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SoftDev
P00 -- Move Slowly and Fix Things
2022-10-27
Target ship date: 2022-11-18

TOPIC: Option 1 - AO4 Archive of of our own

COMPONENTS:
- Account
    - Login credentials held in separate table
    - Accounts keep what stories the person has contributed to
- Story
    - A story must keep every old contributor and be able to accept new ones
    - Although only the latest addition to the story will be shown to any new contributor, the entire story will still be stored in a table, with just the most recent addition visually displayed to a new contributor
    - To old contributors, the entire story is shown, along with the edit history for when each new segment was added, and by whom.
    - Stories are kept in an individual file in the Story Database.
    - When referencing a story, the backend will also go through a Story Search, due to the Story Path being held in the Story Search table
- Search
    - Every story title is kept in a table, along with a reference to the story itself.
    - Running through a search will find the entry in the table with the exact name specified in the search bar.

DATABASES:

STORY DATABASE
Stories

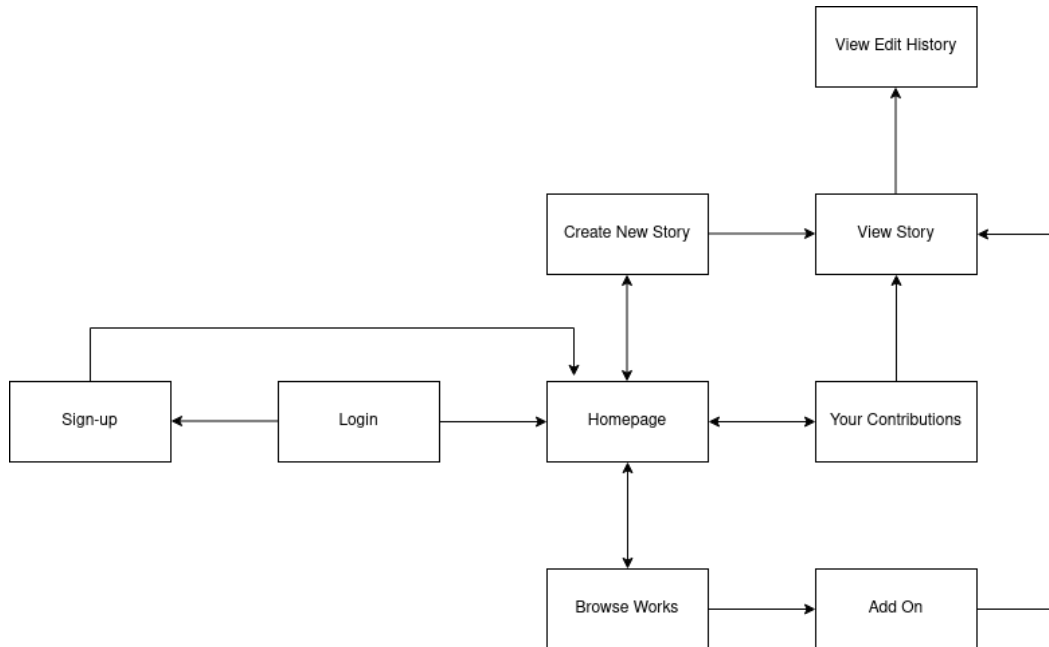| Name	Creator	Story	Latest Contribution	Contribution Date	Contributor

Story Search

Story Name	Story Path

ACCOUNT DATABASE

Login

username	passwd

SITE MAP:

Component Map:

Back end (Python)	
Front end (HTML, CSS)	

```
                              Login Database  <——>  Login Portal
                                   ↕                    ↕
         ┌——————————————————>   Account              Main Page
         |                         ↕                    ↕
         |                     Contributor     ┌——>  Story Search
         |                         ↕           |        |
         |                         ↕           |        ↓
    Latest Edit <——> Story <——> Story Database ┘
         ↑                         ↕
         |                       Search
         |                         ↕
         └——————————>  Story File Path <——> Story File <——> Story Directory
```

Login Database

Login Portal

Account

Main Page

Contributor

Story Search

Latest Edit

Story

Story Database

Search

Story File Path

Story File

Story Directory