

## **Meeting Note 3: A2 First Meeting: Oct, 25th**

### **What did you work on? (Finished Assignment 1)**

We built the Hello Word application for Assignment 1 and analyze Youtube APIs  
What will you do next? Decisions and plans?

### **Decisions for Frontend design:**

The initial frontend design was that all the information is shown on the same page. The home page should contain a search bar, a table for channel info, a table for playlist info, and a table for video info. However, after we discussed and thought about how to create a user-friendly product with a better user interaction flow, we changed our frontend design to be separating the information into several pages. First, after the user enters a channel ID, the page should be automatically redirected to the channel info page if a channel is found by ID. Then, users can check all the information about this channel. Second, after clicking the playlist or video list button. The website will redirect to the corresponding webpages to check all information about playlists or videos in detail. There will be titles, description, videos number of each playlist or view/like/comment count of each video. In order to prepare for the final assignment, we also build 2 buttons on the channel information page for recommendation. But since these functions are in the next assignment, we have not finished them yet. While browsing each page of our website, users can search any time on the navigation bar and click the back button to return to the previous page.

### **Feature/Task Prioritization:**

The most important part of the current milestone is that the application should allow the user to search for a channel by channel ID. Hence, the very first feature that needs to be implemented is the navigation bar and the search box. If we don't get the channel ID from the user, it is hard to implement other features based on the user input. At the same time, Austin can work on the backend APIs since the backend APIs can be tested using postman. It does not need to wait for the search box to be finished. After the search box and navigation bar are done, we can start working on the other pages, such as the channel info, playlist info, and video info pages.

## Plans:

1. Frontend
  - a. Austin:
    - i. Decide to build a navigation bar and pages about Youtube channel/videos (Deadline: Nov 2nd)
  - b. Zixiao:
    - i. Decide to build search box and page about Youtube playlists (Deadline: Nov 2nd)
2. Backend
  - a. Austin:
    - i. Decide to build 3 APIs for Youtube channel/playlists/videos (Deadline: Nov 2nd)
3. Test:
  - a. Austin:
    - i. Decide to build tests for Youtube channel/videos (Deadline: Nov 5th)
  - b. Zixiao:
    - i. Decide to build tests for Youtube playlists (Deadline: Nov 5th)