Bloh Foo:: Ameer Alnasser, Wan Ying Li, Kevin Wang
SoftDev
P00 -- wiki design
2022-10-27
time spent: 1 hrs

DB organization:

Tables: (Kevin)

Authentication

- Username
- Password

Wiki

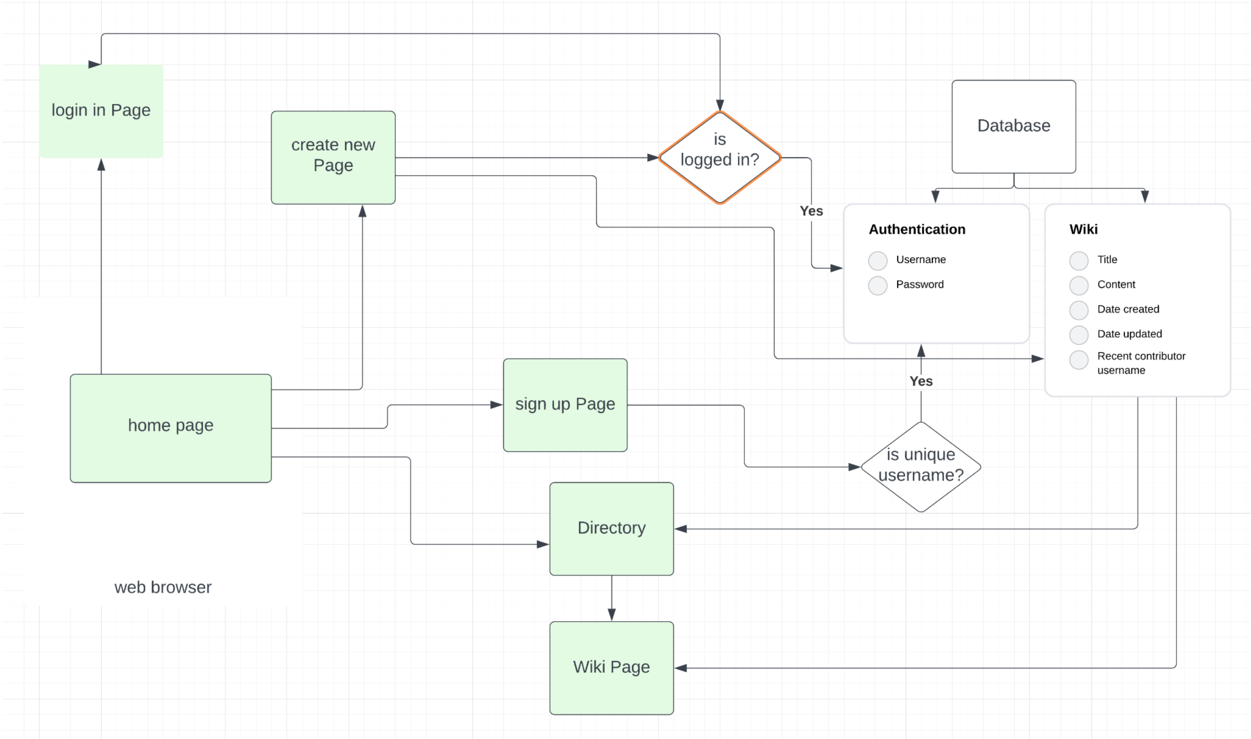
- Title
- Content
- Date created
- Date updated
- Recent contributor’s username

Program components:

- Home page (Wan Ying)
  - Front end
    - Nav bar: links to
      - Login and sign up
      - create new wiki
      - Search
      - Table of content/alphabetically sorted directory
  - Back end
    - Return a random wiki to show on the home page
- Login Page (Ameer)
  - Front end
    - Form for user to submit username + password
    - Button to submit
    - Forgot password link to sign-up Page
  - Back end
    - Check with database if username and password are associated with account
      - True:
        - Redirect to home page, with username and password as apart of request.form

```
                -  Every link they press will be sent with
                   username and password in the request.form
            -  False:
                -  Refresh the page?
-  Sign up Page (Ameer)
    -  Front End
        -  Username
        -  password
    -  Backend
        -  Makes sure username is unique
            -  True
                -  Make new account
                -  Sign in with that account
                -  Redirect to home page
            -  False
                -  Refresh the page
-  Create new page (Wan Ying)
    -  Front end
        -  Form
            -  Title
            -  Content
        -  Button to Submit
    -  Back end
        -  Check if logged in.
            -  True: display page to user
            -  False: direct user to login in page
        -  When submit pressed:
            -  Is title unique
                -  True: push page into RDB
                -  False: scrap everything they've written and
                   refresh the page
-  Search (nav bar) (Kevin)
    -  Front-end
        -  Wiki page titles that start with what was searched
    -  Back-end
        -  Query RDB for titles that start with the searched
           string
-  Directory (Kevin)
    -  Front-end
        -  Alphabetically sorted list of wiki pages
    -  Back-end
        -  Get all of the titles and use python to sort them
           before displaying it
-  Wiki page (Kevin)
```

- Front-end
    - Title
    - Content
    - Date created
    - Date updated
    - Recent contributor’s username
- Backend
    - Query from db the info in the front-end


login in Page
create new Page
is logged in?
Database
Yes
Authentication
Username
Password
Wiki
Title
Content
Date created
Date updated
Recent contributor username
Yes
home page
sign up Page
is unique username?
Directory
web browser
Wiki Page