User Acceptance Testing - Planetarium

US1 - As a new user I want to open an account with the Planetarium so I can save my celestial findings

Score: 3 - Good

1. Is the intended use of the service intuitive?
   The intended use of the account registration feature is very intuitive. The registration page is simple and effective and can be easily accessed from the login page when the application first loads. The placeholders for username and password inputs help clearly identify their intended uses.

2. Is the service easy to use?
   The service is generally easy to use. I feel the registration is easy to use, and in almost all cases, provides feedback to the user through an error alert if their registration is unsuccessful. However in the case that a user provides a username that is already taken, no feedback is given. Additionally, when a user provides an invalid username or password, no reasoning is provided as to why the username or password is invalid.

3. Does the service inspire confidence?
   The service does inspire confidence through the use of error alerts, providing feedback to the user when they are attempting to create an account. If the user chooses an acceptable username and password then the user is reassured their account was created successfully with an alert.

4. Is the service pleasing to look at?
   Overall the service is simple and pleasing to look at. The contrast in colors chosen for the registration form help identify the input fields clearly. Although the registration feature is simple and effective, the general theming could be improved to match that of the home page. The background could be changed to match the background of the home page, or styled with a more celestial theming.

US2 - As a user I want to securely access my account so I can interact with the Planetarium in a secure environment

Score: 3 - Good

1. Is the intended use of the service intuitive?
   The intended use of the login page is very intuitive, with the form for logging in clear and in the middle of the page. The label for the login page and a button to switch to account

creation clearly indicate to the user that the intended use of the page is to log in, providing a username and password, to an existing account.

2. Is the service easy to use?
   The service is easy to use, provided the user remembers their username and password. A problem arises when the user may forget one or more of their account credentials and has no way to recover them.

   The service is easy to use
3. Does the service inspire confidence?
   The service does inspire confidence that the user cannot login unless their username and password are matched to an existing account in the database. The user is assured that their account is secure.

4. Is the service pleasing to look at?
   Similar to the registration feature, the login feature is simple and effective. The color contrast for the username and password inputs and the rest of the background make the form standout. However, similar to the registration page, the theming could be updated to match that of the home page.

US3 - As a user I want to see my planets and moons added to the Planetarium so I can track my findings

Score: 3 - Good

1. Is the intended use of the service intuitive?
   The service makes it easy to track findings by displaying planets and moons in an organized table with clear navigation options. However, the table header does not remain visible while scrolling, which can disrupt usability for longer lists.

2. Is the service easy to use?
   The service is user-friendly as celestial objects are listed clearly. A sticky table header would make the experience even smoother by maintaining visibility of column labels.

3. Does the service inspire confidence?
   The service inspires confidence by accurately updating the table whenever new planets or moons are added and displaying data reliably. Users can trust that their added celestial bodies are securely saved between login and logout.

4. Is the service pleasing to look at?
   The service has a visually appealing interface with cleanly designed rows and celestial-themed images. Adding sticky functionality to the table header would further enhance its usability and appearance.

US4 - As a user, I want to add new planets and moons to the Planetarium so I can update my findings.

    Score: 2 - Ok

1. Is the intended use of the service intuitive?
   The form for adding celestial entries is intuitive, with clearly labeled fields for planet and moon details. However the fields for adding and removing planets and moons feel clustered together, and when using the application I often found myself typing in the wrong input for adding/removing a celestial body.

2. Is the service easy to use?
   The service is simple to use, as users can fill out and submit the form for new entries efficiently. Separating the forms for adding and removing entries would improve clarity and prevent potential mistakes.

3. Does the service inspire confidence?
   The service does not inspire confidence in that when a planet or moon is added, there is no confirmation message telling the user it was successfully added. This would help the user feel reassured their addition was successful, instead of them having to look for the planet or moon in their list which could become difficult when the list is long.

4. Is the service pleasing to look at?
   The form is generally pleasing to look at, however I do feel there could be style changes to form. Simple changes such as fonts and colors to match the background and space theming could improve the addition of planets feature as a whole.

US5 - As a user, I want to remove planets and moons from the Planetarium so I can correct my findings.

    Score: 2 - Ok

1. Is the intended use of the service intuitive?
   The process for removing planets and moons is intuitive. However, the close placement of the removal and add-entry forms can be confusing.

2. Is the service easy to use?
   The removal process is somewhat trivial, as users are required to type in the planet name or moon name in order for it to be deleted. Alternative options, such as a checkbox next to each planet or moon to be deleted may be a solution to improve usability.

3. Does the service inspire confidence?
   The service does not inspire confidence that a planet is deleted after the user has successfully deleted a planet. There is no confirmation message indicating the planet has been deleted and the user may not know for sure if their deletion was successful. These measures would help users feel assured that the platform is handling their corrections appropriately.

4. Is the service pleasing to look at?
   The form is somewhat pleasing to look at, however the fields for adding and removing planets and moons feel too close together. I feel there may also be several improvements made to the styling of buttons and other fields, such as the logout button.