

Tiffany Yang, Claire Song, Jessica Yu, Jackie Zeng
Team Anything
SoftDev
P00
2024-10-23
Time spent: 1 hour
Target Ship Date: 2024-11-20

Scenario Two: Your team has been contracted to create a web log hosting site, with the following features:

- Users will have to register to use the site.
- A logged-in user will be able to
 - Create a new blog
 - Update their blog by adding a new entry
 - View and edit their own past entries
 - View the blogs of other users

Front end:

- ☐ HTML templates and CSS (if time): create layout of web pages; display tables and information from databases

Back end:

- ☐ Flask app: host web pages
- ☐ Database handling: create and link databases; sort data

Components:

- User accounts
 - User sessions
 - User login/logout system
- Routes
 - Route to submit new blogs
 - Route to edit past blogs
 - Route to view past blogs
- SQLite db for storing blog info
 - Page_id
 - Usernames/logins
 - Password hash

Routes:

Home (/):

List of blogs

Login (/login):

Login with sessions and keys/cookies

Viewing blog page (/ {username} / {page_id}):

Displays a single blog page

Create Page (/create):

Goes to a form to create a new blog page

Signing up: (/signup):

Allows you to make an account and saves username & password information

Edit: (/ {page_id} /edit):

Allows you to edit an already created blog

Blog: (/ {username}):

Shows list of blogs made by {username}

Database:

▼ Blog	
User_ID	INTEGER
Page_ID	INTEGER
Page Title	TEXT
Page Details	TEXT
▼ Edits	
Page_ID	INTEGER
Version_ID	INTEGER
Version_Old	TEXT
Version_New	TEXT
▼ Logins	
Username	TEXT
Password	TEXT
User_ID	INTEGER

Task Assignment:

Front end: Claire and Jessica

- ☐ blogPage.html
- ☐ editPage.html
- ☐ editpage.html
- ☐ home.html
- ☐ login.html
- ☐ my_pages.html
- ☐ newPage.html
- ☐ newpage.html
- ☐ signup.html
- ☐ user_pages.html
- ☐ Users.html

CSS: Whole Group

- ☐ blogPage.css
- ☐ editpage.css
- ☐ home.css
- ☐ login.css
- ☐ my_pages.css
- ☐ newpage.css
- ☐ signup.css
- ☐ style.css
- ☐ users.css

Backend: Tiffany and Jackie

- ☐ Build_db.py (creates the DB)
- ☐ __init__.py

app.py:

('/')

render home.html

('/signup)

Only appears If [logged out]

Return signup.html

('/login')

If [logged in]

Return <logged in message>

and direct to home

If [logged out]

Return login.html

('/{username}/{page_id}')

render page_id.html

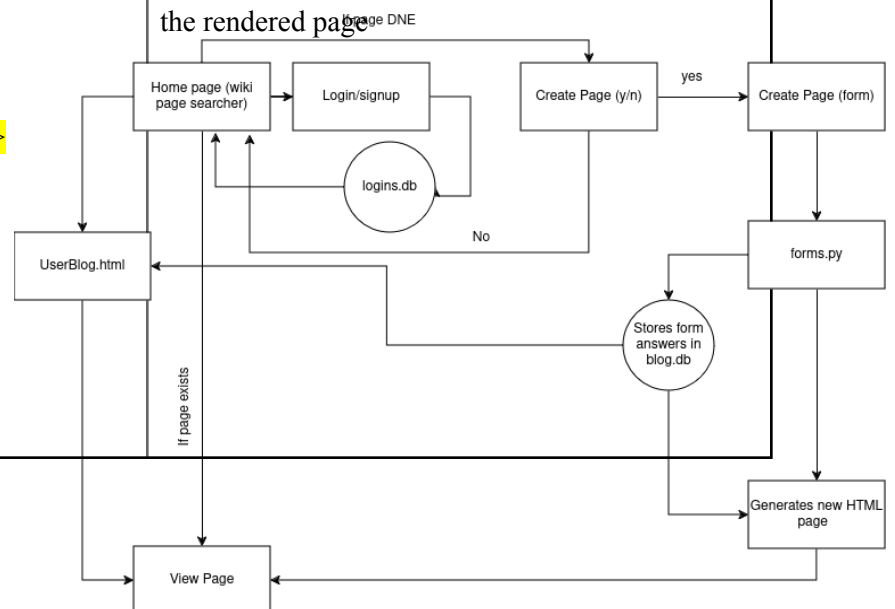
('/create')

Render newPage.html

forms.py:

Stores form information into the database

Takes the information from the database to fill in the rendered page



('/editpage') Render editPage.html ('/blog') Render blog.html ('/{username}') Render userblog.html	
---	--

Database Organization:

Blog.db

	User_ID	Page_ID	Page Title ▲	Page Details
	Filter	Filter	Filter	Filter
1	Stores ID of blog maker	Stores a generated ID of the page	Rendered title	Rendered page details

Logins.db

Username	Password	User_ID
Filter	Filter	Filter
Stores the username of the user...	Stores the password for the user	Stores the generated ID

Edits.db

Page_ID ▲	Version_ID	Version_Old	Version_New
Filter	Filter	Filter	Filter
Stores a generated ID of the page	Each number represents a different version of the page	Contents of old version of the page	Contents of the new version of the page

Page Draft

<h3><u>Home (Page name)</u></h3> <hr/> <div> Home Users My Pages Log In/Out </div> <hr/> <div> <div>Login</div> <div>Sign-up</div> </div>	<h3><u>Users</u></h3> <hr/> <div> Home Users My Pages Log In/Out </div> <hr/> <div> User1 User2 User3 </div>
<h3><u>My Pages/User Pages</u></h3> <hr/> <div> Home Users My Pages Log In/Out </div> <hr/>	<h3><u>Page1 [Title]</u></h3> <hr/> <div> Home Users My Pages Log In/Out </div> <hr/>

<u>[New page]</u> Page1 Page2 Page3	<u>Page Details here [if own page, edit button here]</u> <u>[if editing, pre-filled textbox with previously saved details here]</u>
--	--

Site Map:

Home (/)

- Outgoing routes:
 - Login (/login)
 - Sign-Up (/signup)
 - View Blog (/username/{page_id}) for viewing a specific blog

Login (/login)

- Outgoing routes:
 - Home (/) if successful login
 - Sign-Up (/signup) if the user doesn't have an account

Sign-Up (/signup)

- Outgoing routes:
 - Login (/login)

View Blog (/username/{page_id})

- Outgoing routes:
 - Home (/) to return to the main blog list
 - Edit Page (/page_id/edit) if the user is logged in and wants to edit their own post

Create Page (/create)

- Outgoing routes:
 - Home (/)
 - User Blogs (/username) to view all their created blogs

Edit Page (/page_id/edit)

- Outgoing routes:
 - View Blog (/username/{page_id}) after editing is done
 - Home (/) after editing is done

User Blogs (/username)

- Outgoing routes:
 - Create Page (/create)
 - View Blog (/username/{page_id})

CHART NEEDS UPDATE

