Team Iron / Judit Chang, Michael Colombini, Katelynn Hull, Kira Maximova, Abdullah Pathan, Gavin Rios, John Wasikye

Weekly Development Report #7.

Performance Period: **Wednesday, 02/22 - Tuesday, 02/28**

1. **Group Accomplishments:** <designated team member (John) should summarize group accomplishments>
   - Changed the backend database back to the MySQL database.
   - Finalized our database ER diagraml and added the diagram to our Design 2 presentation slides.
   - Created the data tables for the user authentication information in Django

2. **Individual Contributions/Accomplishments:** (to be filled out by each individual)

- **Judit Chang**
  - I learned about Django, models in Django, and how Django interacts with databases.
  - Katelynn and I discussed the relationships between the entities in our database, and we determined the maximum and minimum cardinalities of these relationships. We created a document where these relationships are shown. I included this information in our Design 2 presentation slides.
  - Katelynn and I updated and finalized our database ER diagram. I added the diagram to our Design 2 presentation slides.
  - Katelynn and I created the data tables for the user authentication information in Django. Based on a discussion with Dr. Miller, indices will not be created because for our small database they are not needed. I let the team know that these data tables are ready for use.
  - I created an ER diagram for the data tables that hold the user information from Django. I let the team know. Also, I placed the diagram into our Design 2 presentation slides.
  - I cloned a fresh copy of our project, and used 'docker compose up' to start using Django. Also, I installed djangorestframework on my machine. The container is created, but then the execution stops. I reached out to the backend team for help.

- **Michael Colombini**

- o   Worked on Lab 1 final version.

- o   Changed the backend database back to the MySQL database.

- o   Started working on the API for the container guide. Specifically how to handle requests for the container guide from the frontend to the database.

- **Katelynn Hull**

  - o   I worked on revising Lab 1 version 2.

  - o   At our database meeting, Judit and I discussed the relationship between database tables and created a prep document with all the relationships worked out.

  - o   Based on the prep document, Judit and I edited and finalized our database schema for the second demo presentation.

  - o   Judit and I made the data tables for user authentication based on Dr. Miller's additions to the database branch on GitHub.

- **Kira Maximova**

  - o   Worked on Lab 1, version two file as well as the next Sec 1 & 2 in parallel

  - o   Updated the VScode to reflect the fix on VM

  - o   Continue to work on Google map api as there are two issues that trying to resolve

  - o   In parallel, connecting (on going) react native to the 'backend' (docker, django, sql)

  - o   Worked on connecting to VM using git bash as till this week was relying on PuTTy

  - o   Looked at several links for the sql commands per Dr. Miller' comment last Friday to return in javascript format; the transformation' steps were new to me

- **Abdullah Pathan**

  - o   Worked with Gavin in pair-to-pair programming of Django integration and react-navigation features

  - o   After receiving final comments on Lab 1, started making edits to finalizing Lab 1

  - o   Worked on Registration user interface, but may be added in with the Django integration work, may not be finished until then

- **Gavin Rios**
  - Collaborated with Abdullah on implementing the login/register connections and front end
  - Continued working on lab 1
    - Synchronized glossary with team glossary
    - Made grammar and phrasing revisions
    - Expanded upon certain ideas in section 4
  - Troubleshooting various environmental/dependency issues with Expo and our project sources

- **John Wasikye**
  - Worked on lab 1 version 2
  - Added the weekly development report to the website
  - Did weekly development report summary
  - Wrote django models
  - Pulled code updated by Micheal to reconnect django to the VM since the VM and database are back up
  - Testing if we can access specific data in the database
  - Testing if we can edit data in database

3. **Issues/Concerns:**

  - [description of the issue/concern]

<mark>Examples below… (remove this section before submitting the doc)</mark>
- **Selected Speech Recognition API not working:** investigating change to a different product
- **Resources to implement xx feature not available:** need to investigate/discuss alternatives…
- **Open source software is available to baseline feature xxx:** review with Professor to determine appropriate approach to include in Prototype