

**COSC 360 - 001**  
***Web Programming***  
2022/2023 Winter Term 2

**Project Topic Number: 2**

**Word on the Street**



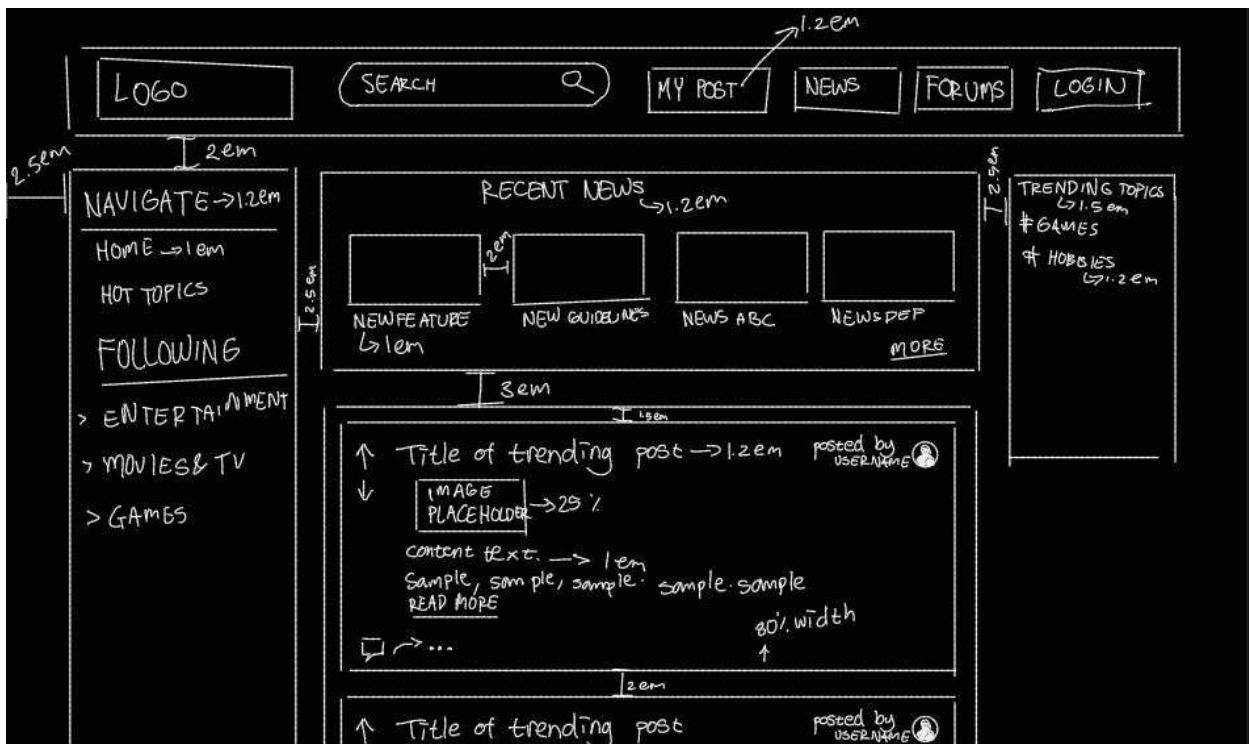
