

PennWest California

DeckTechCentral

Weekly Report 11

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For this week, we aimed to set up the Profile page and authentication, which are the last parts needed in the DeckTechCentral application. After that, we wanted to do any testing and polishing possible, up until the source code due date of April 21, 2024. In addition to the project, the User Manual will need to be completed. We had already received feedback for the rough draft, which we wanted to incorporate into what will be the final version. Further, we wanted to get it reviewed by the PennWest California Writing Center. Finally, we wanted to prepare the presentation. Paul had made the base slides for the presentation, which needed more detail and visual elements. Of course, we also needed to determine who will be doing what for the presentation, and practice ahead of time.

The Front-End saw several changes during this week. Luke set up the Profile page, which consists of a component for logging in and the user's decks (if they are logged in). He also did a "Deck not found" page, as well as several polishing updates. Paul had found a bug where signing up for an account would not work; he fixed it by correcting a variable name which holds the username. He also found a bug where navigating to a valid deck in the search results would go to the "Deck not found" page; this was due to an oversight where an authentication token was requested for every deck load, which Luke fixed. The Back-End also had several changes this week. Christian completed the authentication system and fixed several issues related to various functionalities on the application. The entire group reviewed changes made and tested several scenarios on the website to catch potential issues.

There were no major setbacks this week. Due to the amount of work being put in, there were some minor mistakes made, most notably the Front-End oversights mentioned earlier. However, once pointed out, these were easy to fix. The group had a discussion this week about what the overall setbacks were for this project, and for the most part, we actually managed to hit

our goals. OAuth was the biggest casualty, and we never implemented exporting a deck, but everything else was small or irrelevant. Paul brought up that we never implemented a “Moderator”, but it was debated if we were ever going to do that in the first place.

In terms of the presentation, the group has put much thought and effort into it while not waiting until it's too close to the deadline. Paul's initial presentation was helpful, but it needed a lot of changes. We met as a group to improve the information, add points that we felt were important, improve the screenshots, and set a theme. Dr. Pyzdrowski graciously offered class time in Language Translation to practice our presentation, which we took advantage of on April 16, 2024. After receiving feedback from Dr. Pyzdrowski, we performed the same presentation for Dr. Mohamed on April 18, 2024. Overall, our presentation fared well, but we did have issues with using too many “filler words” and fidgeting/moving around. Luckily, these are indicative of a lack of preparation, which just means we need to practice more.

As the project must be completed on April 21, 2024, this is the last weekly report. In the days up until the due date, we will be extensively testing the application to look for any possible bugs to fix or improvements to make. As we already found out last week, this due date does not include deployment. Along with the source code, instructions will need to be provided so that anyone who needs to can run our code to verify operation of the application. Paul wrote detailed instructions on how to set everything up and tested it on a spare computer to verify he could start from a clean state and end with a working application. Christian might write a script which will automate parts of said guide, but both would be provided in case any troubles arise. Further, the User Manual will need turned in on April 21, 2024; the group is mostly done with it and aims to take it to the writing center. Lastly, the group will make any improvements needed to the

presentation, then present it on April 26, 2024 to the advisory board. Our presentation will be 15 minutes long including questions, which is something we will have to consider.