**Team Jelly: Deliverable 4**



**CSCC01**

**November 13th, 2016**

**Team 25**

**Members: Dennis Tra, Henry Liu, Angelina Choi, Kelly Mo, Kris Lai**

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**Overview of progress from deliverable 3 to deliverable 4**

**System Design**

**Product Backlog – Sprint 2,3,4**

At the beginning of sprint 2, we had originally planned to compare using CSV files, but decided to change the comparison to two XML files as oppose to two CSV files. As a result, we saw a dramatic increase in story points needed for story 7 from the original value of 3 story points to 24 story points used.

Note:

-Changed Values represented by (OLD -> NEW)

-1 Story point = 0.5 developer hours = 30 minutes

|  |  |
| --- | --- |
| Priority: P  Story points: SP  Developer Hours: H | User Story |
| **P**: 4  **SP**: 4 -> 12  **H**: 5 | Story #4: As Hanno (an admin), I want to be able to open a file, stored on my computer to see the information of a system that has been updated from another catalogue |
| **P**: 5  **SP**: 10 -> 4  **H**: 2 | Story 5: As Hanno, I want to pull a XML file of the updated system corresponding to the table columns of my repository |
| **P**: 6  **SP**: 4  **H**: 2 | Story #6: As Hanno, I want to push an XML file |
| **P**: 7  **SP**: 3 -> 32  **H**: 12 | Story #7: As Hanno, I want to be able to compare two XML files representing the initial catalogue information versus the updated one. |
| **P**: 8  **SP**: 4 -> 5  **H**: 2.5 | Story 8: As Hanno (an admin), I want to change the units of measurements that updates from other catalogues should be converted into before committing to my repository. |

Our original Story 8 has been removed. While working on our story, we noticed that we would be unable to modify existing files on disk to track changes due to security issues. After consulting with Hanno, we established that he wants to see the changes via pull request on git.

|  |  |
| --- | --- |
| Priority: P  Story points: SP  Developer Hours: H | User Story |
| **P**: 8 (Now removed)  **SP**: 8 ->10  **H**: 5 | Story 8(Removed): As Hanno, I want to be able to view the description of a system that has been updated from another catalogue in a table format in an html page |

**Sprint Plan – Sprint 2,3,4**

We saw significant changes to our Sprint plan. The most notable coming from a removal of a user story. Our original user story 8 was removed as we realized we would be unable to modify existing files on disk using this method due to browser security issues. The second change we observed with our sprint plan was the increase in story points needed for certain stories. Story 7 saw the biggest increase in story points needed as research and development took longer than expected

Dennis -D

Henry – H

Kris Lai – KL

Kelly Mo – KM

Angelina - A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| User Story | Task | Sprint 2 | Sprint 3 | Sprint 4 |
| Story #4: As Hanno (an admin), I want to be able to open a file, stored onn my computer, to see the information of a system that has been updated from another catalogue | Map CSV columns of NASA to his XML values | H4 |  |  |
| Map CSV columns of Exoplanet to his XML values | KM2 | H4 | H2 |
| Story 5: As Hanno, I want to pull a XML file of the updated system corresponding to the table columns of my repository | Connect to Hano's github repository | D2 |  |  |
| Pull XML file from Hano's github given a planet name | D2 |  |  |
|
|
|
| Story #6: As Hanno, I want to push an XML file | Push xml file into repository | A2 |  |  |
| Testing pushing XML files in Linux OS | A1 |  |  |
| Test pushing all files into master repository. | A1 |  |  |
| Story #7: As Hanno, I want to be able to compare two XML files representing the initial catalogue information versus the updated one. | Write a python script to parse XML and perform comparison. | KL10 | KL6  KM4 | KM4 |
| Output the difference between the two XML files to a csv file |  | KL3 | KL4 |
| Designing output of the csv file |  |  | KL1 |
| Story 8(Removed): As Hanno, I want to be able to view the description of a system that has been updated from another catalogue in a table format in an html page | Create html page with a table from python script |  | D7 |  |
| Populate data from file on disk |  | D1 |  |
| Write to disk from a click to track changes |  | D1 | D1 |
| Story 8: As Hanno (an admin), I want to change the units of measurements that updates from other catalogues should be converted into before committing to my repository. | Change units of measurement prior to commit |  |  | A5 |

**Task Board**

Task board at the end of our first sprint

**Burndown Chart**

Sprint 2

Sprint 3

User story completion NOT ACCOMPLISHED IN THIS SPRINT, to be accomplished in next sprint

All tasks delayed

Heavy course load for some members, burndown negligible this sprint

due to clarification with client:

Story 7 taking an extremely unexpectedly long amount of time

Sprint 4

Story point reassignment becoming major issue

due to clarification with client:

Story 7 took an extremely unexpectedly long amount of time

Story 8 removed

Story 4,7,8 (formerly 9) complete

Code freeze on the 12th for code review session

Summary:

The estimated project velocity for deliverable 4 was 75 in total, with 25 per sprint. The actual being 14 with sprint 2, 0 with sprint 3, and 49 with sprint 4. On average the actual project velocity was 21.