**Group Members:**

Adrian Ardika Kusuma - 83150367

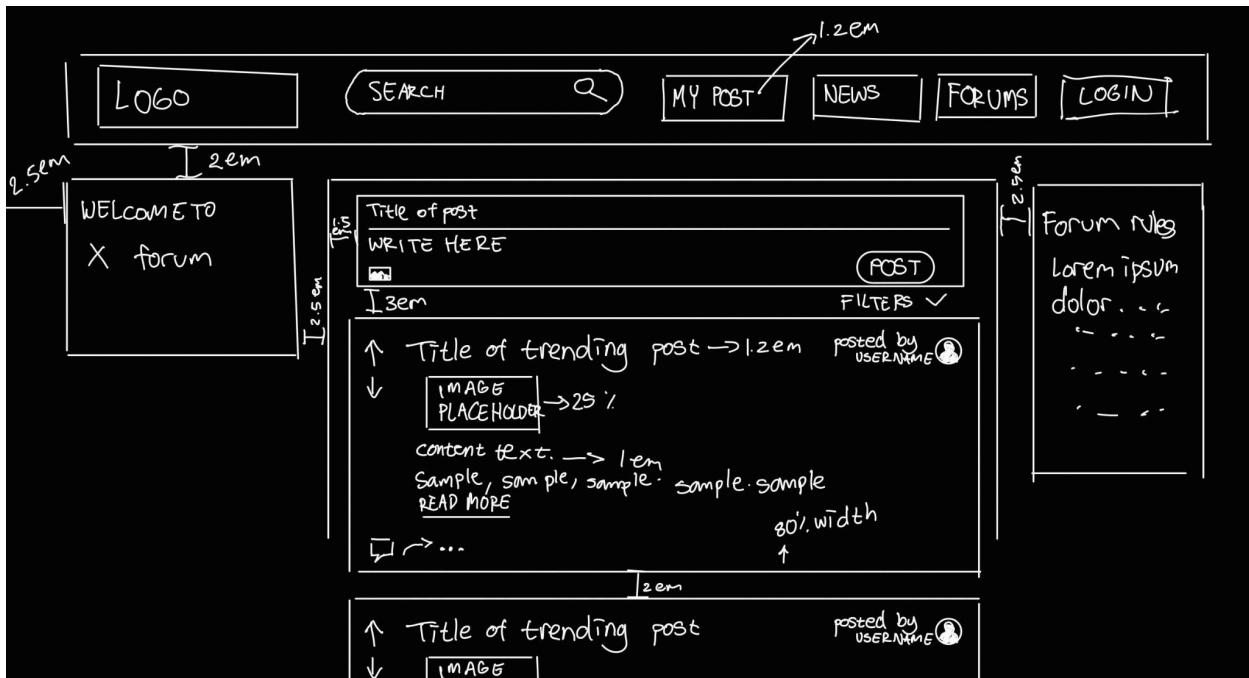
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## Layout document

