

# Project Presentation

Group 1

Ningxin Xu, Yinan Wu, Tianyin Li, Minhao Jin

# Brief Introduction

We are extending the social network platform we've done for hw7.

New features are added based on the homework version.

1. Contain geographical location
2. Support rich text editor for post editing
3. allow users customize the content and set a privacy level (accessible to public > to a certain group > private).

Moreover,

With support of geo info, a local stream will become possible on which local news can also be fed depending on user preference.

Visualization on statistic charts and on the map to offer users another perspective to read posts.

# Product Backlog

## HTML Page Organization

1. Stream Page
  - a. Global Stream
  - b. Follower Stream
  - c. Local Stream
  - d. Local News Feed
2. Visualization
  - a. Visualization based on statistics
  - b. Visualization of posts on map
3. Login System and Oauth

## Original goals for the sprint 1

- ❑ Study and determine the UI for html pages.
- ❑ Scaffold the whole project.
- ❑ Basic Login and OAuth system
- ❑ Support post and delete operations for simple post and comments.

## Progress checkbox

- ✓ Study and determine the UI for html pages.
- ✓ Scaffold the whole project.
- ☐ Basic Login and OAuth system (30% done)
- ☐ Support post and delete operations for simple post and comments. (20% done)

# 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)

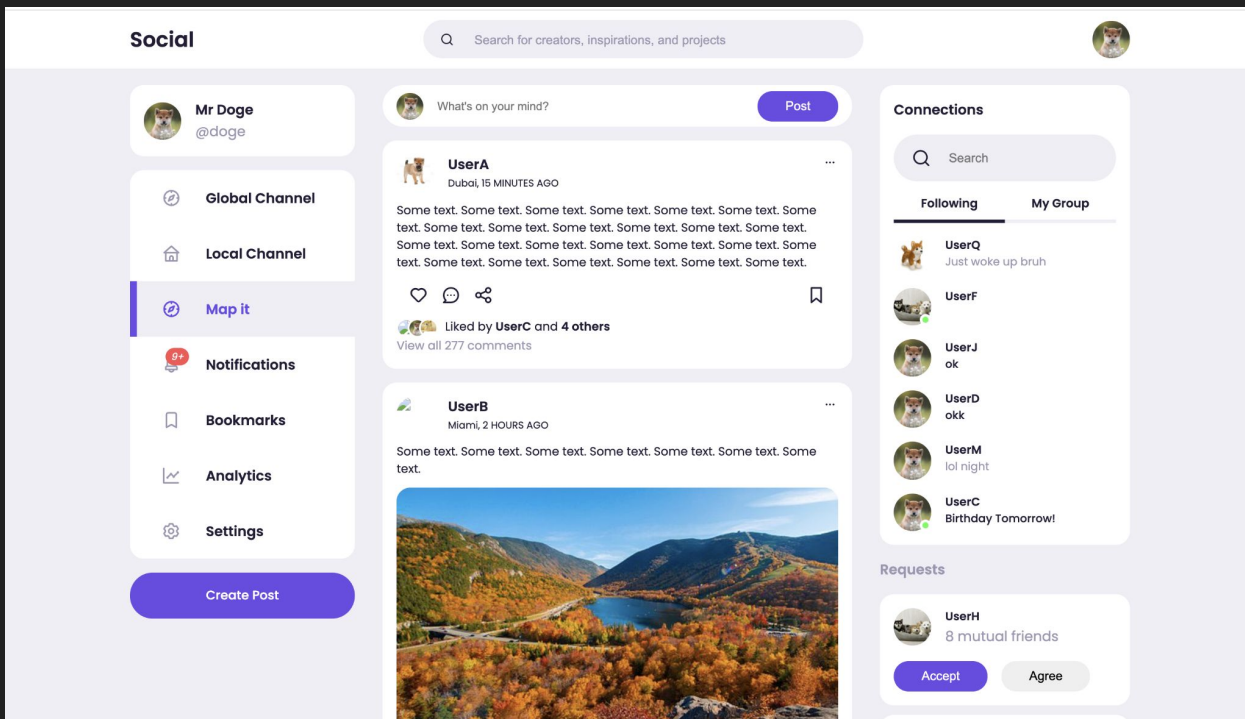
Text: model.CharField()

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. Support rich text editor for posts.
5. Add visualization if have time.

