2019)



3. Class Diagram



User: This class contains standard information of all users such as their username, Bilkent University e-mail addresses, profile pictures, and passwords.

Report: Reports are created with a summary of the reported event and a photo. Also, every report has a creation date.

Message: Message class will store the properties of a message such as its text, sender, receiver, isSeen, and timeStamp.

Admin: Admin can warn users that are being reported three times before banning them from. They can delete the reports they already reviewed. Delete listings if necessary or create some tags for users to use during the creation of the lists. They can also unban users later if necessary.

LoginManager: Users see the login page before logging in to their accounts. If they enter their mails and password correctly they log in to their account.

ListingManager: With this class, users can create a listing, delete a specific listing they created before, edit the listing as they like, view them by clicking on them and they can save other users' listings for later to look at.

Listing: Listing is an abstract class. It contains the common properties of all Listings such as their description, title, photo, owner, tags, type, and ID.

BorrowingListing: BorrowingListing is a child class of Abstract Listing Class. This class has an endDate property additional to its parent class. The user enters information about the listing they want to create.

MateListing: MateListing is a child class of Abstract Listing Class. This class has flatType and rentPrice properties additional to its parent class.

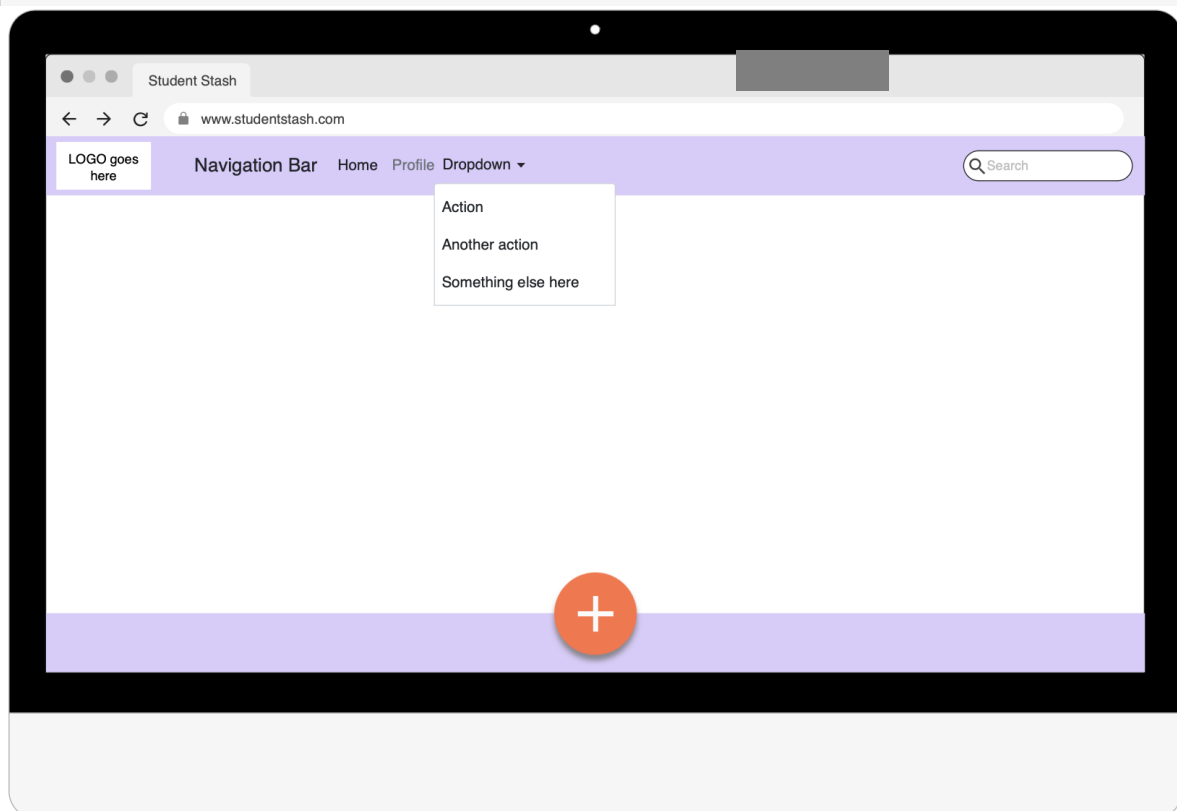
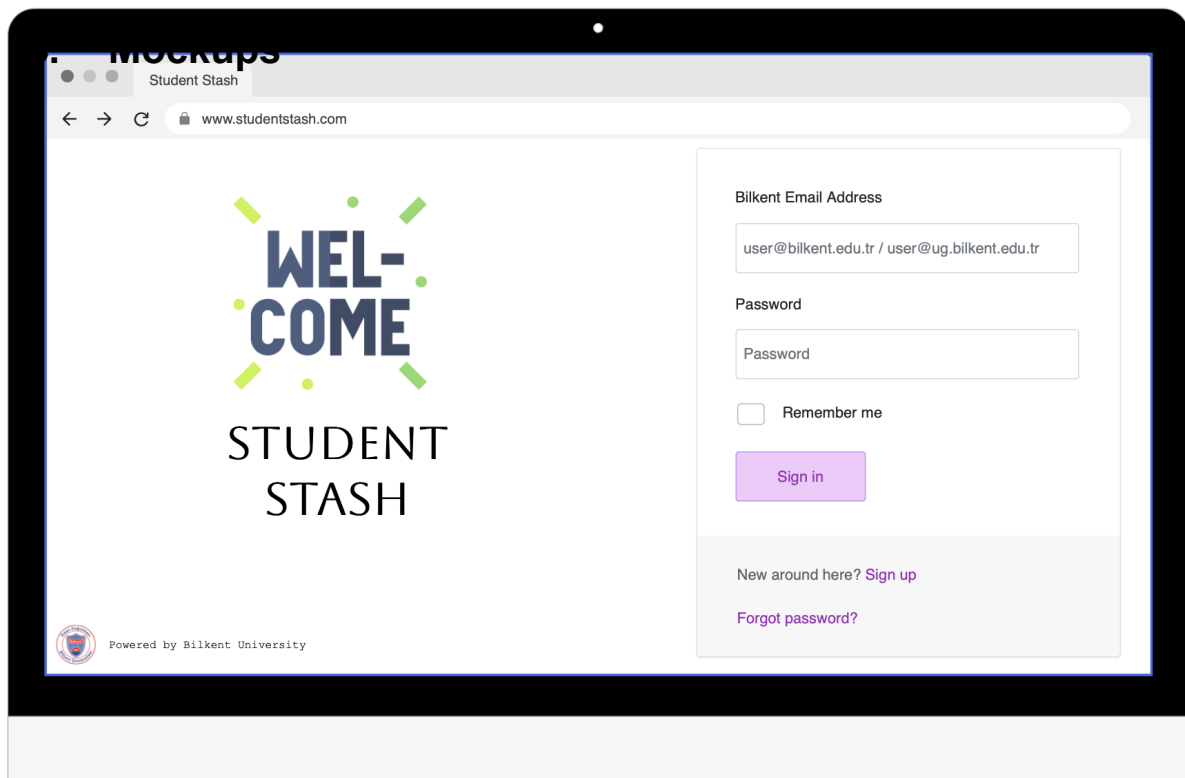
SecondHandListing: SecondHandListing is a child class of Abstract Listing Class. This class has price and condition properties additional to its parent class.

