

# Lab 10 - Kickstart

## 1. Team Number: 3

## 2. Team name

Buff Bytes

"All byte, no bite"

## 3. Team Members

- Sean Carter - Github: Collisteru - Email: [seca6364@colorado.edu](mailto:seca6364@colorado.edu) – (303)-434-2272
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## 4. Application Name

Buff Herd

## 5. Application Description

An accessible web application for CU students. This app would replace the disarrayed constellation of club Discords, Piazza posts, and Canvas forum posts with a united space for CU students to socialize, coordinate meetings, and discuss academics. Verified professors and staff members can answer questions and provide clarifications.

Feature List

### Essential Features (Done in Two Weeks):

1. Basic UI – 3 Difficulty
  - a. Homepage
  - b. Registration Page
  - c. Login
  - d. Topic List Page
    - i. New Topics – 3 Difficulty

1. Like/Dislike button to rank topics in each category - 1 Difficulty
  - e. Topic Viewing Page
2. Database of Users (and attributes), Posts, Comments – 3 Difficulty
3. Nesting Topics – 3 Difficulty
  - a. Reply to a specific conversation - 1 Difficulty
4. Map Integration – 2 Difficulty

#### **Other Features: (Ranked from Most to Least Essential)**

1. Profile Page – 1 Difficulty
  - a. Upload a Photo
  - b. Short Description
  - c. Major + Classes Taken
2. Administrator/Staff Accounts – 2 Difficulty
3. Schedule events (study group, concert, etc.) - 3 Difficulty
4. Repost CU Boulder Social Media – 2 Difficulty
5. Content Detector (Maybe through AI, maybe through mods) – 5 Difficulty
6. Buff Herd Integration with Canvas – 3 Difficulty(Vague)
7. Messaging user w/ email upon receiving a message/ DM (optional) – 1 Difficulty Point
8. Automatic class links – 1 Difficulty
9. Online petitions – 1 Difficulty

#### **6. Vision Statement**

To be CU's town square, where students can communicate with peers and professors in a safe, integrated environment that serves the needs of all groups at the university.

#### **7. Version Control**

[AlexL51/RECITATION-016-TEAM-3-BuffBytes \(github.com\)](https://github.com/AlexL51/RECITATION-016-TEAM-3-BuffBytes)

#### **8. Development Methodology**

- Project Board Link: [BuffHeard \(github.com\)](https://github.com/BuffHeard)

#### **9. Communication Plan**

We will communicate through a private server in Discord with different channels to classify our topics. We'll use SMS for announcements like reminding people when to meet, etc.

## **10. Meeting Plan**

- Team Meeting: Identify the day(s) and time(s), mode, and location your team has agreed upon for regular meetings. "Modality" refers to how you are meeting (face-to-face), group video chat (like Zoom, Google Meet), etc.
- Weekly meeting with TA: You will also mention the meeting day, time and location (physical or online) for the weekly meeting with your TA here.

Team meetings: Monday 5:15 pm, 11:30 am on Tuesday,

TA meeting: 11:15 am on Tuesday

## **11. Use Case Diagram**

- See attached pages

## **12. Wireframes**

- See attached pages

# Appendix:

## Section A: Alternative Product Ideas

~~1. A website for chess or another board game that uses a database to store the progress of games and user rank.~~

**2. A forum app with a focus on a specific subject. Ideas could include mental health, writing, sports, and many others.**

~~3. A website that connects to the YouTube API to allow you to download the YouTube video of your choice given its URL.~~

~~4. Christmas All Year: You enter your budget and shipping/CG information and this web app will search for a random cart of products using your budget and sending it to your house without the customer knowing what they get until it arrives.~~

~~5. Personality March Madness Quiz: People will fill out a personality quiz like some buzzfeed type shit and the API will make a NCAA bracket that uses the answers to weight probabilities as to which teams move win and lose.~~

~~6. Connect 4: A connect game platform where players match against opponents and make one move a day until one person wins.~~

