

First Iteration Demo

ACE ASE Team

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Details of Demo:

We completed the demo at 6:15pm on Wednesday, November 7th.

Most parts of our demo went smoothly, but the one part that posed a challenge for us was showing that our pre-commit file is generated when we commit to GitHub. For some reason, when we performed a sample commit to show that our pre-commit file is created, the pre-commit file was not showing up where it was supposed to be (although it worked several times when we were testing it last week before our initial submission). The issue ended up being that the our file that runs the pre-commit command was seeing the command as text that was part of an error message rather than a separate command. Once we moved that error message, the pre-commit file was generated with no issues. It is interesting that we ran into this issue during the demo and not at all while we were testing and building our software.

User Stories Demonstrated:

The user stories that we demonstrated in this demo were the “user logging in” and the “user signing up” user stories. The “user signing up” user story is a new user story that we added after we created our revised project proposal, as we realized that for the logging in process to be effective, new users must be able to create an account. We demonstrated that a page appears stating that the information fields must be filled in when the user attempts to create an account with null values in all the fields. Additionally, we demonstrated that when a user attempts to create an account with an existing username in the database, a page appears stating that the username already exists. For log-in, we demonstrated that an error page will appear stating incorrect

username or password when the user enters a correct username input with an incorrect password. Lastly, we demonstrated a successful login attempt when the user is on the login page and inputs the correct username and password.

Another change that we have made to our revised project proposal is that when the users sign up, we ask them to fill in answers to security questions. The reason for this is that we have added a “user forgets password” user story. We are planning on implementing this “user forgets password” user story in full for the next iteration. Essentially, it will allow users to click a button on the main page that says “Forgot Password?”. Then, once they enter their username and the correct answers to their security questions, they will be able to see their password (hence the reason that we include security questions when a user is signing up).

Brief Overview of our CI Mechanisms:

TravisCI utilized our Maven build to notify us if there was a build failure any time that we pushed code to our github repository. TravisCI does so by running the test cases that our Maven build runs.

For the pre-commit we used FindBugs. We used a pre-commit hook to run the findbugs command on our project. The output is redirected as an xml file to our local “target” folder. This will let us know if there’s any bugs in our code before we even commit it.

Our testing allowed for 83% coverage of our interactions between the database. We have not yet begun testing on any interactions between the user and the GUI. This is because JavaFX (which we used for the interface) does not have many ways to test itself. Because of this, our overall coverage was a lower 21%.

GitHub Repository:

The link to our github repository is: https://github.com/francescacallejas/MyPlace_ASE

Everything that is in the repository was shown in the demo, as this was our first demo.