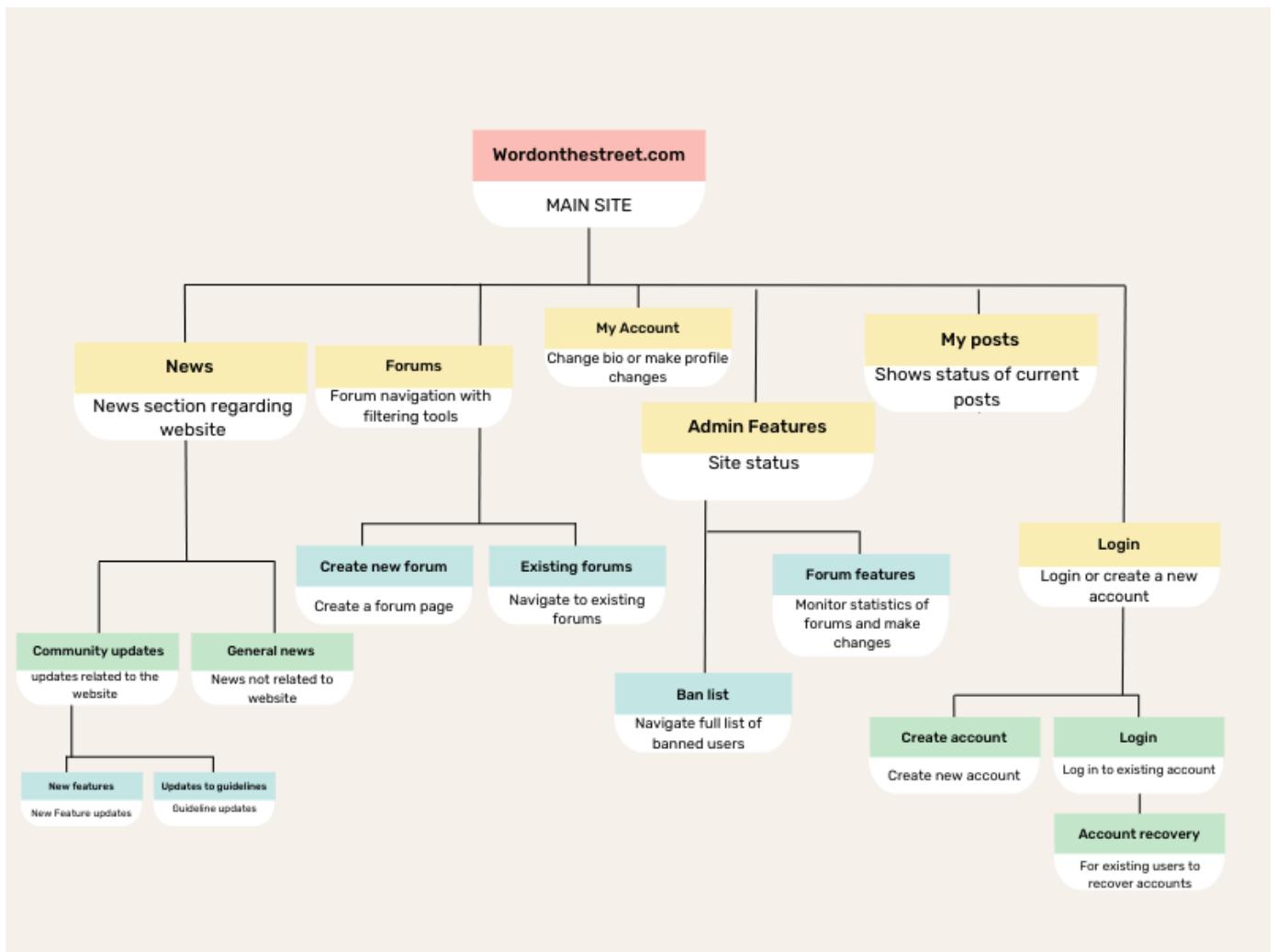
Main page:



