Sep 30, 2024 | CSC301 Backend Team Meeting

Attendees:
Katarina, Victor, Mark

Questions:
- ☑ ~~Discuss experience and what we are familiar with~~
- ☑ ~~Discuss what needs to be in our data modeling~~
- ☑ ~~Discuss next steps~~

Notes:
- Backend: functionality that the frontend queries.
  - Extends towards authentication.
  - Stores the logic beyond the browser.
- We will have a few different endpoints that any user can read from (not write from)
- GET requests: Victor showed in a Figma: https://www.figma.com/design/CWtYLBgwBLEU27wQ2Khj2s/CSC301-Project-Wireframes?node-id=6-5&node-type=canvas
- Store tags
- Biorxiv and medrxiv has an api, we dont want to depend on data that is on a different web server to load our website. If this is down we still want to be running. Also quicker if we add one of our own.
- Tag every article with its topics
- Reference between non-relational db and relational db
  - Non-relational only for searching to retrieve IDs
- Tasks:
  - 1 person to make the endpoints
  - 1 person to make the db
  - 1 person to get the data into the db
- ORM to abstract SQl code: prisma.io
- We will use PostGreSQL.
- Created new project: https://github.com/orgs/csc301-2024-f/projects/13

Action items
- ☐ Katarina: https://github.com/csc301-2024-f/project-17-computational-bio-lab-ccbr/issues/12
- ☐ Mark: https://github.com/csc301-2024-f/project-17-computational-bio-lab-ccbr/issues/13
- ☐ Victor: https://github.com/csc301-2024-f/project-17-computational-bio-lab-ccbr/issues/14
- ☐ Katarina: change meeting minutes to Markdown
- ☐ Katarina: add recurring meeting to GC