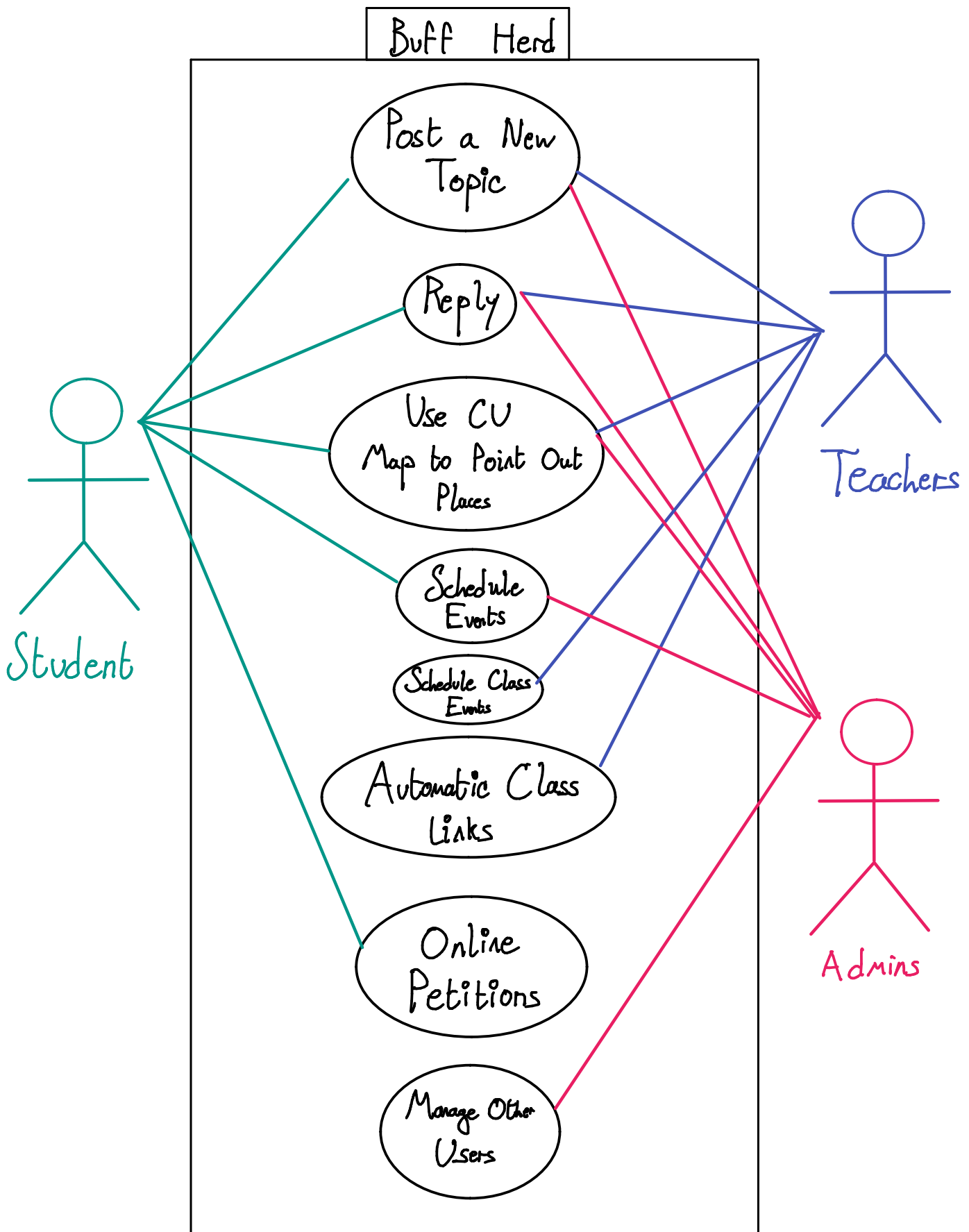
~~7. My Reading: Using OpenLibraryAPI we let users access a database of books where they can review, add to favorites, add to reading list, etc. Then we can recommend books that other similar users have enjoyed.~~