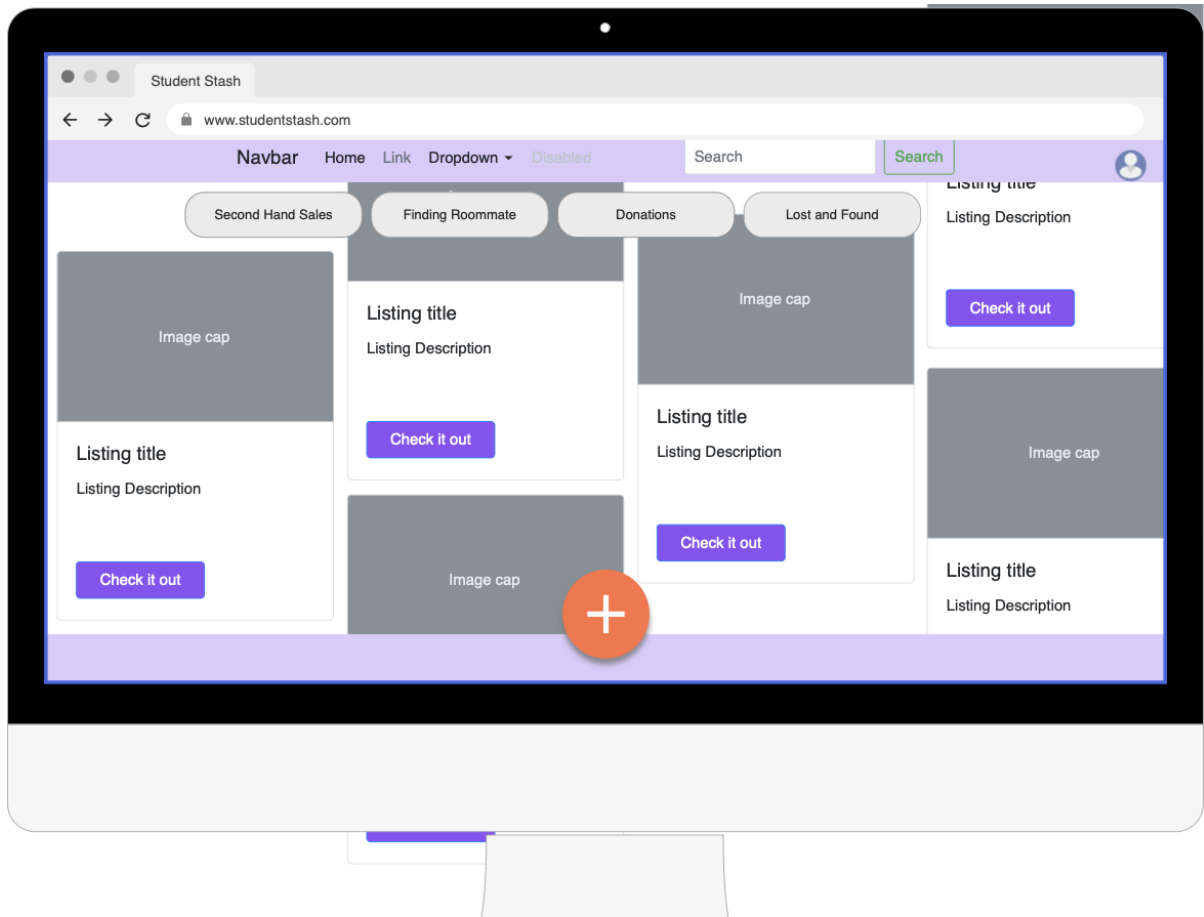
ActivityBuddyListing: ActivityBuddyListing is a child class of Abstract Listing Class. This class has date and place properties additional to its parent class.

