

TEAM FERRARI: Abid Talukder, Craig Chen, Raven (Ruiwen) Tang

SoftDev

P00 – Design Doc for Scenario Two

2022-10-30

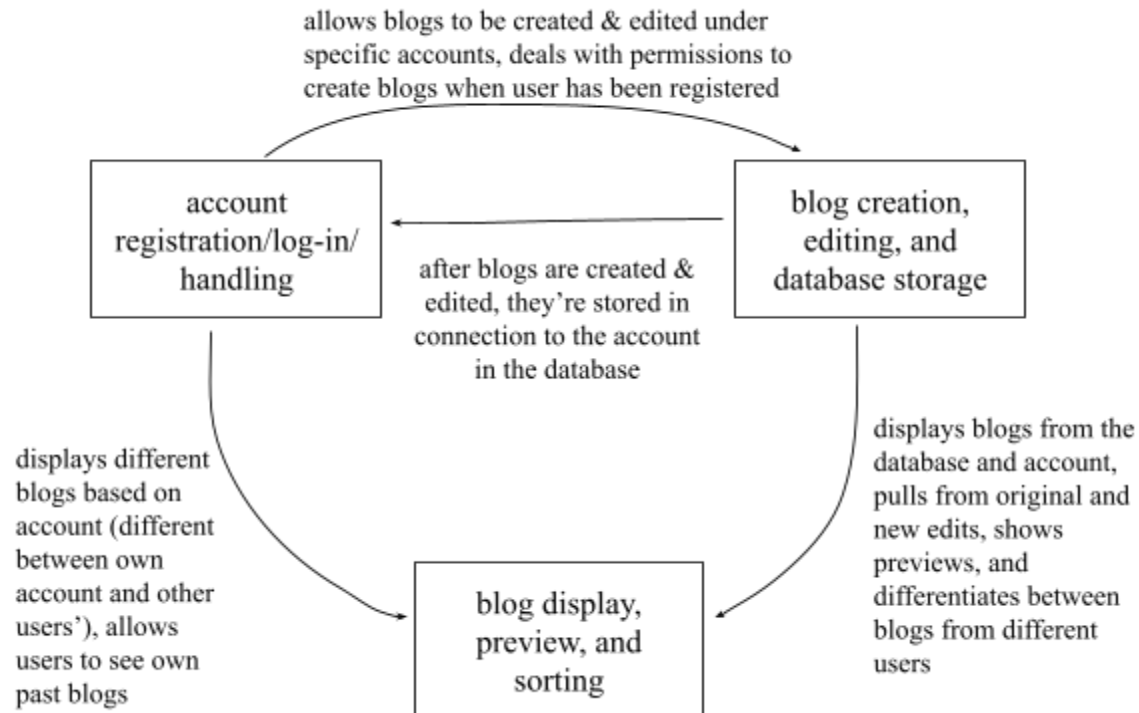
time spent: 1.0 hrs

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, real name, 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 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 choose to add to their bio
 - will allow users to view the blogs/previews of all users, see their own entries in one place
 - will differentiate between blogs created by different accounts
 - will display/format blog text pulled from the database
 - will allow users to search other people's blogs by blog name, keywords, or user name (not part of MVP)
 - 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.

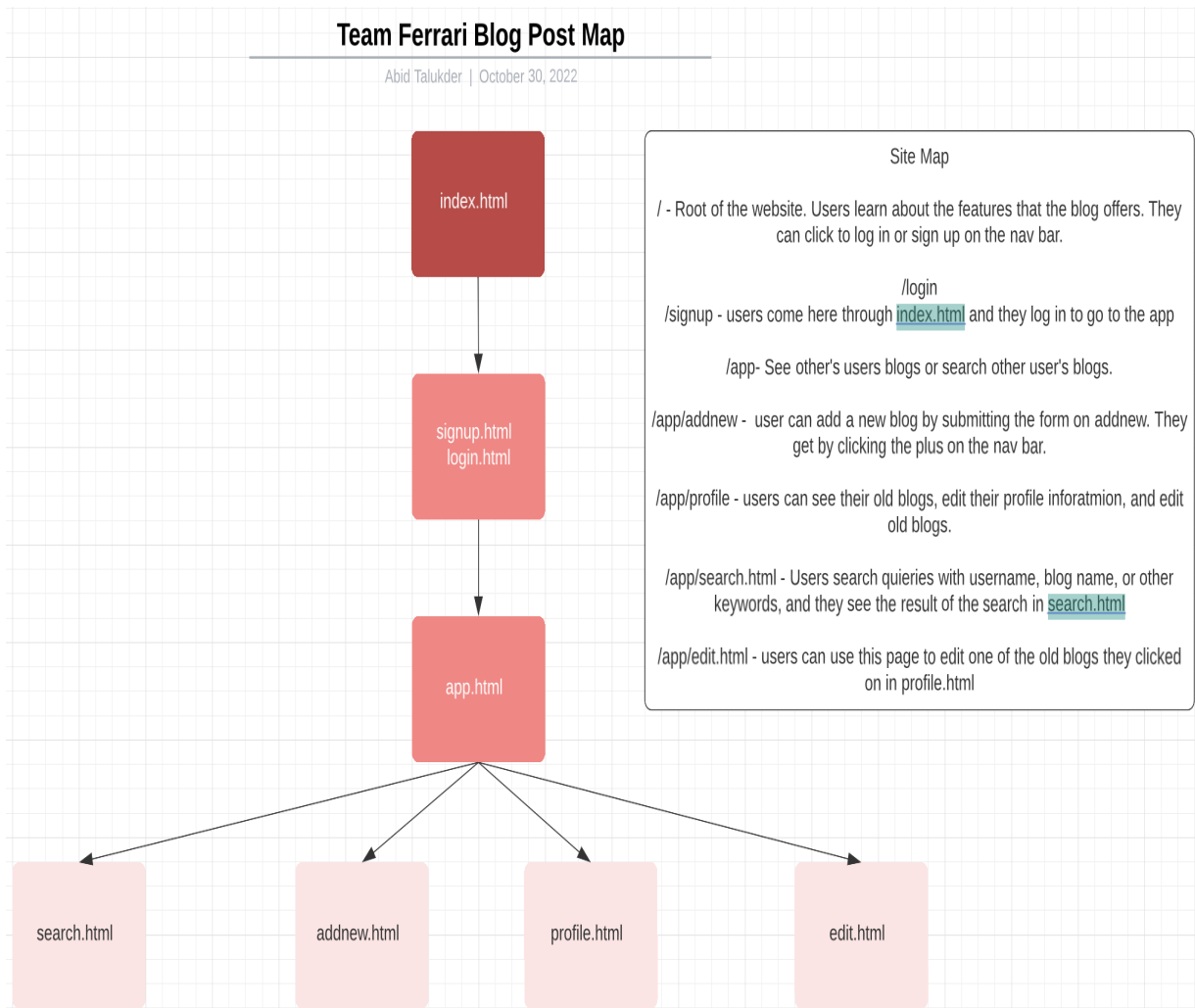
Component Map



Database Organization

- Blog users
 - ID
 - Full name
 - Password
 - Number of entries written
 - Account creation date/time
 - Last active date/time
- Blog entries
 - ID (of author)
 - Full name (of author)
 - Genre
 - Title
 - Content
 - Blog creation date/time
 - Last updated date/time

Site Map / Frontend



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)