

Open Exoplanet Catalogue

Deliverable 4: Sprint 4 Report

By: Team 5



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Sprint Plan

Sprint 4

Duration: November 7 to November 13

Priority Scale (Low 1 - 5 High)

Cost in Story Points (1 Story Point = 1 Developer Hour)

1.1 No Duplicate Updates

User Story ID: 2.6

Priority: 4

Cost: 8

As Prof. Cooper, I only want to be notified ONCE when discrepancies exist between other catalogues and the OEC (and the other catalogue was updated more recently than the OEC) - unless the other catalogues data containing the discrepancy is updated again later.

1.1.1 Track which pull request are rejected

Task ID: 2.6.1

Priority: 4

Cost: 2

Completion Time: November 7, 2016

Assigned To: Jubin Patel

1.1.2 Add the rejected update/change in the ignore list (i.e not to create xml/pull request on next run)

Task ID: 2.6.2

Priority: 4

Cost: 2

Completion Time: November 8, 2016

Assigned To: Jubin Patel

1.1.3 If any of item in the ignore is updated after the date it was added remove it from the ignore list

Task ID: 2.6.3

Priority: 4

Cost: 4

Completion Time: November 10, 2016

Assigned To: Marhababanu Chariwala

1.2 Handle Alias while Updating Data

User Story ID: 2.12

Priority: 4

Cost: 8

As Prof. Cooper, I want the updates for existing systems (or planets) in the OEC to be XML files of the correct corresponding name/GitHub path so that a GitHub pull request will overwrite the existing file for that system and not create a file containing duplicate data with a different name. This should be done when the system (or planet) in the other catalogue is named using the same name or an alias listed in the OEC.

- 1.2.1** Implement a function that can find all aliases (xml tags: name) in a given xml file.

Task ID: 2.12.1

Priority: 4

Cost: 4

Completion Time: November 11, 2016

Assigned To: Ian Ferguson

- 1.2.2** Implement or add to existing function the ability to create a dictionary mapping each name/alias in a given xml file, to the same SystemXML object used to represent that xml file.

Task ID: 2.12.2

Priority: 4

Cost: 2

Completion Time: November 9, 2016

Assigned To: Lucy Xing

- 1.2.3** Test that xml alias to SystemXML mapping function, correctly maps all aliases for a given xml file to single SystemXML object.

Task ID: 2.12.3

Priority: 4

Cost: 1

Completion Time: November 12, 2016

Assigned To: Ahsan Zia

- 1.2.4** Test that the mapping function works when given a file path to a folder containing multiple xml files. Returning a single dictionary containing all mappings.

Task ID: 2.12.4

Priority: 4

Cost: 1

Completion Time: November 12, 2016

Assigned To: Ahsan Zia

Sprint Overview

2.1 What was your estimated project velocity?

Our team's estimated project velocity was 18 story points (1 story point == 1 developer hour).

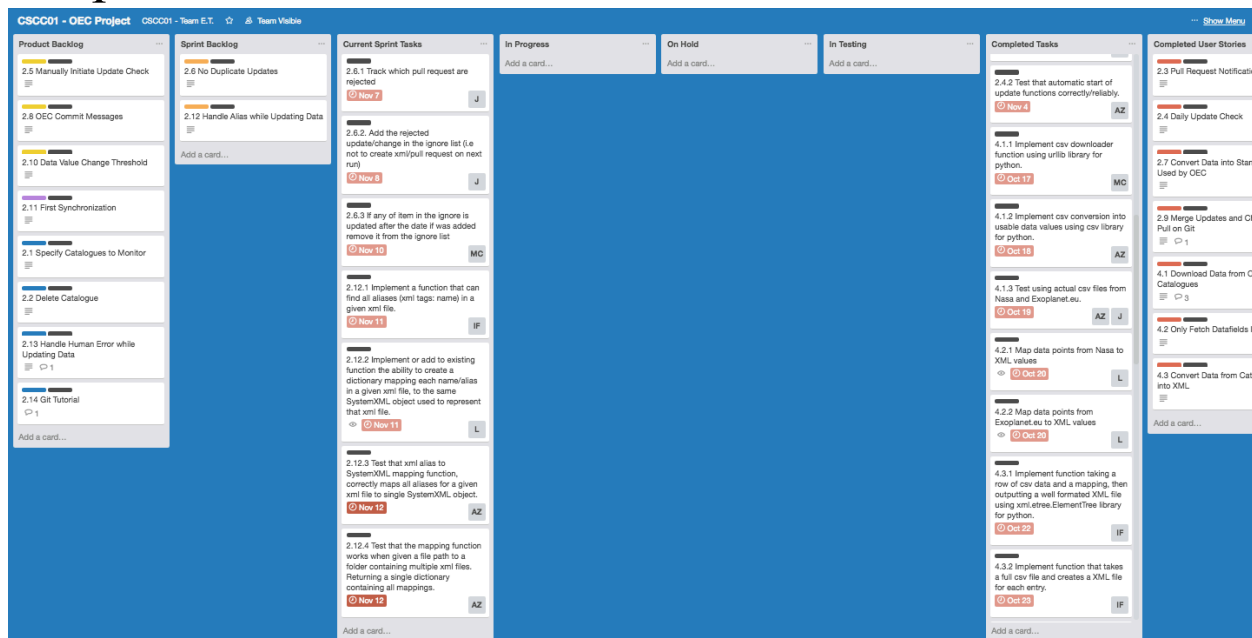
2.2 What was your actual project velocity?

