Poo: Design Document
The Adjective Nouns: Noakai Aronesty, Andrew Juang, Eric Guo
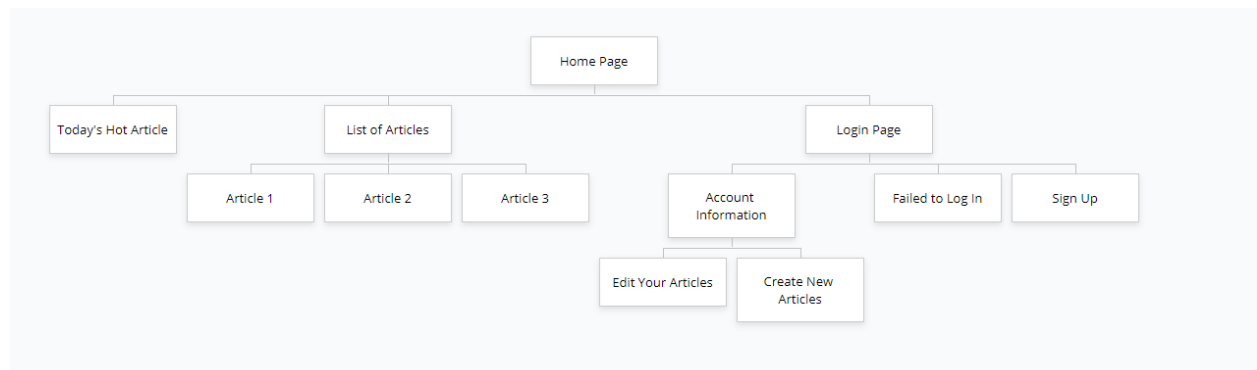
Program Components
- Login for Editors
- Page to manage articles (publish/delete articles)
- Table Organizing Data on front page
- Backend data (title, author, date published)
- Feature article on index page + index page that lists all articles
- Search function for articles, top right
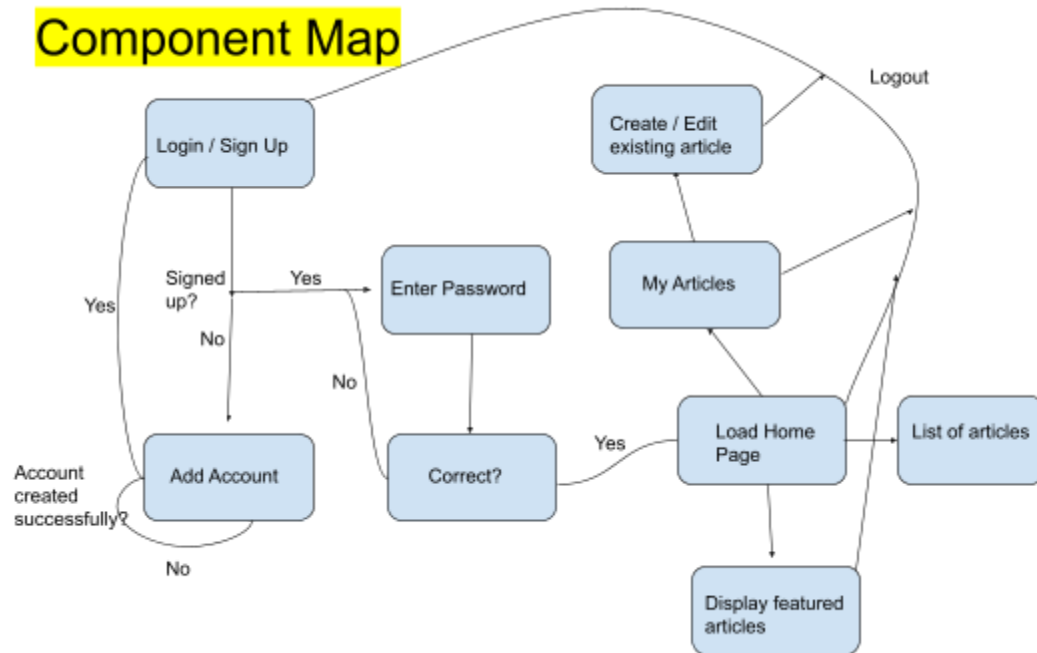- Render_template to create each article page, each article has the same template

Component Relationships
The home page will give us the ability for a hot article, a list of articles, and a login page. The Login page will be for editors to log in, and after you successfully log in, you can then publish, edit or delete articles that you made. The backend data will store all of the information whenever you publish an article. The List of articles will be available to anyone even if they do not log in. There will be a search bar for convenience to find articles easily. The articles will be generated via the same template to keep the same design across all articles. Clicking on a hyperlink to an article will render the article with that template.

File Pathing

Component Map

Login / Sign Up

Logout

Create / Edit existing article

My Articles

Signed up?

Yes

Enter Password

Yes

No

No

Correct?

Yes

Load Home Page

List of articles

Account created successfully?

Add Account

No

Display featured articles

Search Function

Home Page

Login / Logout

List of Articles Sidebar

Today's Featured Article

DB [Organizational Tables]
- [Users]
  - User ID
  - Username
  - Password
- [Pages]
  - Page ID
  - Topic
  - Path to Information File
- [Keywords]

- Page ID
- Keyword
- [Page Editors]
    - User ID
    - Page ID

Breakdown of Responsibilities
- All: work on **MVP** first then add additional features later
- Noakai - Read data from CSV files, and create a database whose table structure mimics that of the CSV files + retrieval of data from database
- Andrew - Login, search, managing articles (putting everything together)
- Eric - Creating template for pages, working on frontend