

PostOfTheDay

Create and like posts, then see the top post of each day in the calendar.

Backend:

https://github.coecis.cornell.edu/bj254/hackathon_potd/

The app has three main views, a tableView for viewing all posts, a collectionView for viewing top posts from past days, and a regular UIView with a textField for writing posts.

Requirements:

SnapKit is used for AutoLayout.

There is one collection view and one table view

A tab bar is used for navigation

We integrated with our backend to create, store and get posts, as well as to present them sorted by both newest and most liked (hottest).

This app has some issues, but they mostly result from lack of communication between frontend and backend. Most of the time if one group wasn't busy, the other was, so the two groups ideas for the final product varied, and both had to make do with what the other made. Frontend had the original idea for the app, but they did not provide enough information (my bad) and so backend made some assumptions (some wrong, some right).

The primary example of this is the users.

Frontend did not plan on having any concept of users, just a collection of anonymous posts.

Backend thought that the app would have accounts (as most social media apps do), and so they implemented a system where posts require accounts.

Frontend added a way to tag your post with a username.

Frontend then realized that account names are needed to create posts, but are no longer tied to the post once created, so there is no way to display the username with the post.

As a result, there is a "username" field for posts, but the posts do not show up with any usernames when displayed.

We wanted access to all posts from the current day, but instead we display all posts total.

A similar situation happened with comments: backend wrote a commenting system, but frontend never planned on having comments, and as such they are unused.

In essence, both sides did a fine job at what they attempted, but neither understood exactly what the other wanted.

Posts from previous days cannot be liked.

There was no backend method to remove likes, so once you like a post, it is permanent. You know the motto: "It's not a bug, it's a feature."

There is no protection against liking a post multiple times.

Doing this properly would require more work on both frontend and backend, could add later.

Finally, the app is currently populated with a handful of random posts. Sorry that you have to read those.

At the moment, there is only one top post.

As days go on, the list of top posts should grow.

