

Project Presentation

Group 1

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Brief Introduction

We are extending the social network platform we've done for hw7. New features are added based on the homework version.

In our version, the posts will contain geographical location, support rich text editor to allow users customize the content and be set a privacy level (accessible to public > to a certain group > private).

A local stream will become possible due to the support on geo location, on which local news can also be fed depending on user preference.

At last, the posts will be visualized on statistic charts and on the map to offer users another perspective to read posts.

Product Backlog

1. Stream Page

- a. Global Stream
- b. Local Stream
- c. Local News Feed
- d. Follower Stream

2. Visualization

- a. Visualization based on statistics
- b. Visualization of posts on map

3. Login System and Oauth

Original goals for the sprint 1

1. Study and determine the UI for html pages.
2. Scaffold the basic architecture for the whole project.
3. Basic Login and OAuth system
4. Support post and delete operations for simple post and comments.

What we have completed

1. Study and determine the UI for html pages.
2. Scaffold the basic architecture for the whole project.
3. Point 3 and 4 are in progress.

Completed: Models

Post:

User: models.ForeignKey(User)

Text: models.CharField()

Image: models.FileField()

Font: models.CharField()

Time: models.DateTimeField()

Comments: models.ManyToManyField(Comment)

Geo: (float, float)

Completed: Models

Profile:

User: models.ForeignKey(User)

First_name: models.CharField()

Last_name: models.CharField()

Blacklist: models.ManyToManyField(User)

Following: models.ManyToManyField(User)

Groups: models.ManyToManyField(Group)

Group:

Name: models.CharField()

Users: models.ManyToManyField(User)

Comment:

User: models.ForeignKey(User)

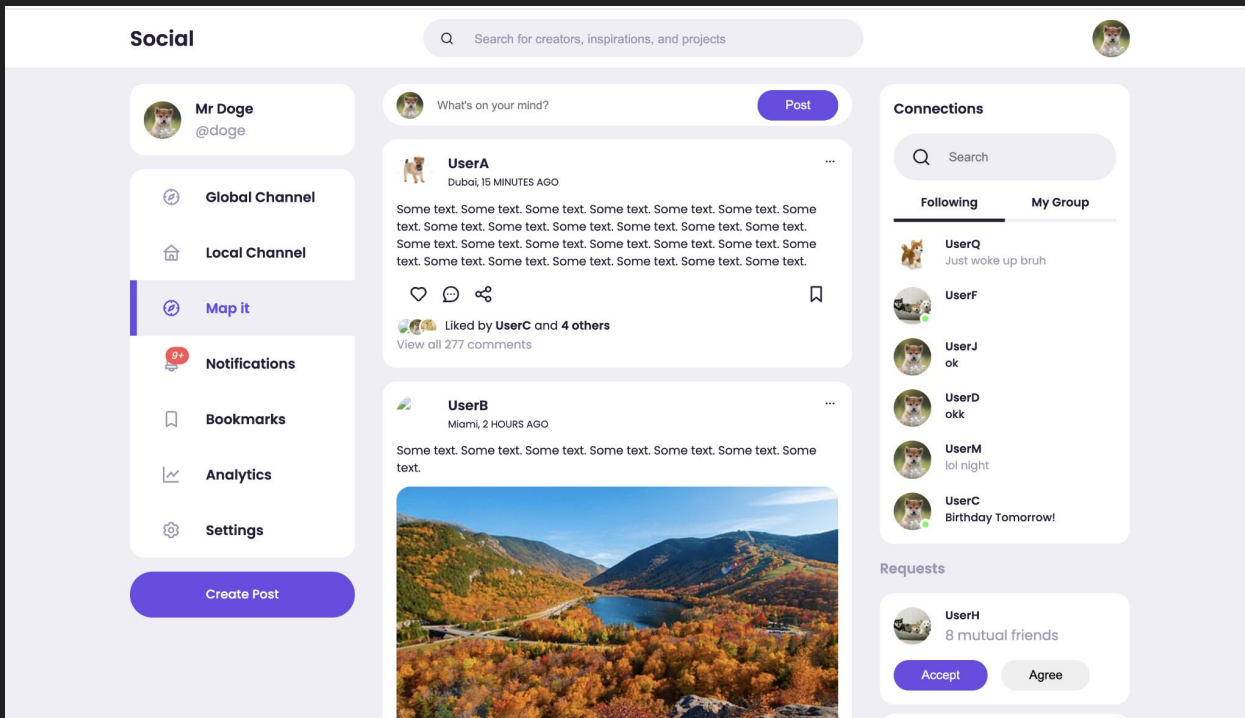
Text: model.CharField()

ParentPost:

models.ForeignKey(Post)

Time: models.DateTimeField()

Completed: UI



Progress & Problems

Progress:

1. Specifications made clearly
2. Data model determined
3. UI designed and HTML demo finished

Problems:

1. What functions can be completed in a semester project?
2. What techniques to use?
3. Team building and organization, task allocation

Goals for the next sprint

1. Continue work to finish basic login and OAuth system and support post and delete operations for simple post and comments.
2. Support geo info on global and follower stream.
3. Support local news feed.
4. Add rich text editor to it.
5. Add visualization if have time.

