# User Stories Analysis

**0317 | #1 Requirement Planning Document** – *by Wenyu Xie*

**Overview**

1. Two directions to choose: Information Flow & Instant Messaging.
2. I personally prefer doing both, but with basic implementation. Referring to Part A for more details.
3. The schematic diagrams of these two features are provided respectively, referring to Part B for more details.
4. Due to the absence of final decision, I only integrated part of the requirements from user stories, referring to Part C.
5. An X-mind graph is attached in the end, for us to brainstorm different plans.

## A. Two directions I came up with currently

1. Information flow
2. Instant messaging

We can do: 1). Only 1; 2). Only 2; 3. Both.

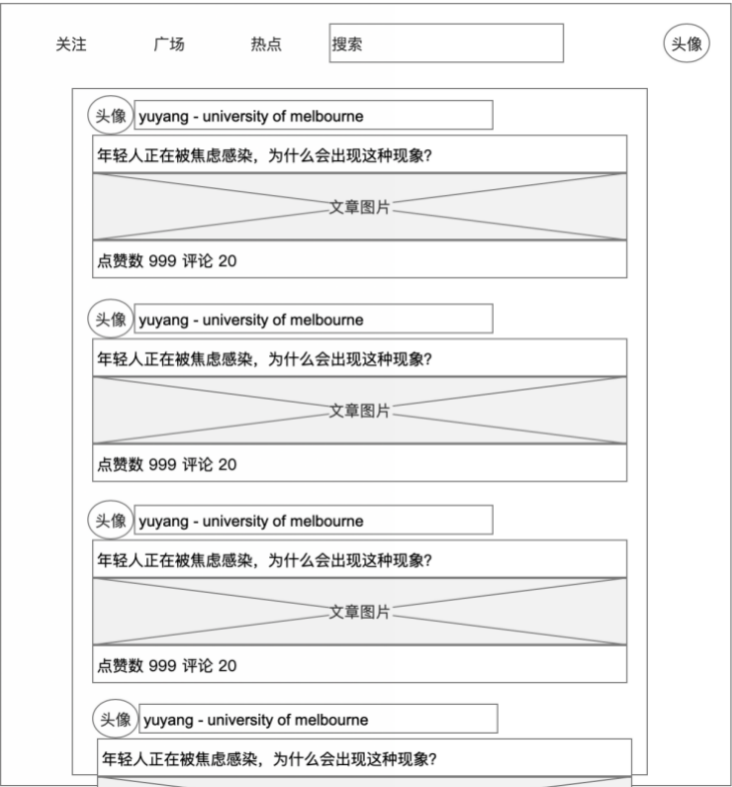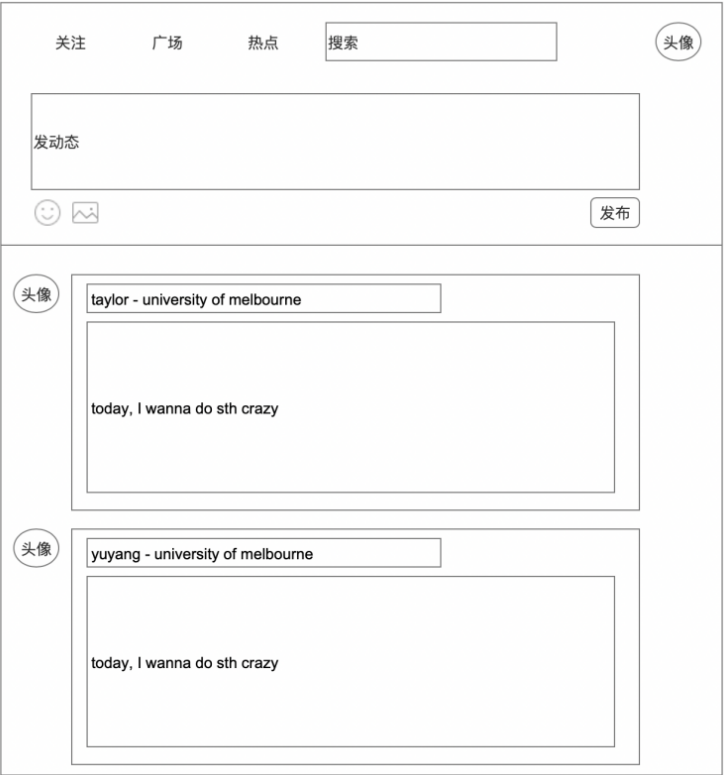|  | Pros | Cons |
|---|---|---|
| **Only develop one feature (in-depth)** | 1. From our perspective: if any of us will be working on the field such as information flow or instant messaging, this is an opportunity to train the related skills.<br><br>2. From project's perspective, in-depth development might involve better frameworks or implementation schemes that will impress Leon. | If we're doing in-depth, for the style of frontend and the framework of backend will be very time consuming, then it's not suitable for members who are on tight class schedules or preparing for campus recruitment. |
| **Develop both (with basic functionalities)** | 1. From our perspective, we can probably spend less time on the project.<br><br>2. From project's perspective, the whole product will have more diverse functionalities. | But might lead to non-decent scores. |
| My preference: do both, instant messaging + information flow.<br><br>Reasons:<br><br>-    Enrich product's functionalities, so that we have things to write or present.<br><br>-    Can save our time. If there's still time remains after, we can do more. | | |