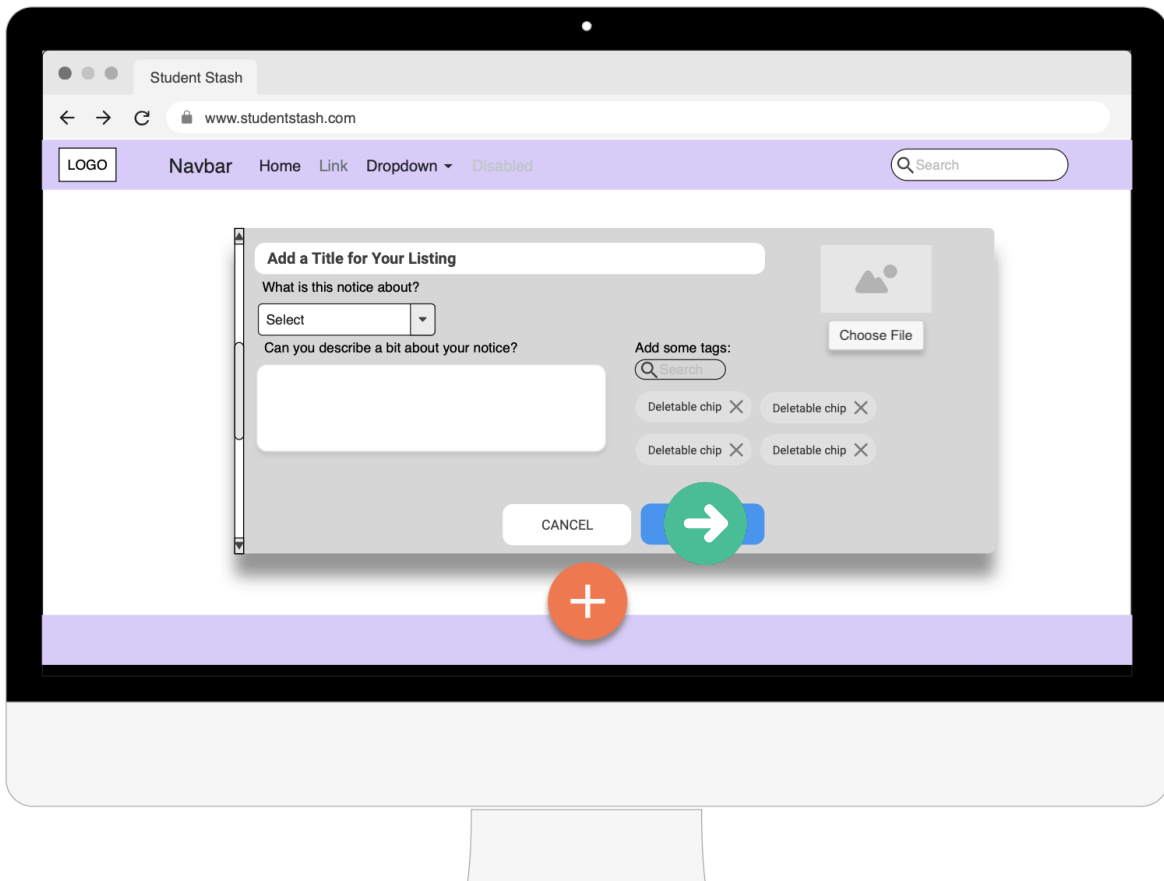
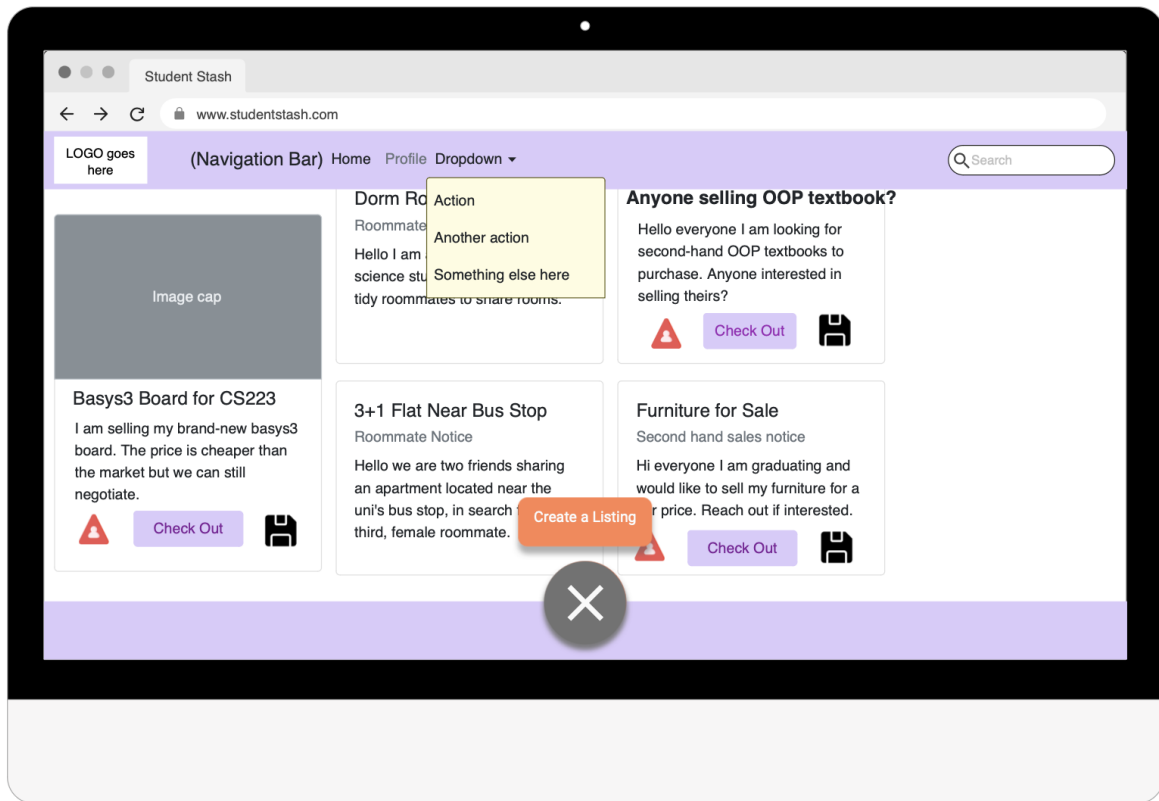
DonationListing: DonationListing is a child class of Abstract Listing Class.

Lost&FoundListing: Lost&FoundListing is a child class of Abstract Listing Class. This class has date and place properties additional to its parent class.