Forum specific pages: Technology page

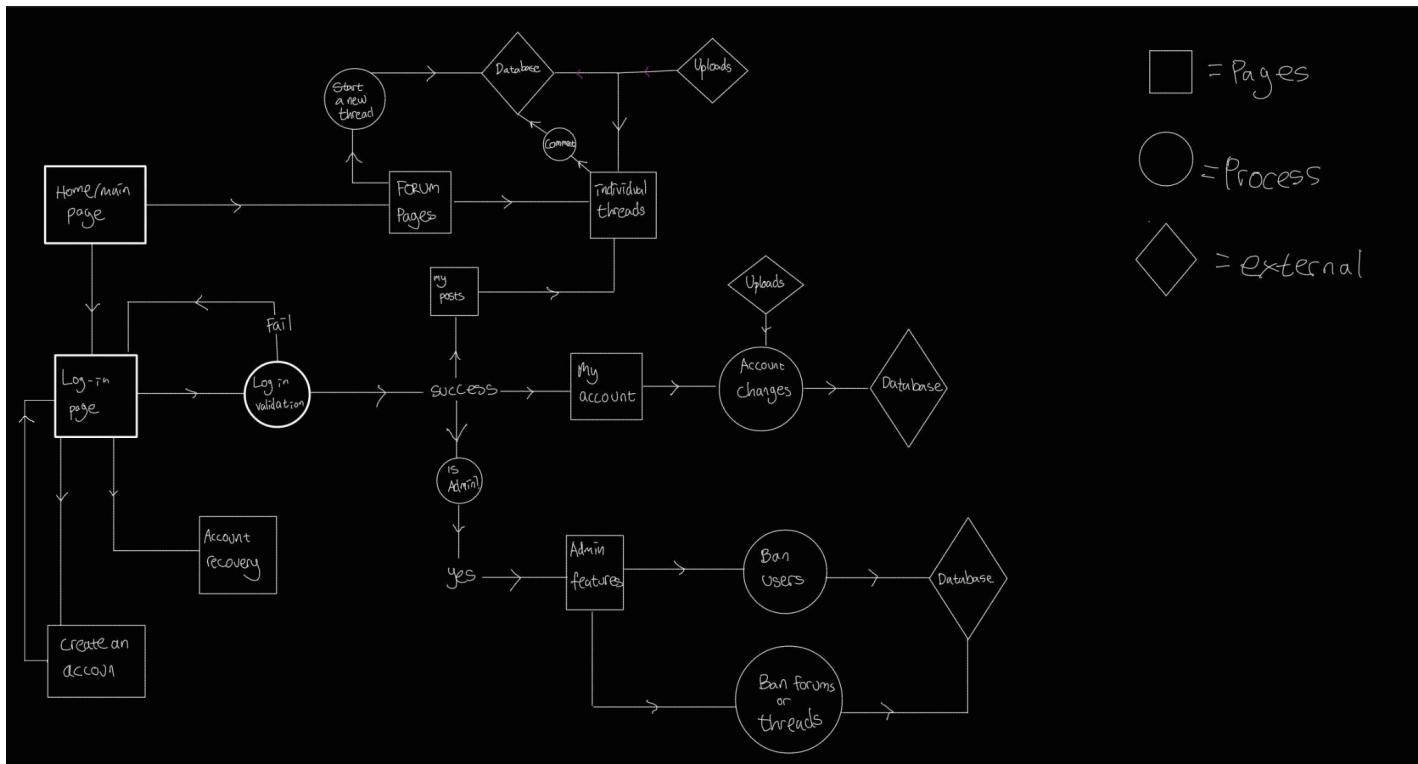


## Organization of pages (How are pages linked? – site map)



Above is a visual representation of how our website will be organized. The website's home page can access all the other pages and functions through a series of choices. Closely related pages such as general news and community updates are grouped under the news page for intuitive design.

## Logic process



The graph above shows the logic process of how users will engage with the site. Users will start at the home/main page. Then, users are able to either log in through the log in page or browse forums. However, to access features like posting users must log in. Logging in also allows users to comment on individual threads. Furthermore, to access admin functionalities as an administrator users will have to log in. Each account goes through admin validation, if they fail then they will not be allowed to access admin functionalities.

### Discussion regarding the design and styles of all pages

- Each page will always have our website logo on the top left.
- Each page will have a directory section showing where users are on the site and parts of the sites they can visit along with a login button

### Client-side validation:

When users are logging into their accounts or making accounts using email we can test for validation. The email section must have an '@' character and a '.' character. Furthermore, all fields will be checked for emptiness/null values.

Posting content is done by using a form. So users of the site must be logged-in and cannot leave the input empty if they want to post content.

### **Static design and styles of pages**

We decided to use conventional styles for our forum website. Users nowadays are very in tune with how some websites are expected to operate. For example, a content sharing website will showcase popular videos or pictures. We take a similar philosophy and we researched several forum-based websites and we take designs that work from each of the and implement it into our own website.

