Milestone 7: Final Report

Agile Methodology: In theory the methodology worked well, however, in practice it was difficult for all of us to meet up and keep in constant communication about what everyone else was doing, even with all of the collaboration tools we used. However, us all being students played a role in our difficulty with agile's need for constant meetings and communication. In the future when we only have one team and one job to work on, agile will likely be a very useful methodology.

Github: Lack of knowledge with github inhibited our use of it. We had errors pulling and pushing the project to the repository as well as having trouble with keeping the database functional on the repository. Otherwise Github allowed us to keep the project current and up to date which was incredibly useful.

Trello: Useful for storing information about project. We didn't update it enough to fully utilize its potential. Hard to keep the tasks updated because it was hard to predict how to do certain tasks. Trello was very helpful however for planning and keeping track of our sprints. As long as people were updating the status of the tasks they were working on in trello, all the teammates could get a good idea of our progress in each sprint really quickly.

Django: It took our team time to understand Django so using this framework gave us a slow start. Some of the tools gave us issues, such as the built in user database that we couldn't figure out how to manipulate for awhile. Django was useful because the templates and already set-up infrastructure allowed us to get up and running quickly. It was also useful because most of our team members are proficient in python which is the main language used in django.

Slack: Excellent communication tool. Allowed us to organize our meeting time and communicate about our project either individually, or with the whole team. Also, communicating on slack was useful because it is easy to search the chat log and find information from past conversations.

Google Docs/slides: Great tool for collaboration. Whether we were working together in person or remotely, it was always very convenient and allowed to to not only edit documents and presentations simultaneously but communicate with each other via google chat functions and space for notes. We actually only ran into issues with our documents and slideshows when we downloaded them to a format other than google docs.

Write up on the status of the project based on its goals and objectives.
Include a list of accomplishments, outstanding issues, and a plan to reach
the goals in the future.

Accomplishments:
- Fully functional quiz game
- User register/login page
- Matching users based on quiz answers
- Created an aesthetically pleasing website

Outstanding issues:
- No server
- No way to modify profile information or contact match since there is no email-address associated with each user account
- No page to edit profile information

Plan to reach goals in the future:
- Set-up server
- Improve matching algorithm
- Make more questions for quiz
- Modify database to include email-address
- Add profile modification page
- Set-up advertisements
- Add messaging platform
- Make more quizzes for specific genres (examples: biology, geology, computer science)