Decentralized Social Network

Members:

Viktor Stanchev, Jerry (Zijian) Feng, Anushervon Saidmuradov, Rui Zhao, Arash Mortazavi

Customer:

AP Bernard Wong

Team Structure

Front-end

- Anushervon (SM)
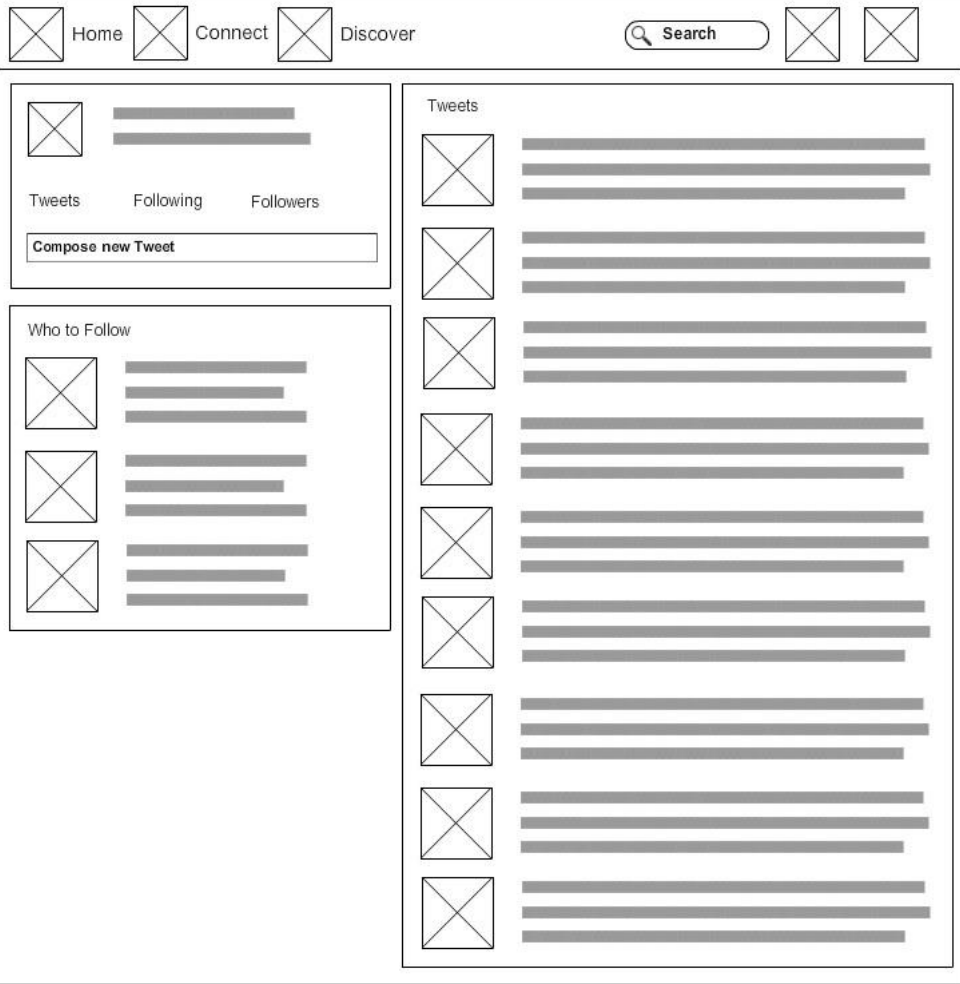- Jerry

Back-end

- Viktor (PO)
- Rui
- Arash

I2 Backlog

- Create wireframes of common social networks.
- Create wireframe for a sample view in our project.
- Add front-end infrastructure.
- Explore C++ as an option for the backend server.
- Explore other language options (Python, Scala).

Wireframes

Search for people, places, and things

Status

Profile Info

Edit Profile

Favourites

Pages

Apps

Groups

Friends

Advertisements

Lorem ipsum dolor sit amet, consectetu

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Write a comment

Search

Tweets   Following   Followers

Compose new Tweet

Who to Follow

Tweets

Profile Info

People You Might Know

Recommended

- Welcome
- Forums
- Associations
- Messages
- Shared
- Albums
- Games
- Music
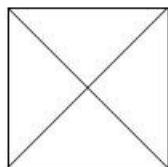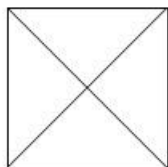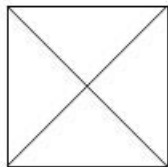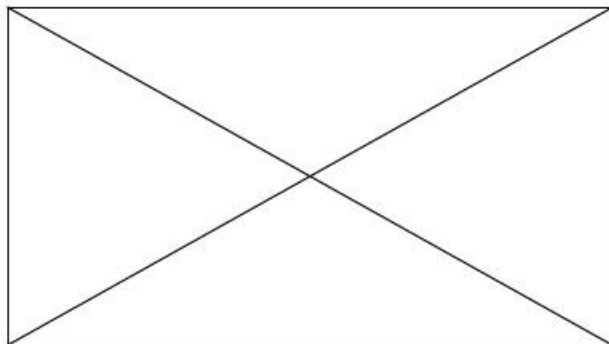
My Profile
My Friends
My Photos
My Videos
My Music
My Messages
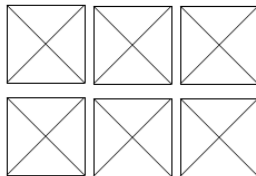My News
My Settings

