TEAM FERRARI: Abid Talukder, Craig Chen, Raven (Ruiwen) Tang
SoftDev
P00 – Design Doc for Scenario Two
2022-10-30
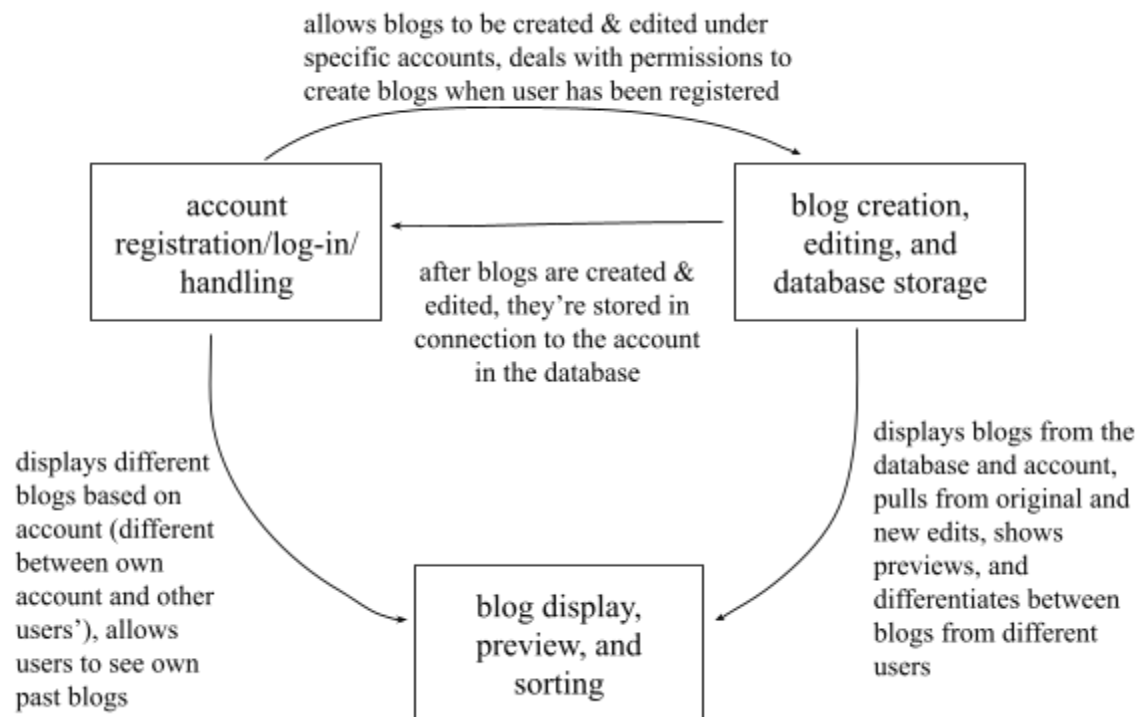time spent: 1.0 hrs
Target ship date: T 2022-11-15

Program Components
- Account registration/log-in/handling
    → will allow users to register to use the site and log back in (account registration and log-in)
    → will add user information (account ID, account username, password, e-mail, password, account creation date, etc.) to sql database when they submit form (account handling)
- Blog creation, editing, and database storage
    → will allow users to create a new blog, update their blog by adding a new entry, and edit their past entries (each blog is its own page, with several entries)
    → will allow users to title their blog and categorize their blog (either as Humor, Scary, Science, Network, or Adventure) in text boxes separate from the actual blog text box
    → will link blogs to the accounts that created them, and store blog text and entries in database, which can be edited
- Blog display, preview, and sorting
    → will allow users to view the blogs/previews of all users, see their own entries in one place
    → will allow users to digitally like blogs they enjoyed
    → will recommend blogs to users based on preference of category, which is determined by the categories of their previously liked blogs
    → will differentiate between blogs created by different accounts
    → will display/format blog text pulled from the database
    → will display other users' blogs like so: other users' blogs are displayed randomly. We choose a random blog, and display with it the user's name, and the first 300 characters. When users scroll to the bottom, the screen loads in more blogs.

Component Map

allows blogs to be created & edited under
specific accounts, deals with permissions to
create blogs when user has been registered

account registration/log-in/ handling		blog creation, editing, and database storage

after blogs are created &
edited, they're stored in
connection to the account
in the database

displays different
blogs based on
account (different
between own
account and other
users'), allows
users to see own
past blogs