~~8. Noob Tracker: Let dota players access their stats to see how well they've played, who they play with the most, how long they have played and other information that they may find interesting.~~

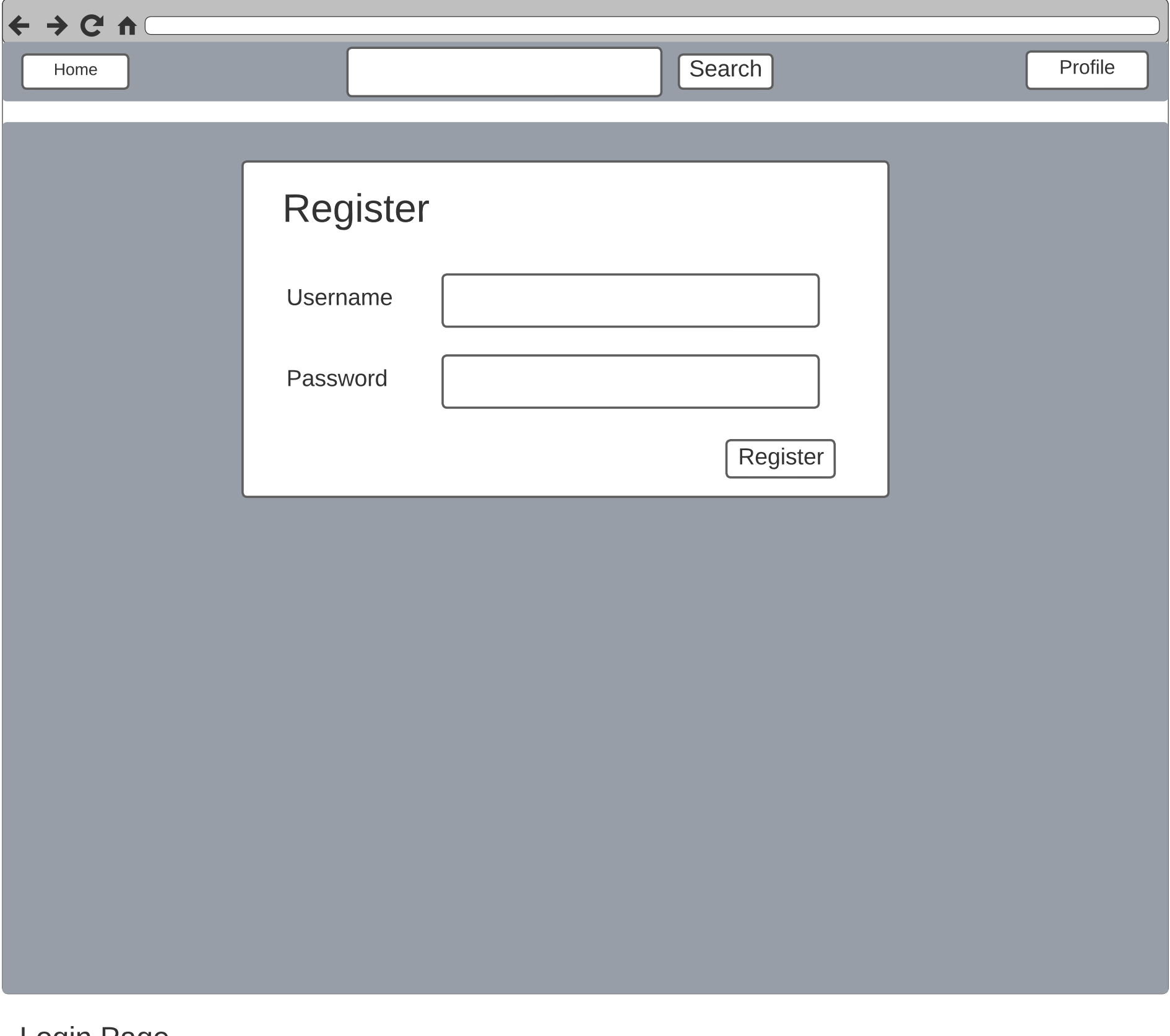
~~9. Music Match: Match users based on their likes and dislikes in music using the spotify api to access their follows and their top listened songs/albums/artists~~

