User Acceptance Testing Summary

- As a new user, I want to open an account with the Planetarium so I can save my celestial findings

To accomplish the above user story, the user starts on the login page, hits the create account button, and supplies their credentials. This is highly intuitive and does not require a complex procedure, making the service easy to use. However easy it is to use, it cannot inspire confidence as there are several issues that a user would not know how to resolve, for example when trying to create an account with a username that already exists, the user is unable to create the account, and isn't given a reason as to why. Additionally, the page itself isn't the most appealing and could use some styling.

On a scale of 1-4, I would rank the user story a 3. It manages to pass most criteria with easily fixable defects. To improve the features, it would only require a short amount of time from the developers. Similarly, the appeal of the page could easily be achieved through minor changes to font and styling.

- As a user, I want to securely access my account so I can interact with the Planetarium in a secure environment

To achieve this user story, the user simply inputs their credentials and logs in. If the credentials are incorrect, the application reports a simple alert saying invalid credentials. This is highly intuitive and leads to ease of access for the user. Due to the simplicity of the design, we can be sure of its ability to inspire confidence in the user's security. For example, when the user types their password, it is made sure that the password is not visible. While passing with full marks on the rest of the features, it once again fails to please the eye. The page itself does not contain any images or design styles that would hook users to use our services.

On a scale of 1-4, I would give the user story a 4. The issues I have seen with the design itself overlap with the general theme of the application and therefore do not warrant a loss of points on the appeal of the design.

- As a user, I want to see my planets and moons added to the Planetarium so I can track my findings

The steps to complete this feature simply involve logging in. Once a user has provided valid credentials, they can see their previously created elements. While this is an intuitive feature, it has some defects. We can see another user's celestial bodies, leading to a poorly designed feature. This leads to a lack of confidence in the product. Ignoring this fact, the service is easy to use. If the intended design was to maintain simplicity, the feature does accomplish this, however, it could be further developed to make it more appealing visually.

On a scale of 1-4, I would give the user story a 2. The defect found directly goes against a key security requirement and therefore it is poorly made. The lower score is a reflection of how well the feature does what it was intended to do. While the flaw causes a severe issue, the design itself is still usable and works as intended for other users.

- As a user, I want to add new planets and moons to the Planetarium so I can update my findings

Adding new elements to the planetarium is fairly straightforward. Once the user has logged in, they will be redirected to the home page where buttons displayed direct the user on how to add new elements. With this in mind, the feature is easy to use and fairly intuitive. Again, due to small defects, it does not inspire absolute confidence, but enough to make the feature viable. The service itself is pleasing to look at for its simplicity.

On a scale of 1-4, I would give the feature a 3. It fulfills the requirements asked by the stakeholders except for a single alert being absent. Except for this defect, the program works as intended.

- As a user I want to remove planets and moons from the Planetarium so I can correct my findings

Removing elements is similar to adding the elements and just as straightforward. Once the user has logged in, they can simply type the name of the element they wish to remove and remove it. Given this simple procedure, the feature is easy to use and the simplicity is pleasing to work with. Since the application works as intended, it does instill confidence in the product.

On a scale of 1-4, I would give the feature a 4. It perfectly does as intended. It meets the requirements laid out. Additionally, it provides the user with enough details to allow them to intuitively learn the application. Therefore, it deserves a score of 4.