4. MockUps







Second hand sales listing

Student Stash

www.studentstash.com

Navbar Home Link Dropdown Disabled Search Search

Select Status of Usage: Select

Price: TL

CANCEL Create

Second hand sales listing

Student Stash

www.studentstash.com

Navbar Home Link Dropdown Disabled Search Search

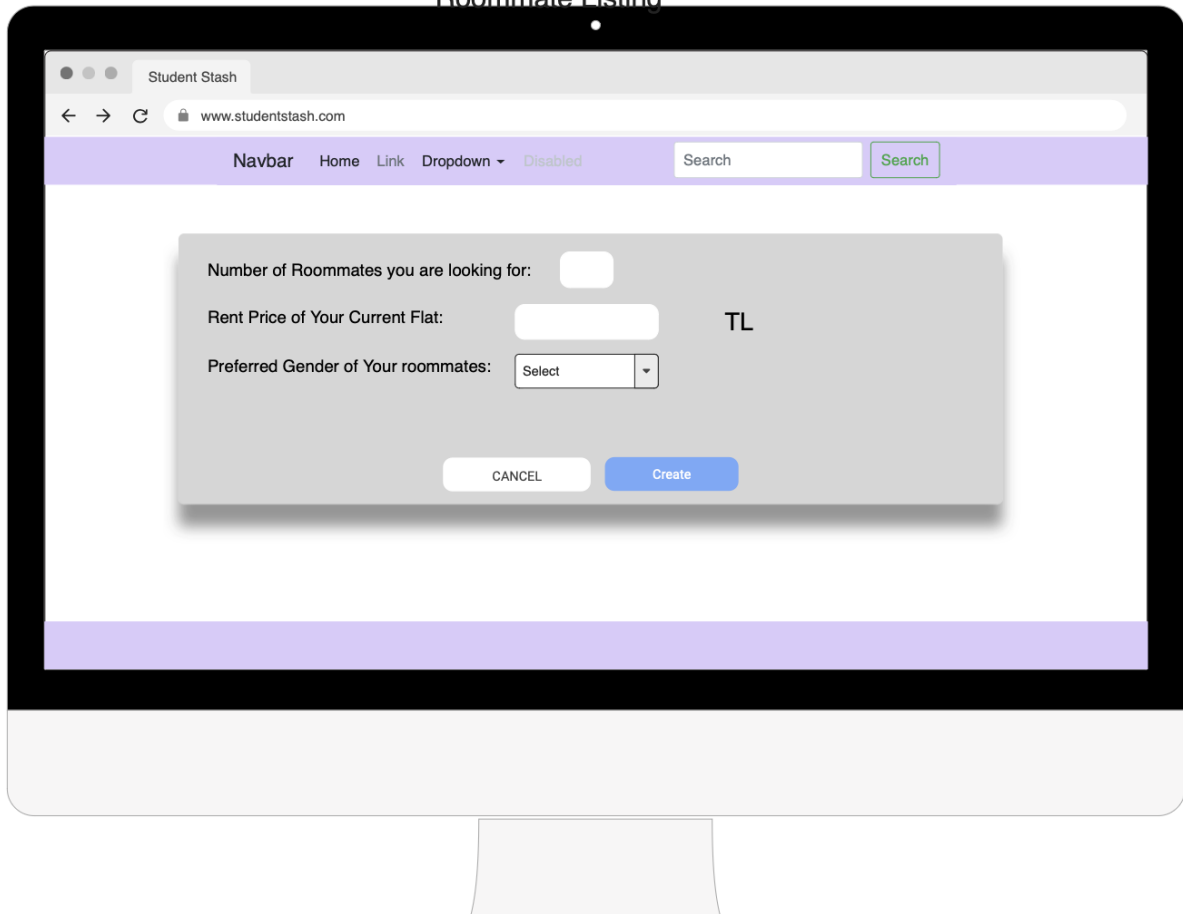
Select Status of Usage: Select

Price: TL

Not Used and New
New
Barely Used
Used a lot

CANCEL Create

Roommate Listing



Roommate Listing

Student Stash

www.studentstash.com

Navbar Home Link Dropdown Disabled Search Search

Number of Roommates you are looking for:

Rent Price of Your Current Flat: TL

Preferred Gender of Your roommates:

Female

Male

Non-Binary

Type in custom

CAN create

Lost and Found Listing

Student Stash

www.studentstash.com

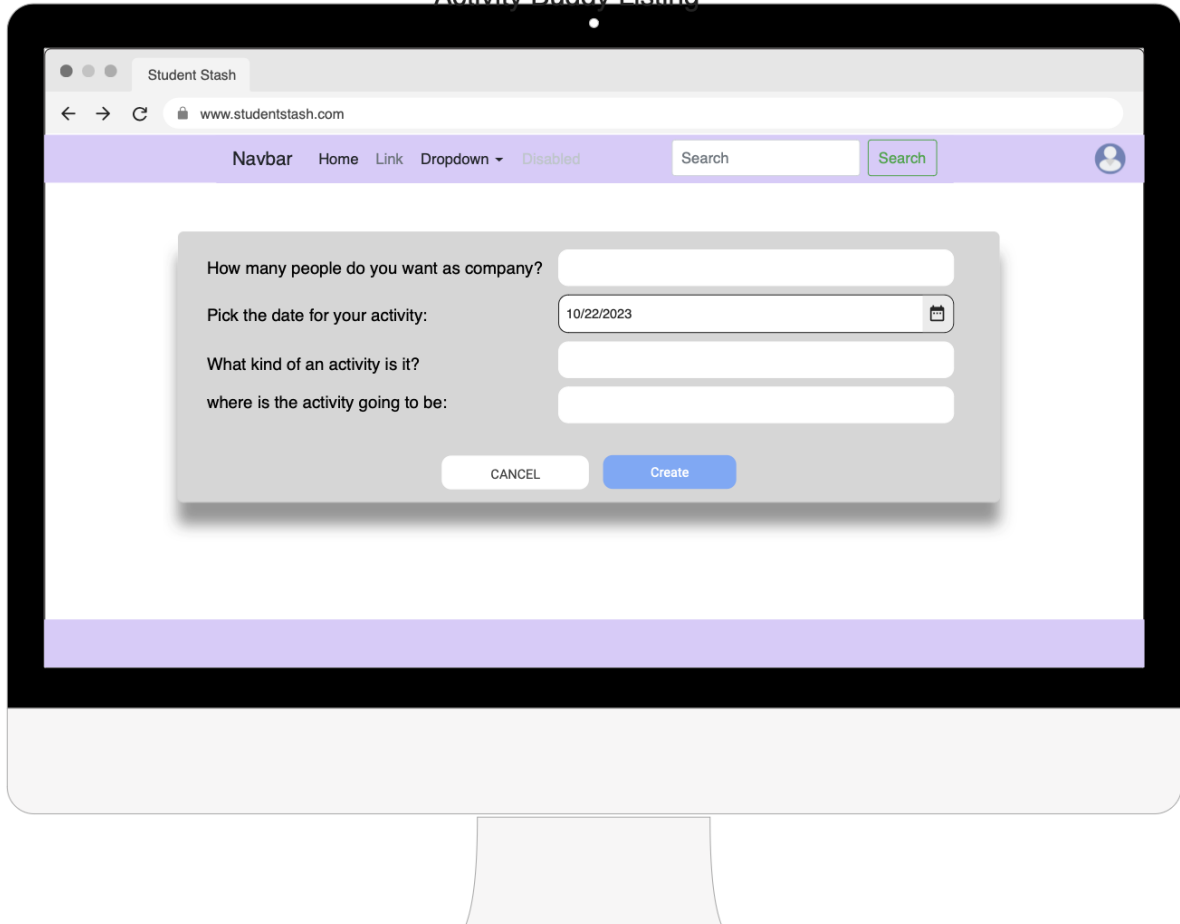
Navbar Home Link Dropdown Disabled Search Search

Where do you think you lost/found the item?