blog display,
preview, and
sorting

displays blogs from the
database and account,
pulls from original and
new edits, shows
previews, and
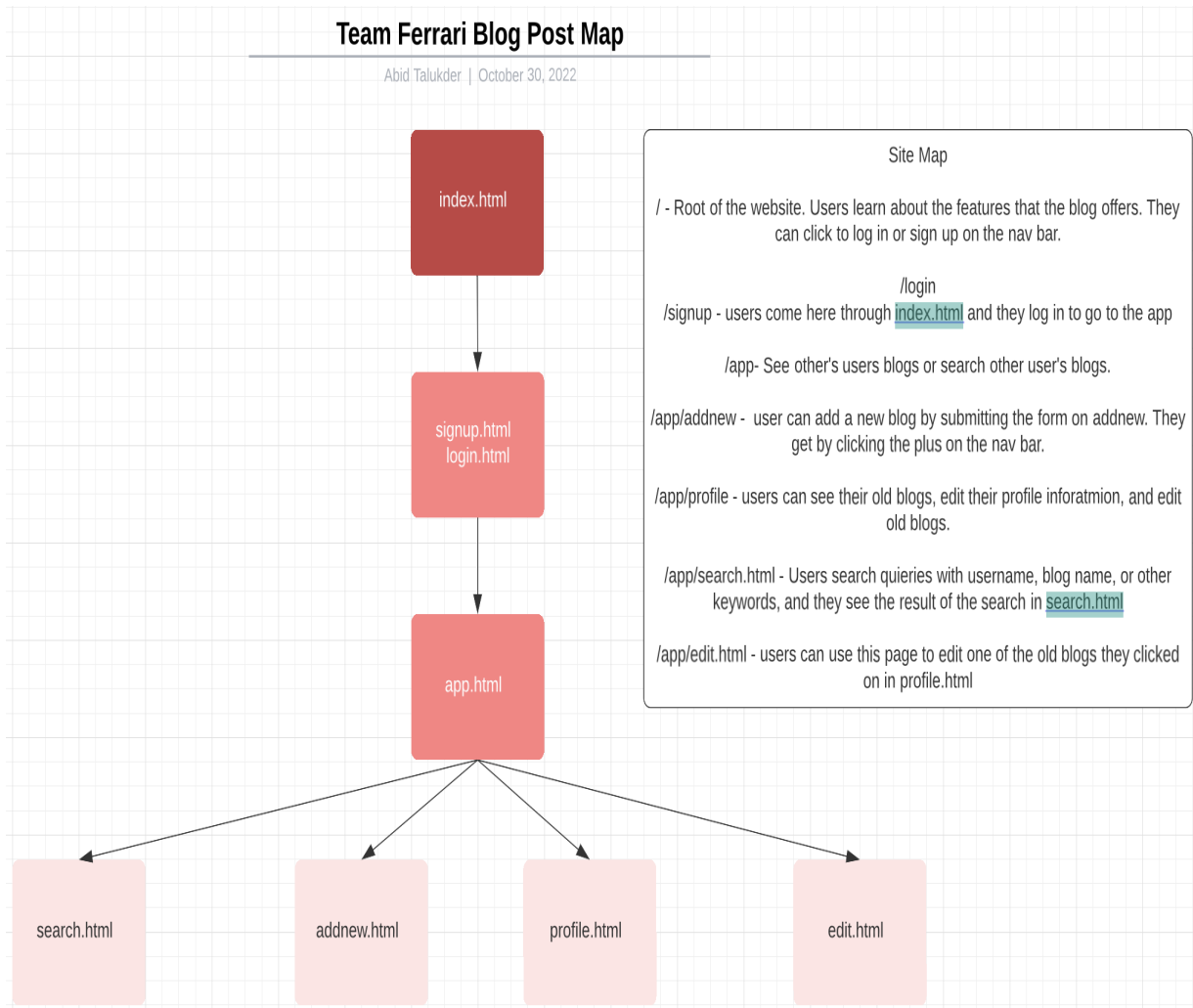differentiates between
blogs from different
users

Database Organization
- Blog users (list of column titles)
    - ID (randomly generated by our program)
    - Username
    - Password
    - Email
    - Phone Number
- Blog entries (list of column titles)
    - ID (of author)
    - Username (of author)
    - Genre
    - Title
    - Content

Site Map / Frontend

Team Ferrari Blog Post Map

Abid Talukder | October 30, 2022

Site Map

/ - Root of the website. Users learn about the features that the blog offers. They can click to log in or sign up on the nav bar.

/login
/signup - users come here through index.html and they log in to go to the app

/app- See other's users blogs or search other user's blogs.

/app/addnew - user can add a new blog by submitting the form on addnew. They get by clicking the plus on the nav bar.

/app/profile - users can see their old blogs, edit their profile inforatmion, and edit old blogs.

/app/search.html - Users search quieries with username, blog name, or other keywords, and they see the result of the search in search.html

/app/edit.html - users can use this page to edit one of the old blogs they clicked on in profile.html

index.html → signup.html / login.html → app.html → search.html, addnew.html, profile.html, edit.html

Task Breakdown
- Project managing (AT)
- Maintaining devlog/README (AT, CC, RT)
- Planning out design doc (AT, CC, RT)
- Populating and setting up database (AT, CC, RT)
- Writing out HTML skeleton for frontend pages (CC, AT)
- Populating HTML skeleton using Python methods and database information, ensure blogs can be displayed to the correct users (AT, RT)
- Creating account registration/log-in functionality (RT)
- Create editor page and text input/reception, linking to database and CSV files/updating blog entries (CC, RT, AT)
- Not part of MVP: search engine (TBD)