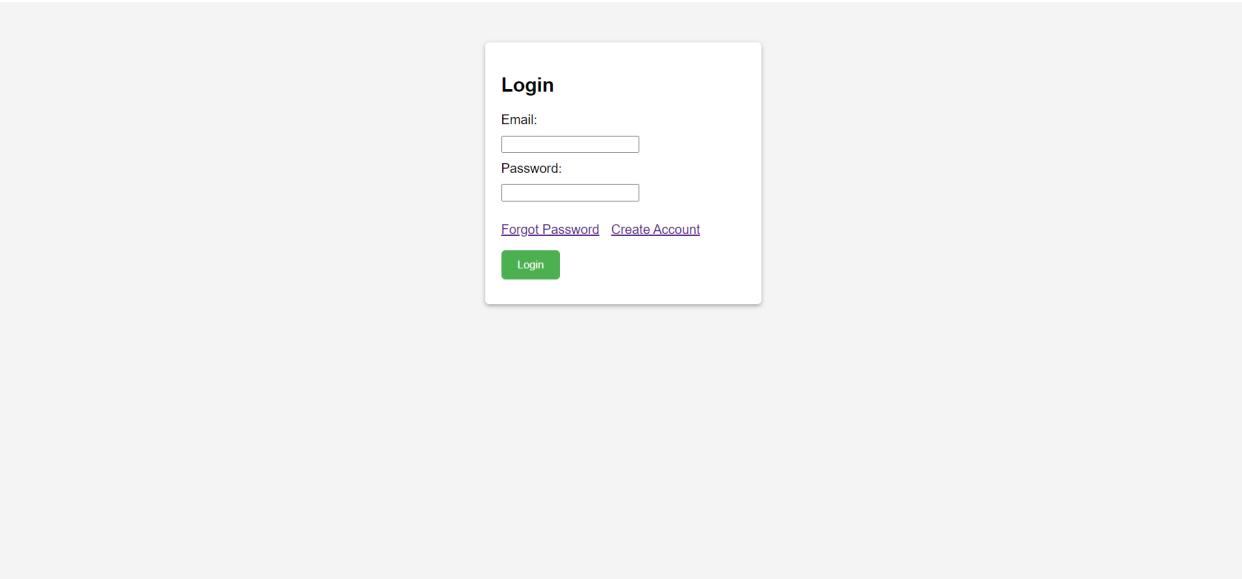
We place emphasis on popularity of posts. People want to see what's popular. Therefore, on the majority of our webpages we design the page to emphasize popular posts as it will be the first thing users see. However, we do place filters in proper places to add accessibility for less popular or newer posts.

Aside from emphasizing popularity we also emphasize user control and freedom. Users like it when they know where they are and what they're doing. So we designed the page to be as intuitive as possible and let users know what part of the page they're at.

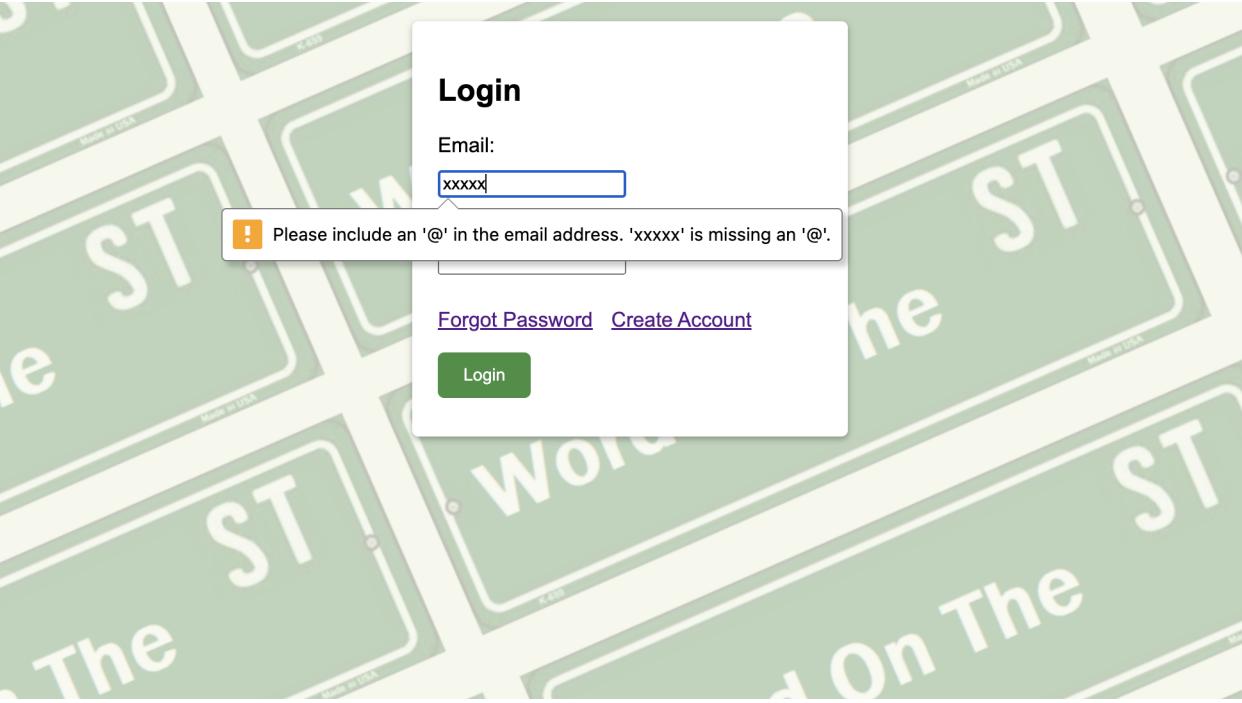
In terms of color choice we decided to use a darker color for menus as it's easier on the eyes. Users have gravitated towards more of a "dark mode" design in recent years and we would like to implement something similar to that further down the line.

