

## Oct 8, 2024 | CSC301 Product Meeting

Attendees:

Katarina, Jihyuk, Jeff

### Product Team Meeting

- Meeting more consistently when the project takes full swing.
- In person meeting at Donnelly Center if we do meet on campus.
- Jeff sharing his exploration idea is not meant to scare us.
  - We just need to abide by the mock up, the exploration is extra.
- Our slides:
  - We finished our D1 first draft, we should be getting a review soon.
  - README will be developed further
  - Our split
- Client:
  - Search could be split into multiple things
  - Do we need a database? Do we need to store the articles? Can we just retrieve it and show it instead of maintaining a database? Concerns about sustainability and maintainability. Indexing through database would require a giant elastic search and require too much power and therefore money
  - Searching through browser would be more cost efficient and search it up without any communication through the back.
    - Calling BioRxiv API?
      - No, just doing it right in the browser
      - Lightweight thing that can filter through articles through the browser
      - Little library that acts as an index. Full task search. Looking at your word and matching it to webpages, which are articles in our case.
      - Do we need a search engine in the backend?
      - So replicating a browser search instead of searching through a database is what Jeff seems to want.
  - In terms of infrastructure, Jeff will get back in a couple days.
    - Wants something that is reproducible through the README on his own infrastructure in future hopefully. He wants to get this done as early as possible.
  - Jeff really wants something that is maintainable and cheap rather than something fancy that uses new technology but expensive to maintain.
  - Jeff is fine with using dummy data for V1, which we were going to do.