Foundation Project: Acceptance Testing Summary Report

Use Case ID: 1

Description: Users should be able to open a new User account with the Planetarium.

Actors: New User

- The size of the 'create account' button is very small and it's location is not convenient. I believe it could be made bigger and centered to make it more prominent for users.
- After successful account creation, the user is not redirected to the login page and there is no back button within the application. This leaves the user suck and forces them to use the back button within the browser.
- The Create Account page is not very pleasing to look at as it is a plain black screen with an input section stuck in the middle of the window. It could be improved to make it more inviting for users.

Use Case ID: 2

Description: Users should be able to securely access their account.

Actors: Existing User

- The Planetarium Login page, like the Create Account screen, is also not very pleasing to look at. One positive is that the service is consistent between the two pages.

Use Case ID: 3

Description: Users should be able to see planets and moons added to the Planetarium

Actors: Existing User

- For the pre-existing user "Batman" who already has planets and moons added to the Planetarium, the home page provides a good visualization of all resources. Contrary to a new user where they are presented with just the planets that have been added to the Planetarium.
- I do believe that the text provided for each resource could be displayed to look more pleasing and not as much as we are given a database view with a picture next to it.
- It would also be intuitive if a user could click on a planet to either get more information, see its associated moons, or perform an action on it from the said page. When I first launched the application I attempted to click on the planet as it looked like you could.

Use Case ID: 4

Description: Users should be able to add new Planets to the Planetarium

Actors: Existing User

- When creating a planet, if no image is provided the submit button becomes unresponsive and no feedback is given to the user. The Software Requirements state that a user should be able to add a planet without an image but even if this wasn't a requirement, the application should give a response every time the submit button is clicked.
- Something else that can be useful to a user is a confirmation message when a new planet is successfully created instead of just refreshing the page. It provides reassurance that the resource was added to the Planetarium.

Use Case ID: 5

Description: Users should be able to remove Planets from the Planetarium

Actors: Existing User

- A user should also get a confirmation message when a planet is deleted from the Planetarium so they are reassured the action was completed successfully. Again, here the page just refreshes and displays the updated info so with a lot of resources it could become difficult to figure out if the task was completed.
- Whether this was intended or not, a planet cannot be deleted from the Planetarium when it has an associated moon. I think either keeping or removing this function would be intuitive, but it should be made clear to the user what the rule is as when I tried doing so, I thought that the delete feature entirely did not work.

Use Case ID: 6

Description: Users should be able to add new Moons to the Planetarium associated with a Planet

Actors: Existing User

- The drop-down used to choose between planet or moon could be better implemented. Whenever the home page is loaded, the drop-down already has 'Moon' selected which prevents the user from having the moon creation options appear until they select 'Planet' and then go back to 'Moon'. I think a better version of this would be to have a third 'Choose Type' option be loaded with the home page and then a user can go from there.
- The previous issue that arose from attempting to hit the submit button without providing an image exists with 'Moon' as well.
- When a moon is created, it is not given a user id to associate with either in the database or displayed on the Planetarium. This causes a multitude of issues but on the surface, it is harder to know who the moon was created by and belongs to.

Use Case ID: 7

Description: Users should be able to remove Moons from the Planetarium

Actors: Existing User

- Just like the planets, when deleting a moon, a user should get a confirmation alert that the moon was successfully deleted and not have to question it.

Overall Acceptance Testing Summary

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'.