## Examples of each page type in your proposed site

Account management:

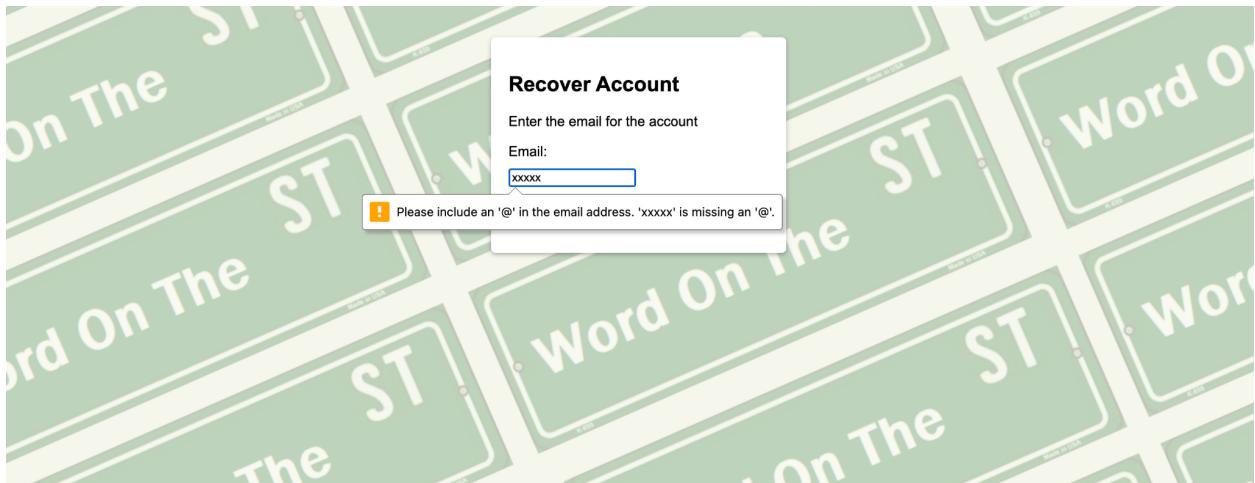


A large, light gray rectangular placeholder area representing the account management form.