# Buff Herd

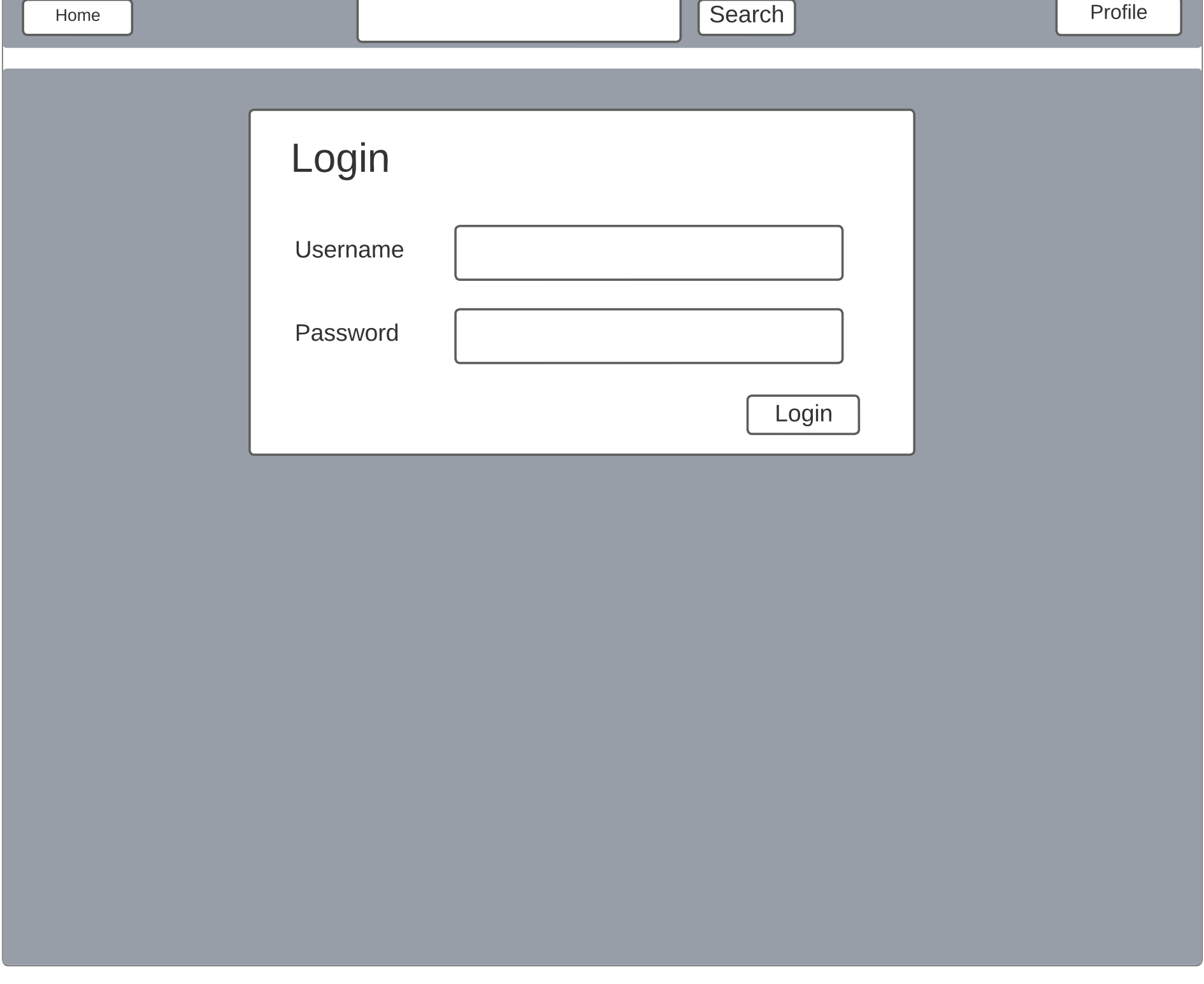
## Use Case Diagram



