Design for our Wiki v.0

TNPG: Ballers;
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SoftDev
K18 2022-10-27
Time Spent: 1hrs

Backend : Jian Hong
- Flask provides the server
- A login page
- Interaction between bro
- wser and the app to read inputs

Frontend : Harry
- HTML
- A welcome page
- Button to take input in order to edit

Python code : Shreya

- Creating methods to be converted to HTML
- Using sqlite to store datas

Breakdown of tasks
1) ~~Using~~Create flask to create a server
2) Design the welcome/login page with HTML and css
3) Decides who could make edits and who can't
    - Have valid username/password
4) Get input from browser and store in database
5) Push data to browser

Database Tables:

Users:

Username (ID)	Password	Pages Edited	

Pages:

Page ID	Page Title	Page text (Current)	Link

Page Edit History

Page ID	Original Author	Subsequent Editors	

Site Map:

- Login / Register Page
- Welcome page + list of most recently edited pages + list of your (created / edited) pages
- Each story has the title, text, and edit button
- Interface for editing a story + submit button

Design for our Wiki v.1

TNPG: Ballers;
Jian Hong Li, Harry Zhu, Shreya Roy
SoftDev
K18 2022-11-02
Time Spent: 1hrs

Backend : Jian Hong
- Flask provides the server
- Interaction between browser and the app to read inputs

Frontend : Harry
- HTML
- A welcome page

- Button to take input in order to edit

Python code : Shreya

- Creating methods to convert to HTML
- Push and pull data from sqlite databases

Breakdown of tasks
6) Create flask to create a web server
7) Design the welcome/login page with HTML and css
8) Decides who could make edits and who can't
    - Have valid username/password
9) Create databases with sqlite
10) Get input from browser and store in database
11) Push data back to browser via the middleman (python)

Database Tables:

Users:

Username (ID)	Password	Pages Edited	

Pages:

Page ID	Page Title	Page text (Current)	Link

Page Edit History

Page ID	Original Author	Subsequent Editors	Time Stamp

Site Map for front end:

- Login / Register Page
- Welcome page + logo + list of most recently edited pages + list of your (created / edited) pages
- Each story has the title, text, and edit button
- Interface for editing a story + submit button

```
┌─────────────────────────┐
│  Login / Register Page  │ ◄───────────────────┐
└─────────────────────────┘                      │
        │         \                               │
If successfully    \  If no account               │
logged in           \                             │
        │      ┌──────────────────────┐           │
        │      │  Create an Account   │ ──────────┘
        │      └──────────────────────┘
        │
┌─────────────────────────┐
│  Welcome Page w/         │
│  List of Stories         │ ◄─┐
└─────────────────────────┘   │
        │                      │
        │                      │
┌─────────────────────────┐   │
│  Content Page of Story   │ ──┘
│  w/ Edit Button          │ ◄─┐
└─────────────────────────┘   │
        │                      │
┌─────────────────────────┐   │
│  Story Editor            │ ──┘
└─────────────────────────┘
```

Send database
information

Python
-Transfers input
and output

User provides
input

Updates
database

Backend
-Flask
-Sqlite: store
databases

Output updates
browser

Browser
-HTML
-Login Page
-Contents