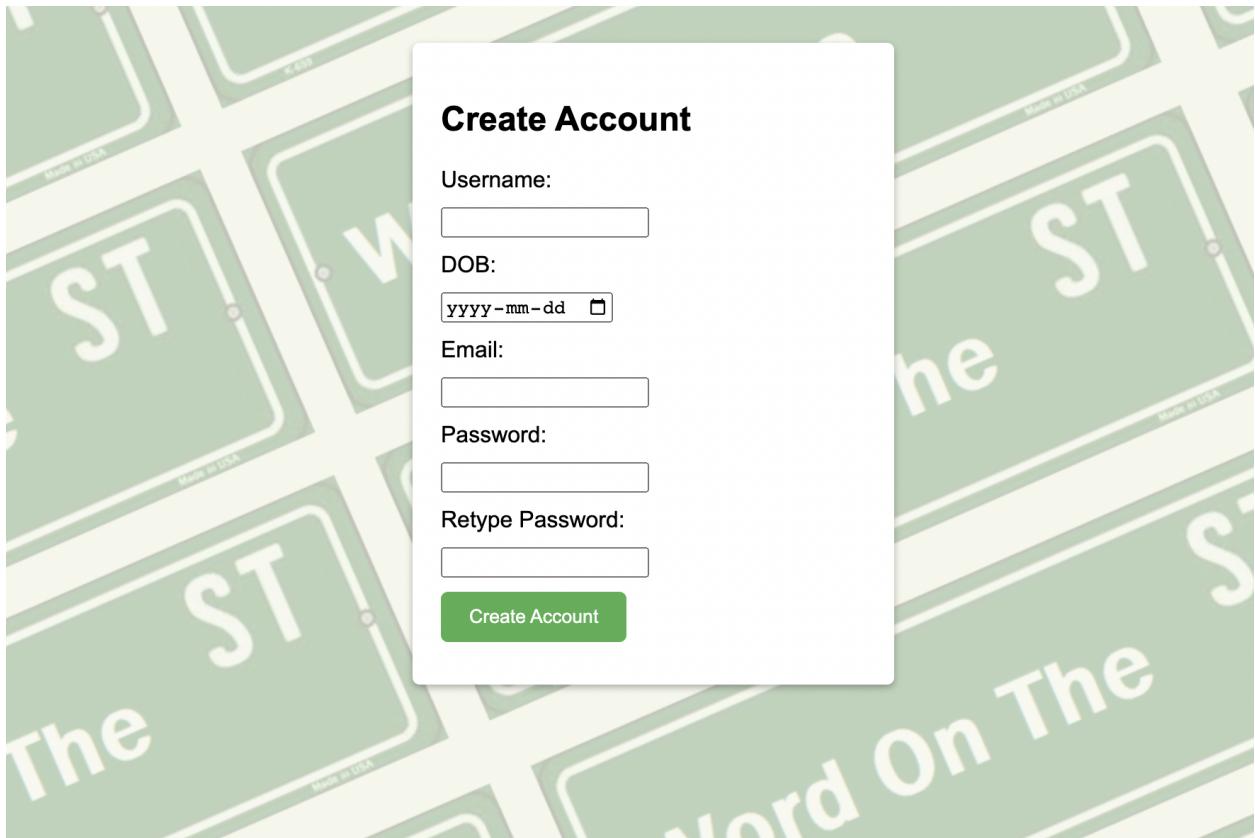


A login form window overlaid on a background of green street signs. The form contains fields for Email and Password, and links for Forgot Password and Create Account. A validation message box is displayed, stating: "Please include an '@' in the email address. 'xxxxx' is missing an '@'." The background features a repeating pattern of street signs with the word "The" and "ST".

Form will ensure you correctly enter values and ensure values are filled and will prevent submission.



Recover form also has the same prevention, ensuring the user correctly types out an email in email format.

