TEAM NONPROFIT2 - HONG WEI CHEN, VISHWAA SOFAT, MICHAEL ZHANG, CLEMENT CHAN
SoftDev pd1
TASK THE FIRST: The Plan
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SCENARIO: WEB LOG HOSTING SITE
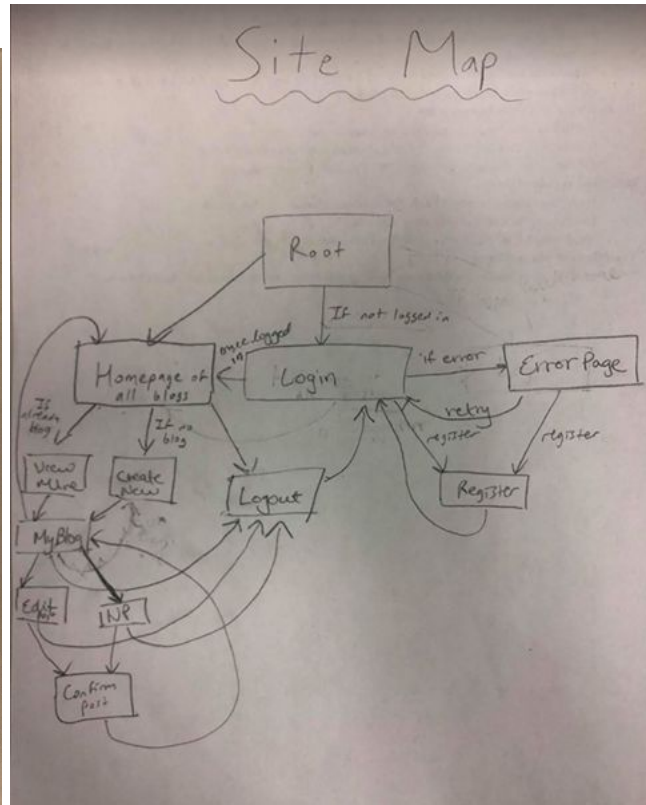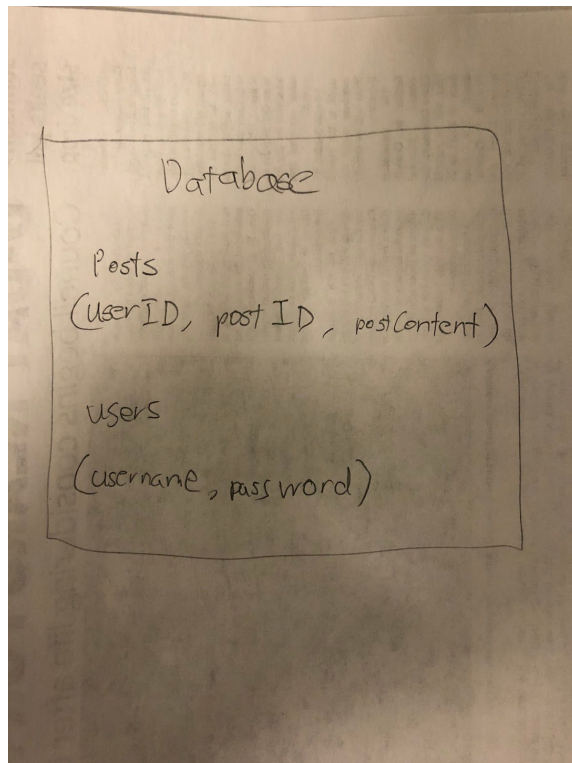
CORE FUNCTIONS & COMPONENTS:
1. Search
   - By user
   - By titles/keywords in blog entries
2. Login/Create account
   - Create new accounts
   - Assigns user a profile(own page)
   - Ability to create new blog entries
   - Ability to view and edit own blog entries
   - Ability to view blog entries by other users
3. Edit/Create
   - Requires user authentication
   - Inputs user info into database unique to that user
   - Stores edit history
4. Display
   - homepage that uses collective database to display links to entries by any user
   - Page unique to user(profile) with create and edit function, view own entries
   - Login page
   - Search bar
   - Result page
5. Blog entries
   - Will contain title, username, and content
   - Each user has their unique entries

ADDITIONAL FEATURES:
   - username/password change
   - Comments on entries by other users(requires login)
   - Navigation bar: homepage, profile, search(requires login)

COMPONENT MAP

FRONT END	Description	BACK END
LOGIN	Authentication, checks from users table	Users table
CREATE ACCOUNT	Creates new account, adds to users table	Users table
EDIT ENTRY	Requires user login, allows editing content of blog entries, adds to blog and history table and checks from users	Users table, Blog table, history table
CREATE BLOG	Requires user login, creates a blog unique to user, adds to blog and history table checks from users	Users table, Blog table, history table
ADD ENTRY	Requires user login, allows creation of entries, adds to blog and history table, checks from users	Users table, Blog table, history table
SEARCH	Allows user to search by user and blog titles/keywords, checks from users and blog	Users table, Blog table
SHOW HISTORY	Requires login, displays edit history of an entry, checks users, blog, and history table	Users table, Blog table, history table
HOMEPAGE	Requires login, displays a feed of all blog entries by registered users, checks from users and blog table	Users table, Blog table

Database

Posts
(UserID, post ID, post Content)

Users
(username, password)

Site Map

Root

If not logged in

Homepage of all blogs

Login

if error → Error Page

once logged in

View More

Create New

Logout

Register

retry

register

register

MyBlog

Edit

INP

Confirm Post

TASK DIVISION

Hong Wei
- HTML templates
- Flask apps

Vishwaa
- Project manager

Michael
- Python scripts

Clement
- SQL backend

Things to add:

Page Layout