63 Total Test Cases

<https://revature-team-thomas-training.atlassian.net/jira/software/c/projects/PLAN/boards/2>

<https://github.com/ThomasKay605/team1>

**What went well:**

* Teamwork
* Communication
* Work being completed on time when we didn’t have external factors slowing us down
  + All steps prior to test cycle closure were completed on time or ahead of time
* Becoming more comfortable with Git and Github
  + We learned about creating and using branches to perform work on our project
  + We learned how to Github’s branch protection features to make sure that our main branch does not have conflicts
  + We learned how to use Github’s pull request feature so that a team member can review and approve another team member’s work before being merged into the main branch
* Able to accomplish 3 weeks of work for manual testing into 2 weeks
* Organization
* Jira - AIO
  + Learned how to convert test cases from AIO into feature files via the Gherkin syntax
  + Become more comfortable with using Jira as it took us less time to create test cases and cycles compared to the previous sprint
  + Learned how to import a JSON file into AIO cycle creation so test results can be automated
  + Learned how to import feature files into AIO in order to make test execution easier after implementing steps
* Marcell’s debugger helped us to spot problems before they became worse
* Performing peer programming to make sure everyone was working together on the project
* Learned about utilizing environment variables to save the absolute path of a file in order to upload an image in the browser with Selenium

**What can be improved:**

* Work could have been done even earlier to possibly prevent external factors from slowing us down
* Thomas’s stubbornness of solely using VSCode to perform Cucumber testing, which resulted with some errors in the tests and less time for testing
* Duplicate steps should be caught before implementing them to save time when testing
* Reinforcing what we learned so it is easier next time
* Learning how to use Selenium dynamically and statically as obtaining elements on the home page were more difficult than others (heading (static) vs table cells (dynamic))
* Uniforming our predefined parameters

**What work needs to be done next sprint:**

* Thomas should perform and correct his tests for User Registration and User Login after he had become more comfortable with testing Cucumber with Maven
* Marcell should fully complete tests in Moon Creation and make sure they run correctly. When running into issues, he should use the debugger more strategically.
* Imran should create another case for Planet Deletion in order to completely test the ownership of planets and updating the Waits where needed
* Update RTM requirements for the future sprint to include
* Henry should learn how to compare images to make sure user is looking at the correct images