Enter the date when you lost/found the item:

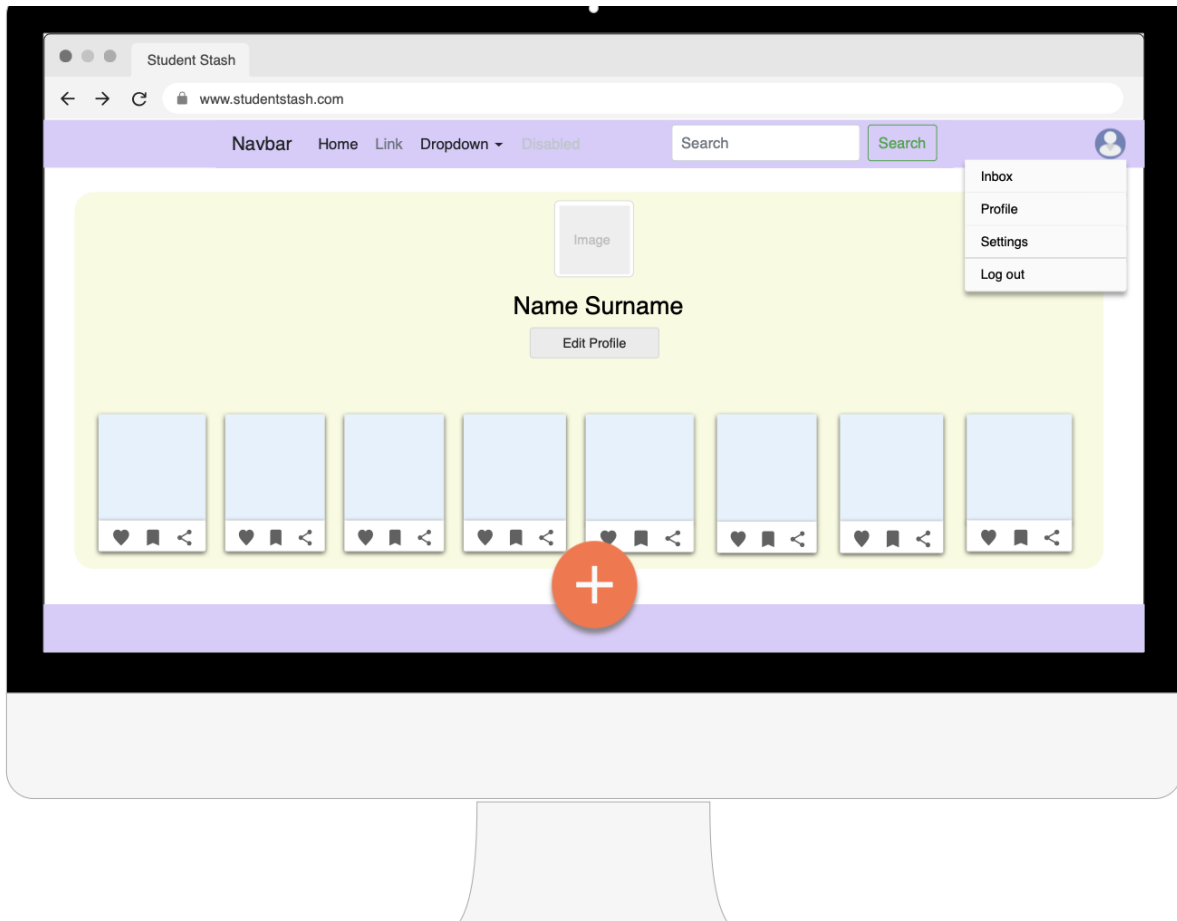
CANCEL Create

Activity Buddy Listing

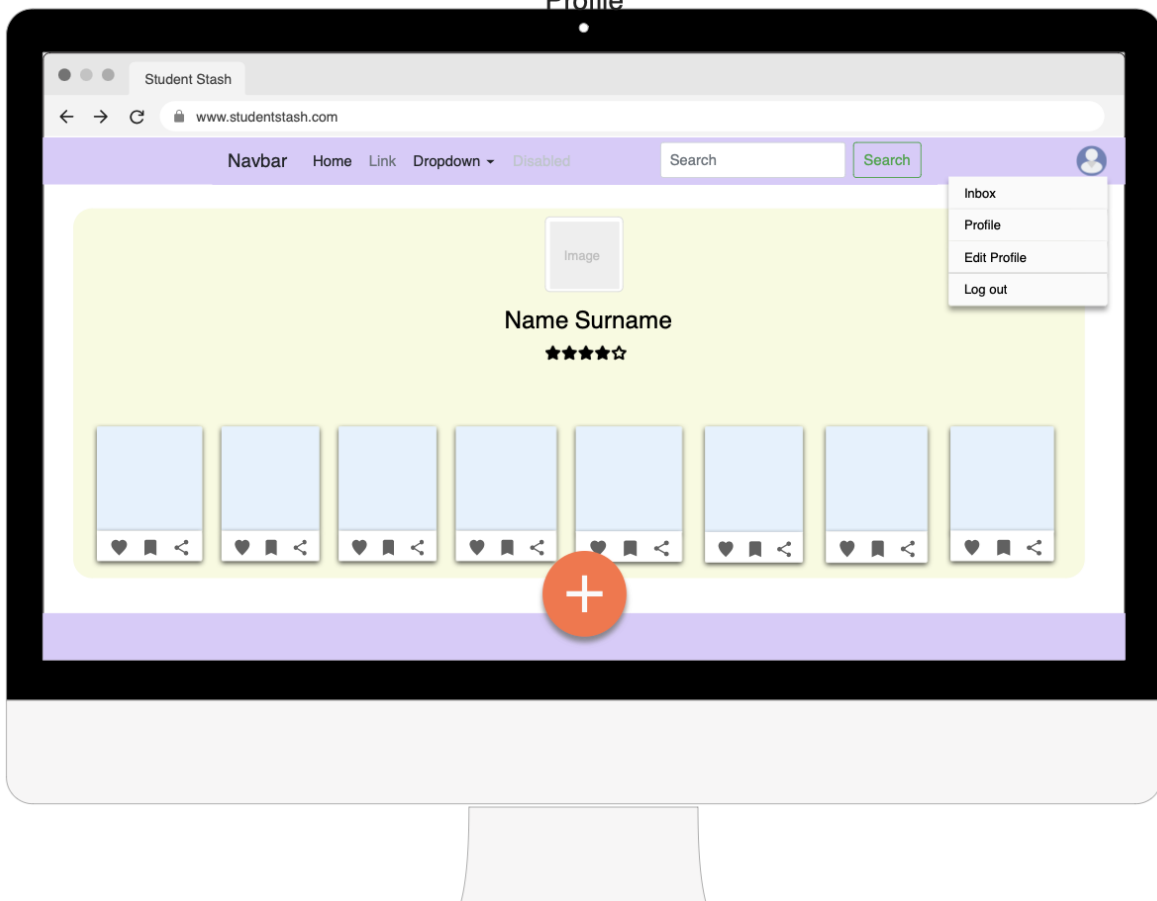


The image shows a computer monitor displaying a web browser window. The browser's address bar shows the URL "www.studentstash.com". The page has a purple header bar with a navigation menu containing "Navbar", "Home", "Link", "Dropdown", and "Disabled". There