John Smith

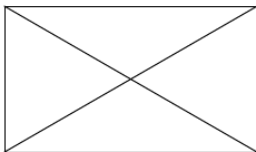Profile Pic
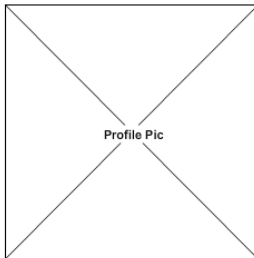
Send a message

Add to friends

Friends

341 friends

Videos

12 Videos

31 Oct at 3:46 pm | **3 comments**

224 photos
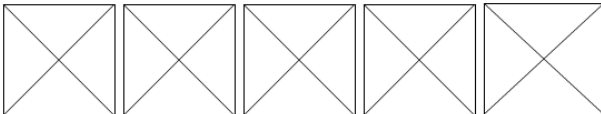
49 posts

John Smith
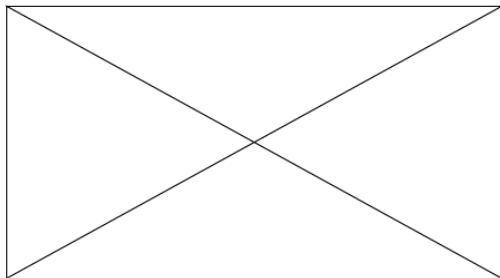
31 Oct at 3:46 pm | **Comment**   Like 💙 9

John Smith
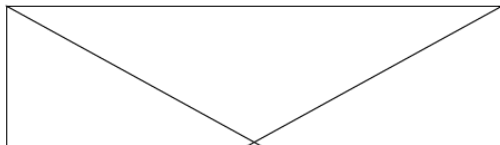
Home

Stream

Library

People

Messages

Insights

Upload
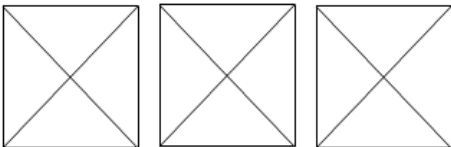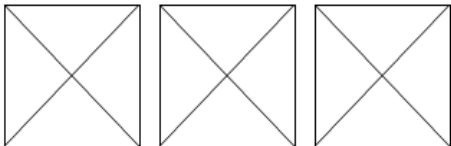
Settings

Sign Out

Invite friends

Hide filters

Connect to more

some text description, filler text, filler filler filler text

Share with friends

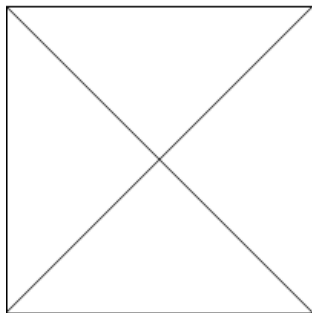Lorem ipsum dolor sit amet, consectetur adipisicing elit,
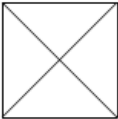
What's the latest?

Kitchener, ON, Canada

0/1024

Event

Event

My Profile

My Photos

My Videos

My Files

Friends

Nickname

Nickname

Nickname

Nickname

Edit Friend

✕
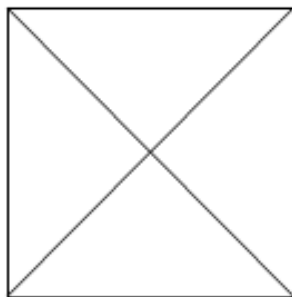
Nickname

Label

Zones

☐ Friends

☐ Co-workers

☐ Besties

☐ Public

Level of Trust   🔒 🔒 🔒

Change Picture

Front-end Infrastructure

- AngularJS (Coffeescript)
- Zurb Foundation (CSS)
- Slim (HTML)
- Yo (Scaffolding)
- Grunt (Build tool)
- Bower (Package manager)

GNUnet

- Building
- Starting peers
- GNS
- DHT experiment
- GNUnet command line tools

C++, Java, Python

- C++ is a waste of time
- Java bindings incomplete
  - only contain a subset of GNUnet C API
- Python can work with GNUnet C API by writing another C Layer
  - use Flask as basic server framework
  - SQLite3 as local persistent storage
  - easy web socket support

I2 Retrospective

- Github as issue tracker == Good
  - https://github.com/n00shie/fuzzy-octo-ironman
- Need to pick stable revision of GNUnet
- Less standups per week
- IRC is very helpful
- Delegate work better => Vert. then Horizontal
- Group education / Code reviews
- Better Documentation