## B. Schematic diagrams for two directions

Information flow:

关注　　广场　　热点　搜索　　　　　　　　头像

发动态

发布

头像　taylor - university of melbourne

today, I wanna do sth crazy

头像　yuyang - university of melbourne

today, I wanna do sth crazy

关注　　广场　　热点　搜索　　　　　　　头像

头像　yuyang - university of melbourne

年轻人正在被焦虑感染，为什么会出现这种现象？

文章图片

点赞数 999 评论 20

头像　yuyang - university of melbourne

年轻人正在被焦虑感染，为什么会出现这种现象？

文章图片

点赞数 999 评论 20

头像　yuyang - university of melbourne

年轻人正在被焦虑感染，为什么会出现这种现象？

文章图片

点赞数 999 评论 20

头像　yuyang - university of melbourne

年轻人正在被焦虑感染，为什么会出现这种现象？

Instant messaging:

## 全部　未读

| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |
| taylor - unibersity of mel | 14.21 |
| nice to meet you，my bro | |

taylor - unibersity of mel

nice to meet you，my bro

nice to meet you，my bro

nice to meet you，my bro

nice to meet you，my bro

nice to meet you，my bro

nice to meet you，my bro
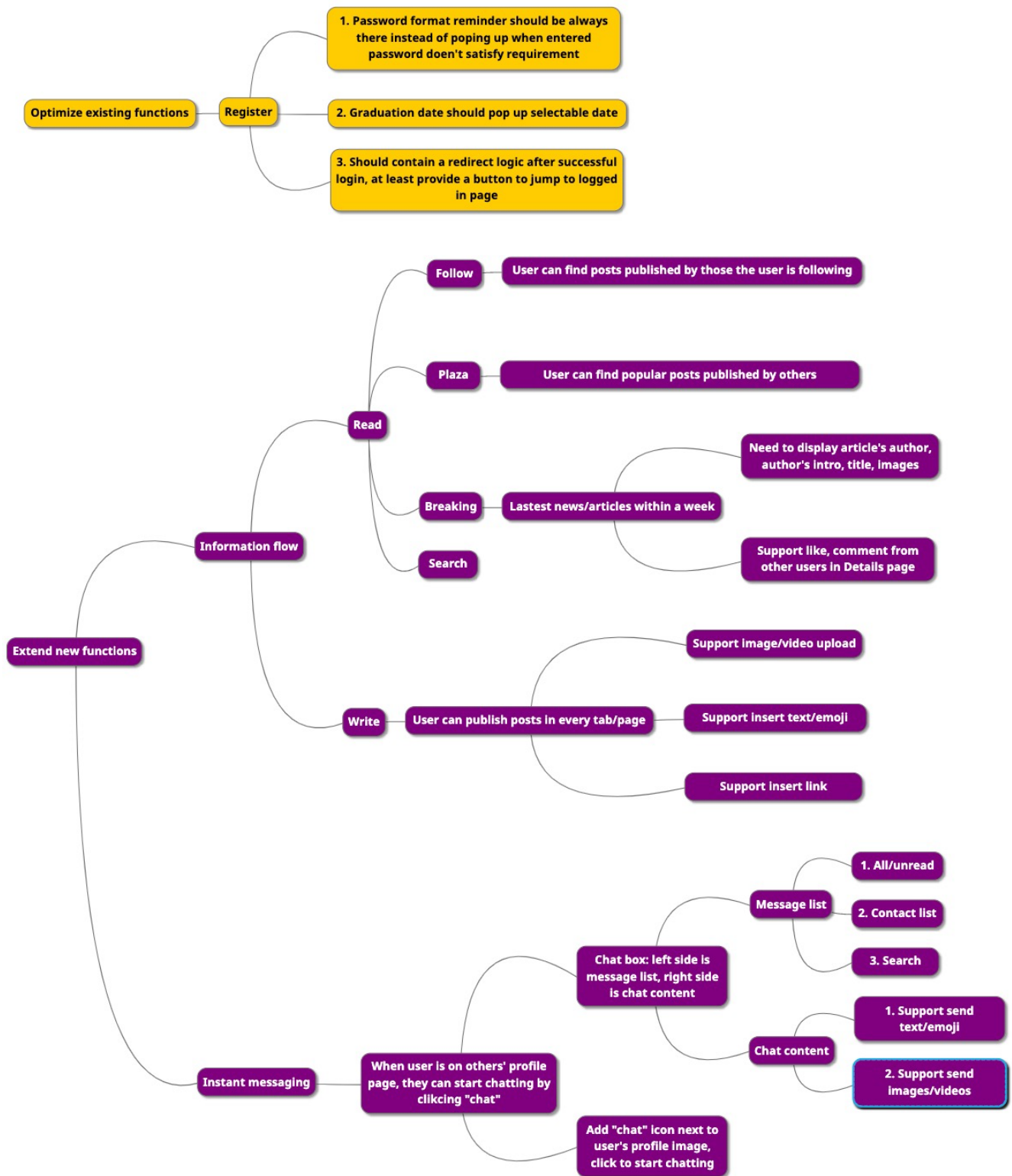
nice to meet you，my bro