is a search bar with the text "Search" and a green "Search" button. A user profile icon is visible in the top right corner. In the center of the page, there is a grey modal form with the following fields and buttons:

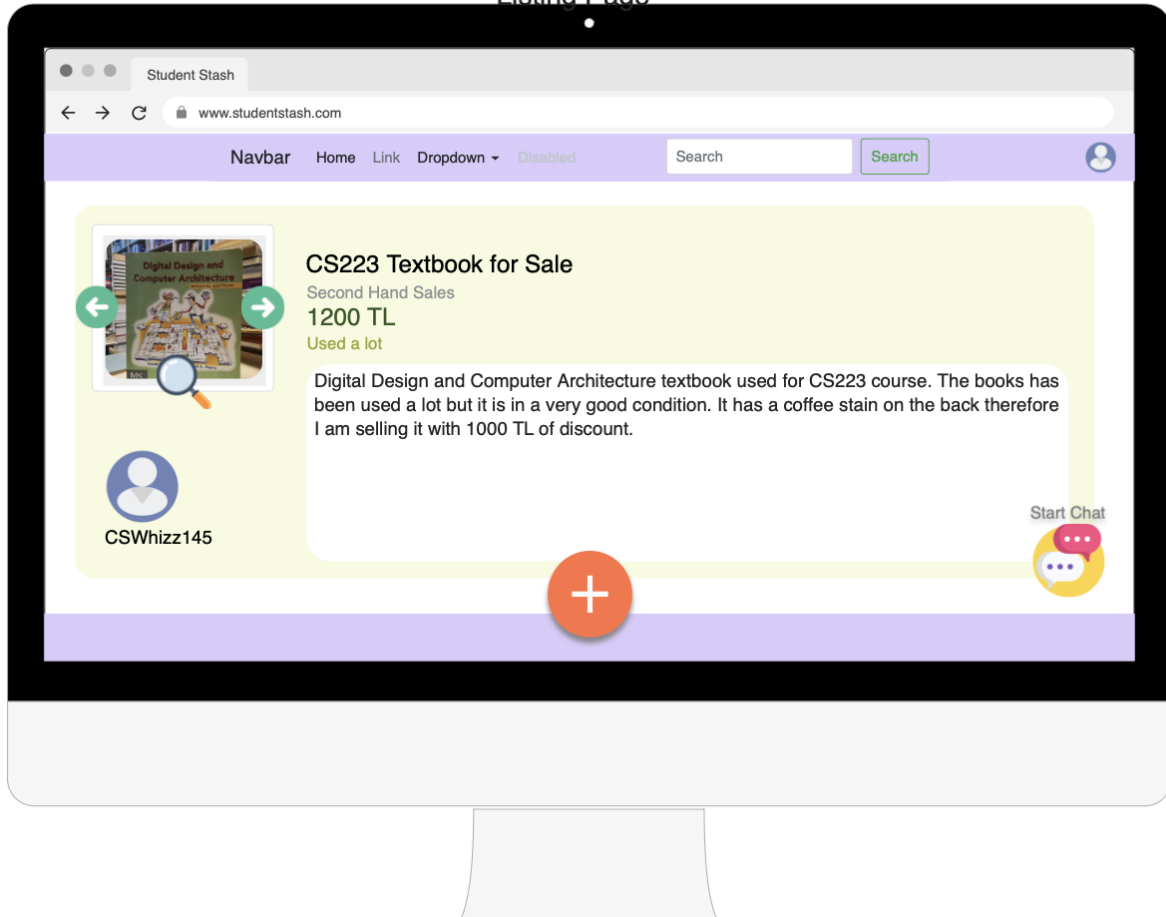
- How many people do you want as company?
- Pick the date for your activity: 
- What kind of an activity is it?
- where is the activity going to be:
-