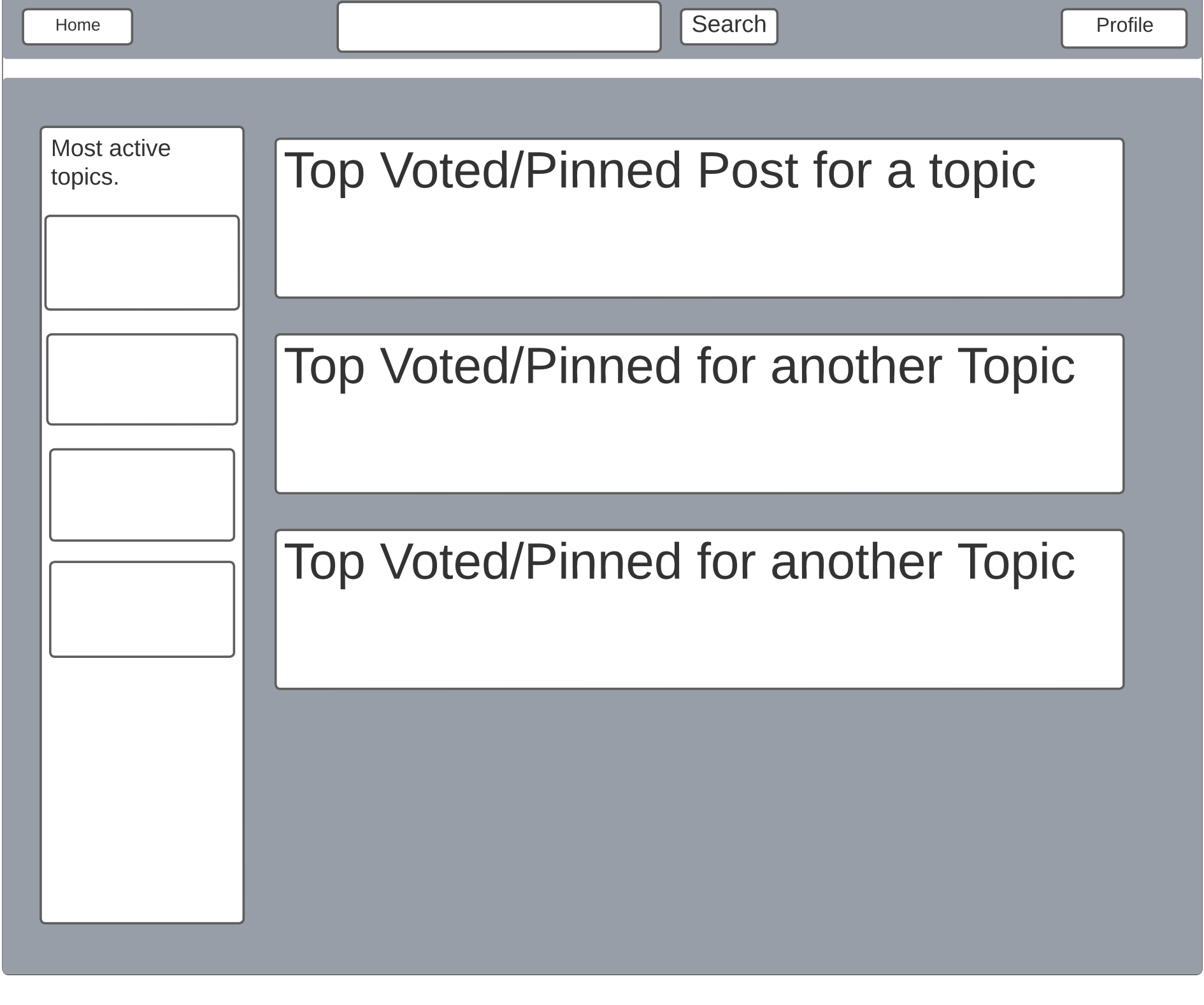
Register Page