please enter something

send

## C. User stories

| Requirements | User stories | Priority | Sprint |
|---|---|---|---|
| Information flow – read | As a user, I want to see the recent activities of whose I'm following. | | |
| | As a user/guest, I want to see other's activities in the plaza. | | |
| | As a user/guest, I want to see breaking news/articles from the official. | | |
| | As a user/guest, I hope there's a search box where I can quickly find information I want. | | |
| Information flow – write | As a user, I want to publish new post, like other's posts, commenting, forwarding, etc, in the tab "Follow" (Including but not limited to uploading photos, videos, links) | | |
| | As a user, I want to publish new post, like other's posts, commenting, forwarding, etc, in the tab "Plaza" (Including but not limited to uploading photos, videos, links) | | |
| | As a user, I want to like, comment, share breaking news/articles. | | |
| Instant messaging – read | As a user, I want to receive message sent by others | | |
| | As a user, I want to quickly integrate unread messages | | |
| | As a user, I want to find friends I want to chat with through contact list | | |
| | As a user, I want to search for friends/chats | | |
| Instant messaging – write | As a user, I want to send text/emoji in chat box | | |
| | As a user, I want to send images/videos | | |
| | As a user, I want to create a group chat | | |

*# The above user stories are simply written first, and do not represent the final plan. If we finalize plan, I will refine the requirements in-detail. And I only did the function of the expansion direction and did not optimize the user stories of the existing functions, the follow-up affirmation page should mention it!*

## D. X-mind graph

## Optimize existing functions

**Register**
- 1. Password format reminder should be always there instead of poping up when entered password doen't satisfy requirement
- 2. Graduation date should pop up selectable date
- 3. Should contain a redirect logic after successful login, at least provide a button to jump to logged in page

## Extend new functions

**Information flow**

**Read**
- **Follow** — User can find posts published by those the user is following
- **Plaza** — User can find popular posts published by others
- **Breaking** — Lastest news/articles within a week
  - Need to display article's author, author's intro, title, images
  - Support like, comment from other users in Details page
- **Search**

**Write** — User can publish posts in every tab/page
- Support image/video upload
- Support insert text/emoji
- Support insert link

**Instant messaging**
- When user is on others' profile page, they can start chatting by clikcing "chat"
  - **Chat box: left side is message list, right side is chat content**
    - **Message list**
      - 1. All/unread
      - 2. Contact list
      - 3. Search
    - **Chat content**
      - 1. Support send text/emoji
      - 2. Support send images/videos
- Add "chat" icon next to user's profile image, click to start chatting

---

**E. Additional comment by other members**

Yichao Xu

- We can build a dashboard to integrate all the existing functions, rather than visiting profile after logged in.

- Agree to add "friends", "plaza", "user searching" functionalities. In this way, there're channels to actively find friends. It's recommended to use "one-way follow" which requires no permission, avoid the need to establish persistent connection with server.
- In addition, the resume function can be optimized. For example, pdf can be automatically generated according to the information registered by the user, instead of requiring the user to upload his own CV.

Wentao Hao

- We can add additional 3$^{rd}$ party user authentication to login, such as via Facebook/Google.