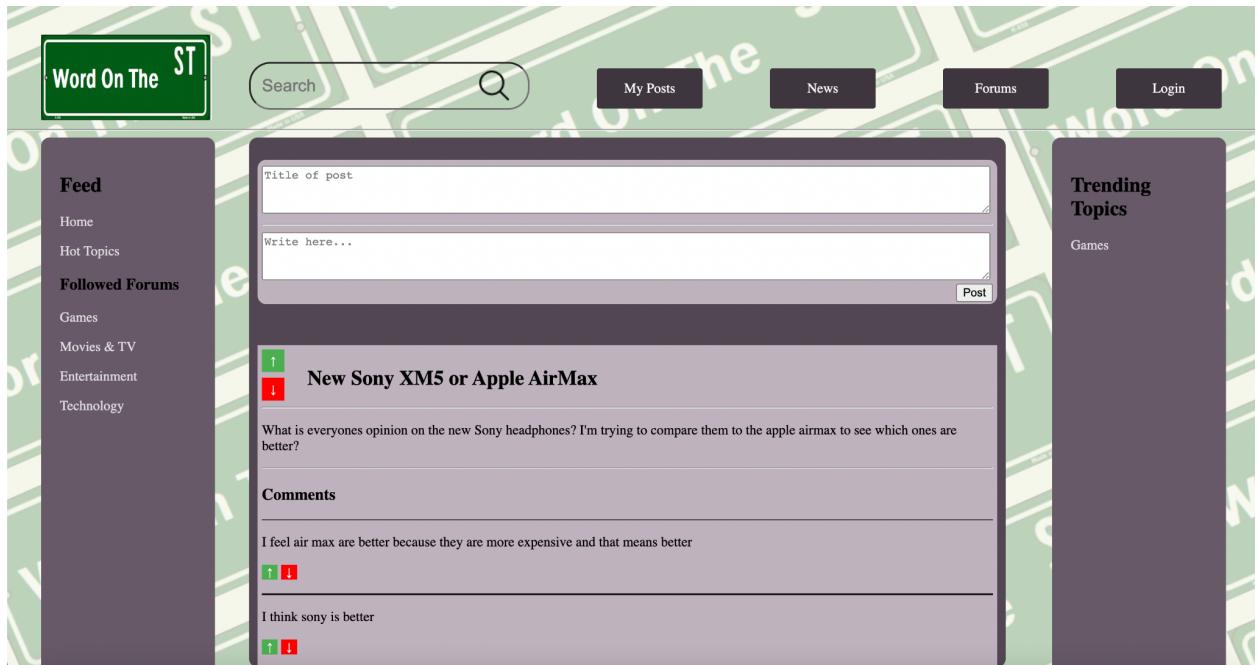


Each cell in the create account is also required and the user will require to have all the fields filled in to proceed.

## Main page and forums section:

The screenshot shows the main page of a forum website titled "Word On The ST". The top navigation bar includes links for "Search", "My Posts", "News", "Forums", and "Login". On the left, a sidebar titled "Feed" lists categories like Home, Hot Topics, Followed Forums (Games, Movies & TV, Entertainment, Technology), and a "Comments" section. The central content area features a "New Additions to Website" header with links to "New Features", "Community Guidelines", and "About". Below this is a post titled "New Sony XM5 or Apple AirMax" with a question about comparing Sony and Apple headphones. The comments section contains two entries: "I feel air max are better because they are more expensive and that means better" and "I think sony is better". A comment input field with placeholder text "Write a comment..." and a "Post Comment" button are at the bottom. A "Trending Topics" sidebar on the right lists "Games".

The main pages default would be all the forums the user follows. The users won't be able to post on their home page, but will be able to comment on the posts. You will be able to filter these posts by newest, oldest or most popular. The main page will also include information about the new features added to the site as well as the guidelines and information about the website. In every page, there will be a search option for users to search for forums using a relating term. For example, users can type iPhone to find different forums where iPhone was mentioned.



Here is an example of the technology forum. Users will come here to post new things about things relating to technology. Just like the main page you will be able to do all the same features except you won't have access to the new additions bar but users will be able to post.