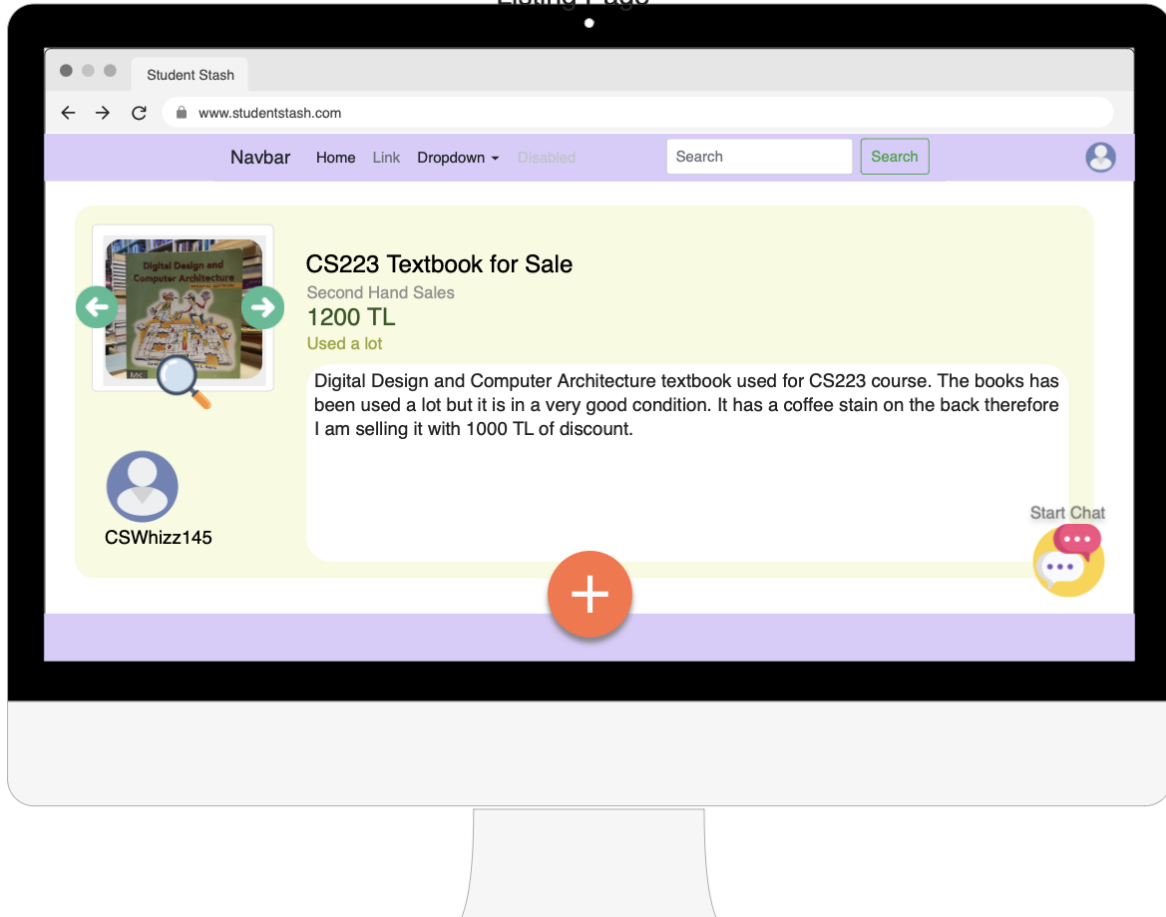
Profile



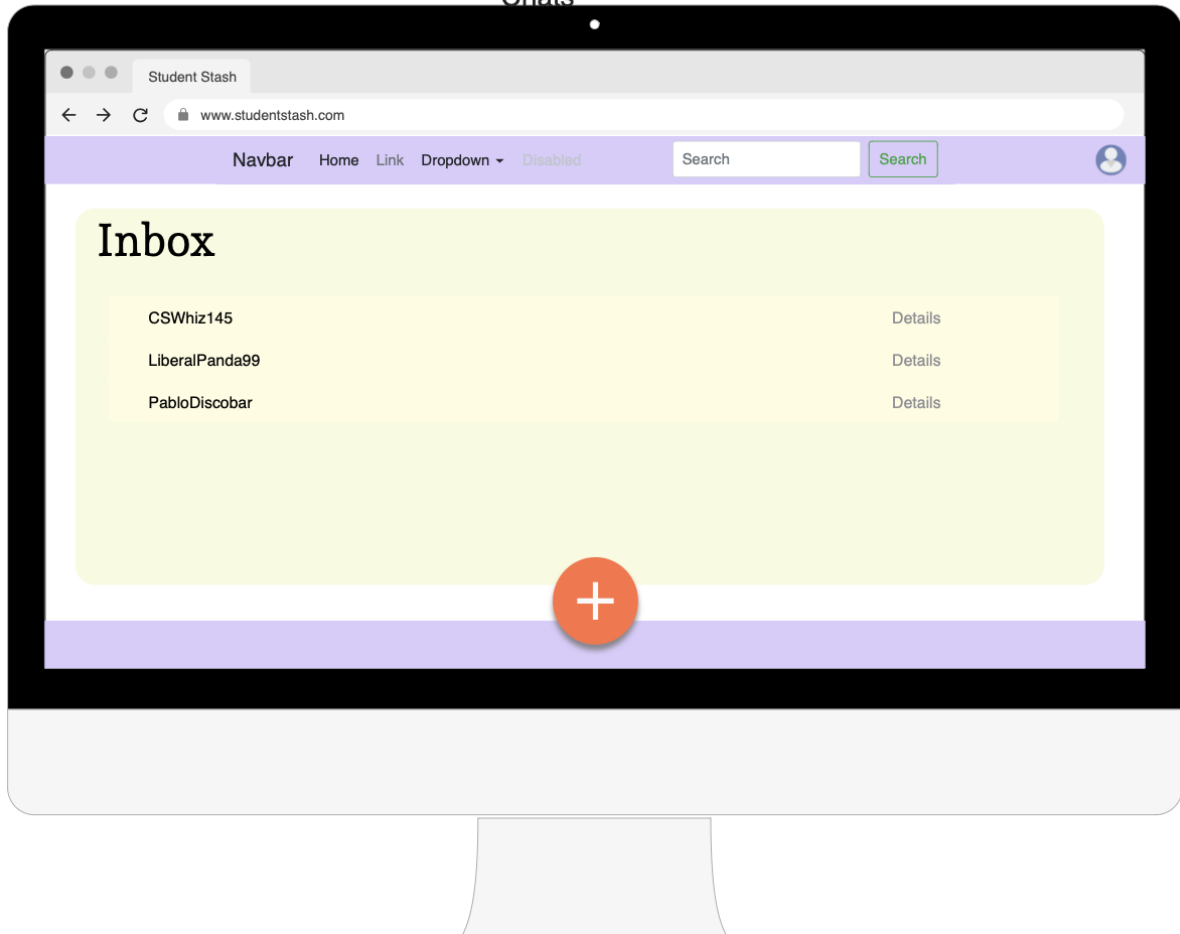
Listing Page

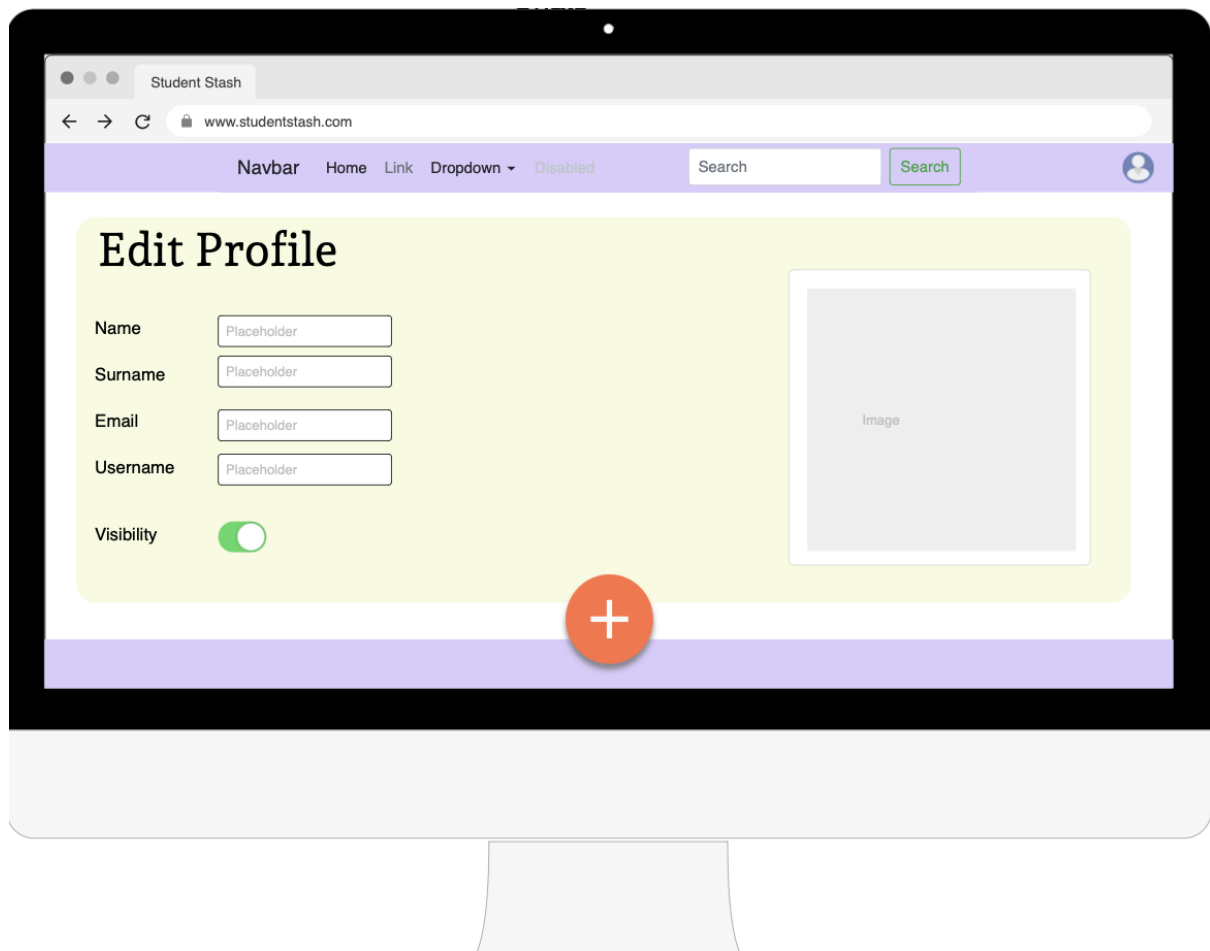


