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

Weekly Development Report #5.

Performance Period: **Wednesday, 02/08 - Tuesday, 02/14**

1. **Group Accomplishments:** <designated team member (John) should summarize group accomplishments>
   - Set up a script file so that we can create SQL dump files from the database and push the SQL dump files to our GitHub repository
   - Set up two test data tables for both the backend and the frontend
   - Freed up disk space
   - Finalized the slides for our Demo 1 presentation.
   - Created a mockup for the 'Advocacy and Petition Sites'
   - Created the data tables in the database for the 'Container Guide' and for the 'Advocacy and Petition sites'

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

- **Judit Chang**

   o I set up the PPT for the Demo 1 presentation and worked on it.

   o I contacted CS root and asked them to increase the disk space so that we could do some development work. I notified all team members that the server might not be available in the coming days. I will provide updates to the team, to Prof. Hosni, and to Dr. Miller as soon as I receive information from CS root.

   o Katelynn and I met Dr. Miller:

   ▪ We looked more into the disk space problem that we had. By removing an unused volume, we freed up some disk space. Now we are able to create data tables.

   ▪ We set up a script file so that we can create SQL dump files from the database in the Docker container, copy the files into a folder outside of the Docker container, and push the SQL dump files to our GitHub repository. For this, we created a 'database' branch in our GitHub repository. Now, by executing the script, we are able to push the up-to-date SQL dump files to the GitHub repository.

   o I created the data table in the database for the 'Advocacy and Petition sites'.
   o I created the data tables in the database for the 'Container Guide'.

- o   I pushed the updated SQL dump file to the GitHub repository by executing the script.
- o   In GitHub, I created issues for Sprint 1 and Sprint 2.
- o   I checked that the two user accounts (backend, frontend) for the DB were saved by MySQL WorkBench (because last time MySQL WorkBench stopped working, while setting this up), and I let the team know that they can start using these user accounts with the corresponding passwords.
- o   I set up two test data tables for both the backend and the frontend, so that they can test inserting, and querying records. (I do understand that the frontend will NOT communicate directly with the database, they will use server side requests for database updates and queries, however, I thought that the frontend team members might also like to test certain things. If the front end team does not need the DB user account and the test tables, we can remove them.).
- o   Abdullah and I worked on the notes provided by Kira, and turned them into entries for the 'User Stories to Tasks' tables for our Demo I presentation.
- o   I updated some of the old mockups and created a few new mockups for the Demo I presentation.
- o   Katelynn and I finalized the slides for our Demo I presentation.
- o   Katelynn and I reviewed the data tables related to the 'Container Guide' and enhanced it (connection to the VM via ssh was not working at the time when we wanted to do this work in the DB, thus, we wrote the SQL script and will initiate the changes as soon as we have access to the DB).
- o   Katelynn and I started to work on the data table for the user accounts, and set up an initial version + the SQL script.
- o   I created a mockup for the 'Advocacy and Petition Sites', and modified the mockup for the main menu to include an element for 'Advocacy and Petition Sites'.
- o   I set up the PPT for Demo 2, and worked on slides.
- o   I updated GitHub Issues based on the new Sprint deadlines, and in 'Projects', I set up a view, 'Prototype_Dev' where a board / a timeline shows the issues. Also, I started to integrate tasks and user stories from the "User Stories to Tasks" table into our GitHub Issues.

- **Michael Colombini**
  - o   I worked on setting up the Django models for the database.
  - o   I worked on developing the API for the connection between the frontend and the backend.
  - o   I assisted in presenting the informal prototype demo.
  - o   I helped with the Prototype demo slides.

- **Katelynn Hull**
  - o   I worked on the slides for our Demo 1 presentation.

- I had a meeting with Dr. Miller and Judit where we resolved the disk space problem by deleting an unused volume to get more space.
- Judit and I, with the help of Dr. Miller, also created a new branch in our Prototype GitHub repo for the database dump files and made a script to push these files to GitHub.
- To test the script, Judit and I created a test table in the database and pushed the dump file to GitHub.
- I helped finalize the slides for the first Prototype Demo presentation.
- I updated the prototype MFCD for the demo presentation and uploaded it to the website.
- I created a demo presentation section linked to the dropdown menu and uploaded the Prototype Demo 1 presentation to the website.
- I reviewed the tables for the Container Guide with Judit and made edits. As neither of us could connect to the vm, we edited the SQL file and it is ready to be uploaded as soon as we can access the database.
- I worked on the user account data table with Judit, discussing the design and writing the SQL statements.

- **Kira Maximova**
  - participated in Demo 1 slides by rearranging previously created user stories by splitting or adding fillers to be focused on feature (screenbased) rather than role;
  - separated user stories with the appropriate mockups so that tem members wouldn't need to read every line to decrease the set up time (original mockups were modified with the truncated versions)
  - looked at the volume issue on VM that was brough up during last Friday' meeting;
  - resolved the some minor issues with Zoom on my developer computer;
  - connected MySQL to vm;
  - familiarized wit GitIssues: started working on #12;

- **Abdullah Pathan**
  - Met with Gavin in regards to front-end progress and which route to take (docker/back-end connection vs. local development). Gained direction and next steps from these meetings.

- Started working on the Advocacy and Petition interface, based on the mockups/notes created by Judit
- Worked with Judit on creating Tasks from User Stories before Demo 1 presentation
- Submitted a Group Review Evaluation
- Got confirmation and clarification on direction for front-end work from the team

- **Gavin Rios**
  - Met with Abdullah over front end plans, what work to prioritize, local development vs docker integration. Clarified next steps.
  - Developed front end responsive login page with mock prompts and buttons
  - Clarified front end direction as discussed in meetings and demo
  - Discussed front end prototype capabilities in demo

- **John Wasikye**
  - Helped with the slides for demo 1 presentation
  - Researched React native to
  - Researched how to connect to front end to backend
  - Downloaded mySql
  - Submitted Peer Evaluation

3. **Issues/Concerns:**

- No access to the disk space on certain days, we are making the assumption that the CS department is working to increase our disk space during those times. Prevents users from logging into the VM.