

## **CS 326 Startup Assignment 07: Adding a Database**

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Due: Wednesday, 12/14/2016

\*We did submit a report by the due date, except this one is just an updated version of what we submitted a couple of days ago.

### **Special Server Setup Procedure**

#### **Individual Contributions**

- *Charles DeAngelis:*
  - Feature updated to use database:
  - HTTP routes updated to use database:
  - Additional contributions:
    - Fill-in work for different parts of project
    - Checking over functionality in different parts of project
    - Cleaning up code
    - Worked on debugging edit-profile to get it working with the rest of the project
    - Worked on getting results working effectively, and the modification of Kyle's code into our own project
    - Worked on Report and evaluated Lingering Issues/Bugs
- *Zineb El Mechrafi:*
  - Feature updated to use database:
  - HTTP routes updated to use database:
  - Additional contributions:
    - Added a new feature (host.js) where the host inputs the language, city and climate
    - Hooked the submit button to results by creating a function that matches language from the database to the option chosen in the host page
    - Worked on the database and changed it so that it fits the current criteria that we need to display
    - Worked on Kyle's result code and changed it up so that instead of showing random cities based on what's typed in the search box, the cities are actually queried
    - Currently working on making sure the other drop down option are queried from the database and matched with the cities in the database
    - Currently still working on MongoDB on profile and results and make sure it functions
- *Meghana Arvind:*

- Feature updated to use database:
- HTTP routes updated to use database:
- Additional contributions:
  - Added the resetdatabase.js file with the code given on the class website into our server/src folder.
  - Populated MongoDB with mock objects to reset the server
  - Hooked the “resetDB” route to the “Reset DB” button
  - The whole team worked together to figure out what changes needed to be made to the results page [what Kyle had worked on], and these were my contributions to that page: I modified the results page differently than what was said in SA 6 Report
    - Removed the population from the table and changed to “Number of Refugees”
    - Got information about actual cities around the world that have refugee crises and updated the database with that information
    - Changed “State” in the drop down menu in the search box to “Country” and added 4 countries
    - Added 4 different climates to “Climate” part of drop down in search box
- Submitted the report
  
- *Tenzing Yangla Lama:*
  - Feature updated to use database:
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  - HTTP routes updated to use database:
    - Edit profile: app.put('/user/:userid/editprofile', function(req, res)
  - Additional contributions:
    - Currently working on editProfile.js so that it pushes new profile info data to the database and updates profile at the same time. It’s not functioning properly yet so I am going to continue working on it.
  
- *Moussou N'Diaye:*
  - Feature updated to use database:
  - HTTP routes updated to use database:
  - Additional contributions: I focused on design elements and login functionality for this startup. I completely redesigned our home page (splash.js) to function primarily as a login screen, deleted all unnecessary elements, such as the navigation menu. I added a more inviting background (that is now the background for the entire site), moved the login menu to the middle of the screen, and added nicer typography I got from google fonts. Before doing workshop 8, I helped fake the login functionality by linking the “Login” button to the profile page. This was causing some routing issues (Profile wouldn’t load until refreshed) that I cleared up.

I then did an overall redesign of the whole site, making the backgrounds match the homepage, changing the button color to a light blue-gray, and making sure all text was a uniform font - Roboto.

Collaboratively, I worked with my team members to examine our matching functionality and try to deconstruct our results page to figure out it's logic. We all had to work to understand that page because Kyle, the team member who had worked on it, had left the team. I also took some time to examine our forum page, which had some bugs.

I'm currently working on implementing authentication and authorization for our login screen.

#### *Lingering Bugs/Issues/Dropped Features*

- We have stopped working on the forum until we can get functionality on all the other pages.
- Having trouble getting the Users pushed data in Edit-Profile to update the DB and then display
- Having Trouble with the Results Page
  - Trying to get matching between query language and actual languages displayed matched