Listing Page



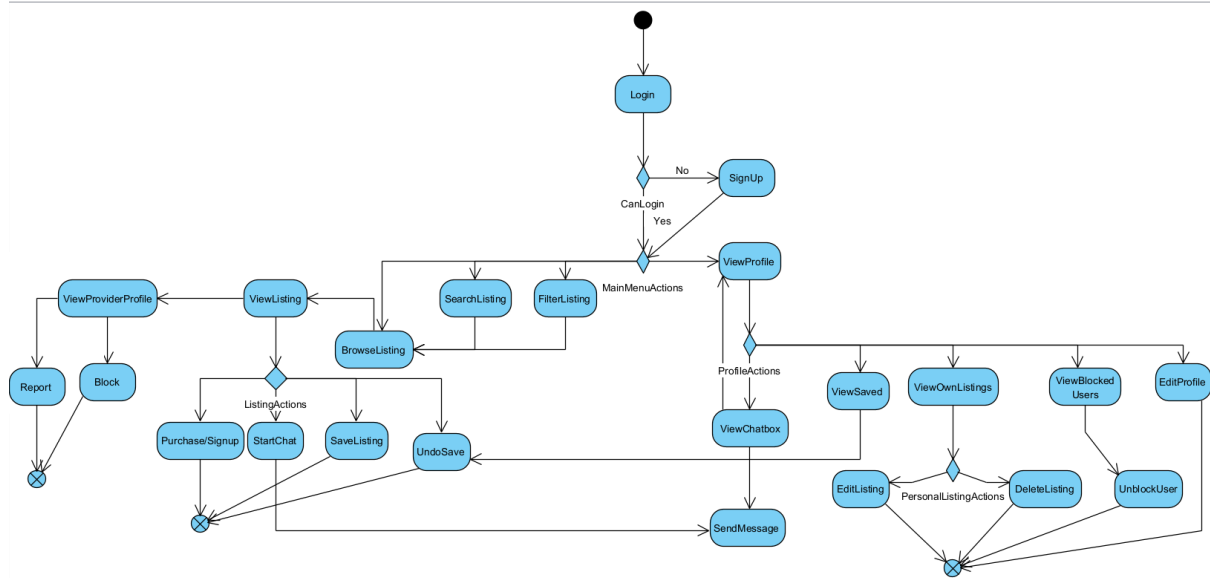
Chats





5. Activity Diagrams

5.1 Provider/Beneficiary Activity Diagram



5.2 Admin Activity Diagram

