

Foundation Project Presentation

Test Summary Report

The scope of my testing included observing how an existing user and a new user would interact with the Planetarium application. I went through the process of creating an account, logging in, and creating and deleting planets and moons. Looking at my Test Summary Report, you can see the distribution of data based on my test cases from case priority, execution, and defects. This gave me a good overview of how a user can interact with the application and what resources they have access to and can interact with.

Through my testing, I made several meaningful discoveries, one of which was that any new user who creates an account with the Planetarium is only able to view moons that have been added to the database. I believe this is due to an implementation where a user can only view the resources that have been created under their user ID and moons are not stored in the database under that ID. Another interesting discovery I made was how any user can delete any of the planets and moons that exist within the Planetarium. This presents a major issue as any user can create an account, log in, and start tampering with the data created for the application.

Acceptance Testing Summary Report

I believe that most of the interactive aspects of the application could be improved to help the user better understand what functions happen within the Planetarium. Fail alerts should be more descriptive, such as why the user was not able to delete a planet. Confirmation alerts should be given whenever the user successfully adds a resource to the Planetarium. A button should always provide feedback to the user to inform them of what has happened or what needs to be done. Finally, the application can be visually improved on the 'Create Account' and 'Login' page to make it more inviting and improve the layout display provided for planets and moons on the 'Home Page'.

Sprint Retrospective

What Went Well: (I believe what went well during the sprint was...)

- After implementing the first few test cycles, it was easier to grasp and understand the process of creating test cases and combining them into a cycle as it became pretty repetitive.
- Having all of my test documentation organized and prepared before starting any work in Jira made it easy to implement as for the most part I could just copy it over.

What Can be Improved: (For next sprint...)

- I can improve my time management and develop a better schedule to keep myself on track so I don't feel rushed during any point of the project.
- Some test cases may have been redundant as I noticed at one point I tested the same case with maybe a minimal difference, so to review and check all test cases before executing them would help prevent doing extra and possibly unnecessary work.