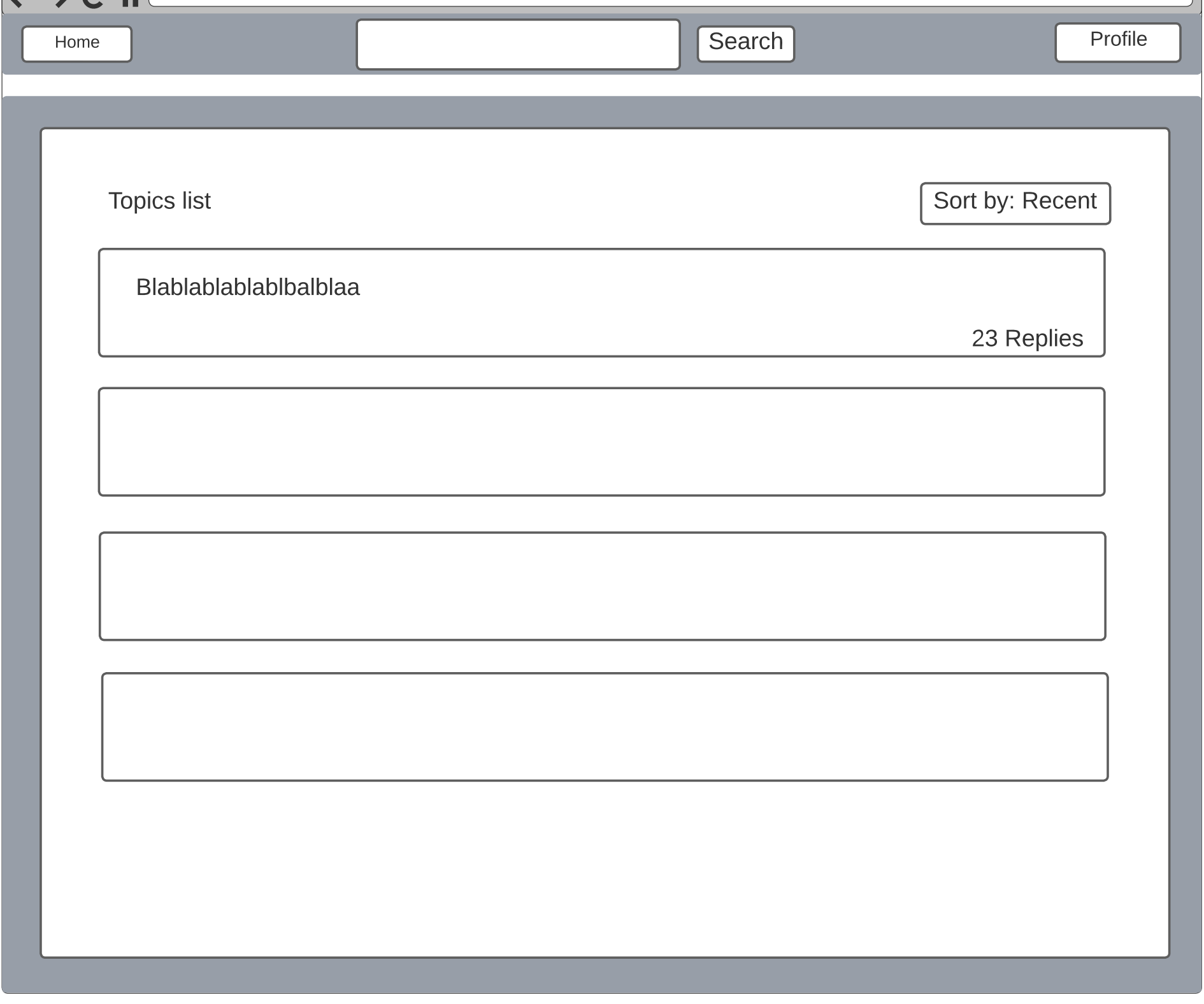
Login Page



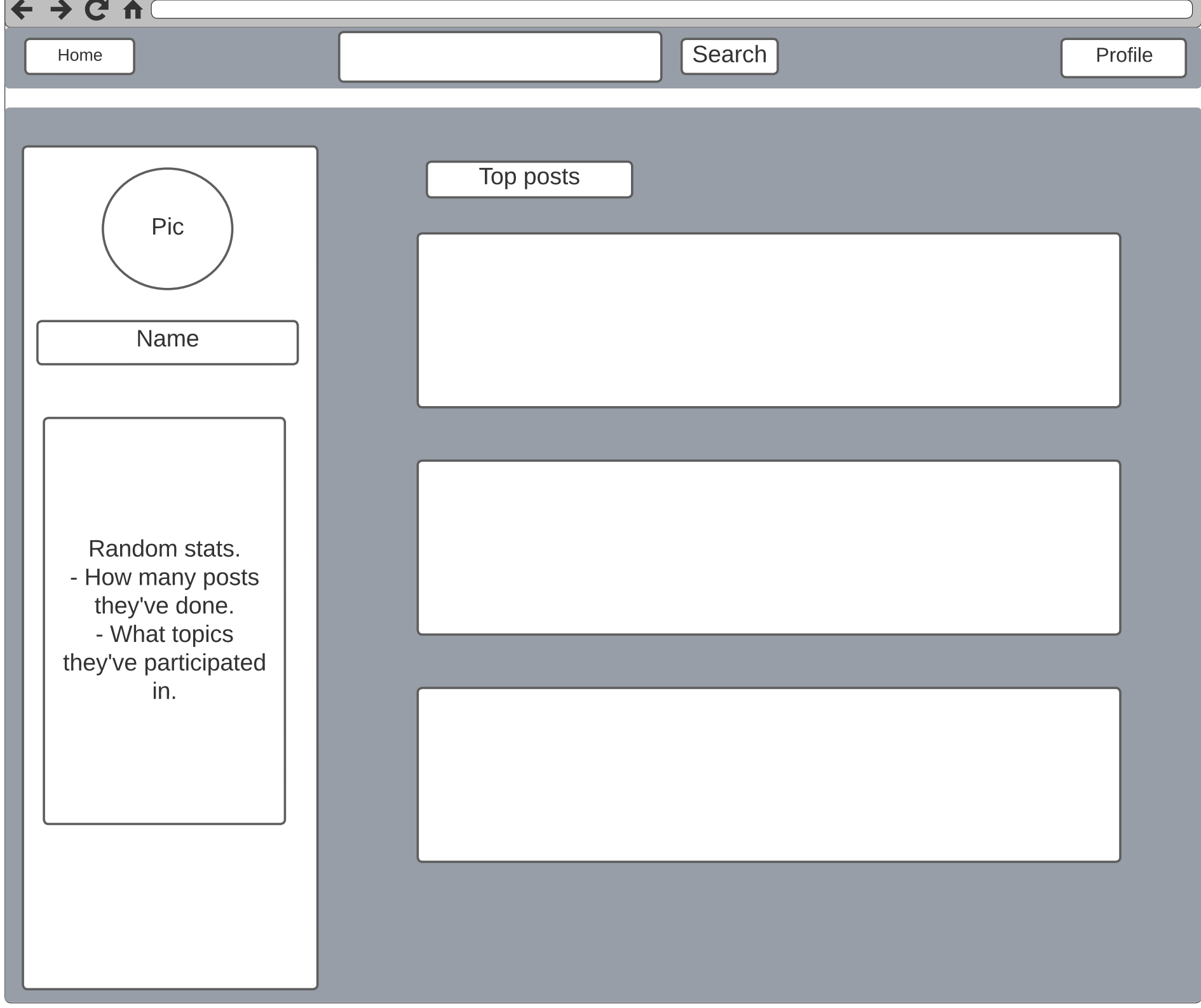
Home page



Topics list



Profile Page



Topic replies page