Our team's actual project velocity was 18 story points (1 story point == 1 developer hour).

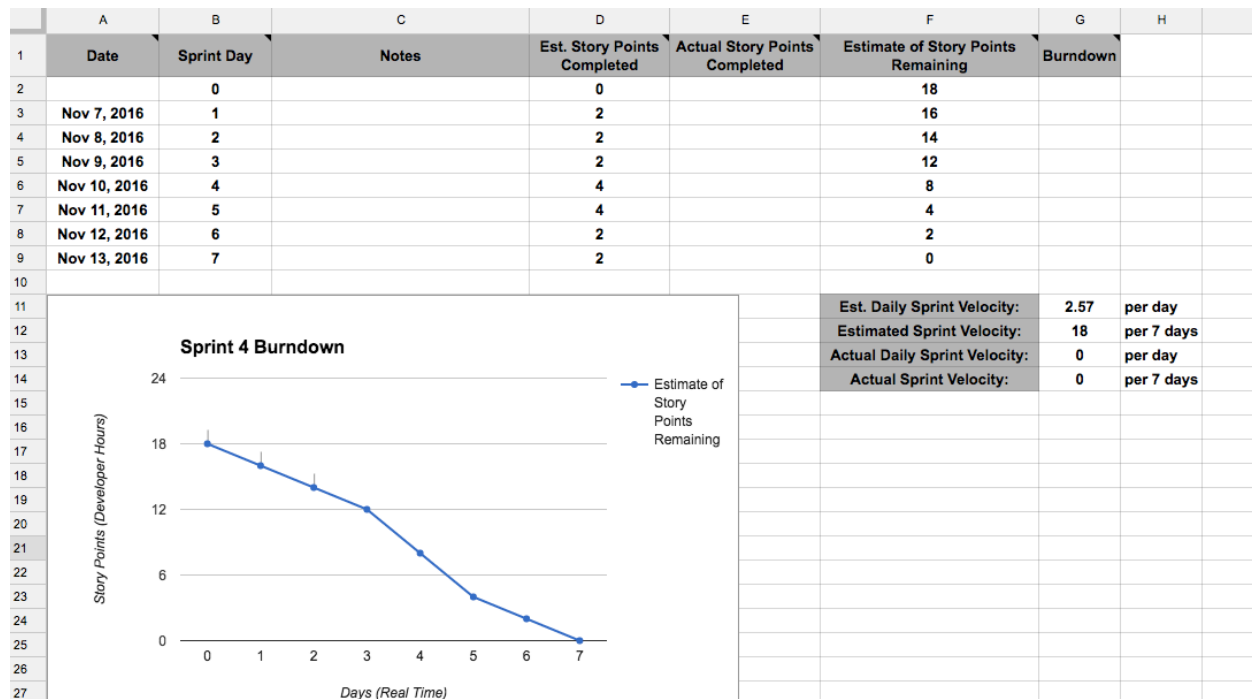
2.3 Did you follow your plan(s) exactly, or did you have to re-plan at some point (and why)?

For sprint 4, our team generally followed our plan, even though we ran into technical problems along the way, but we were able to eventually completed all the planned tasks.

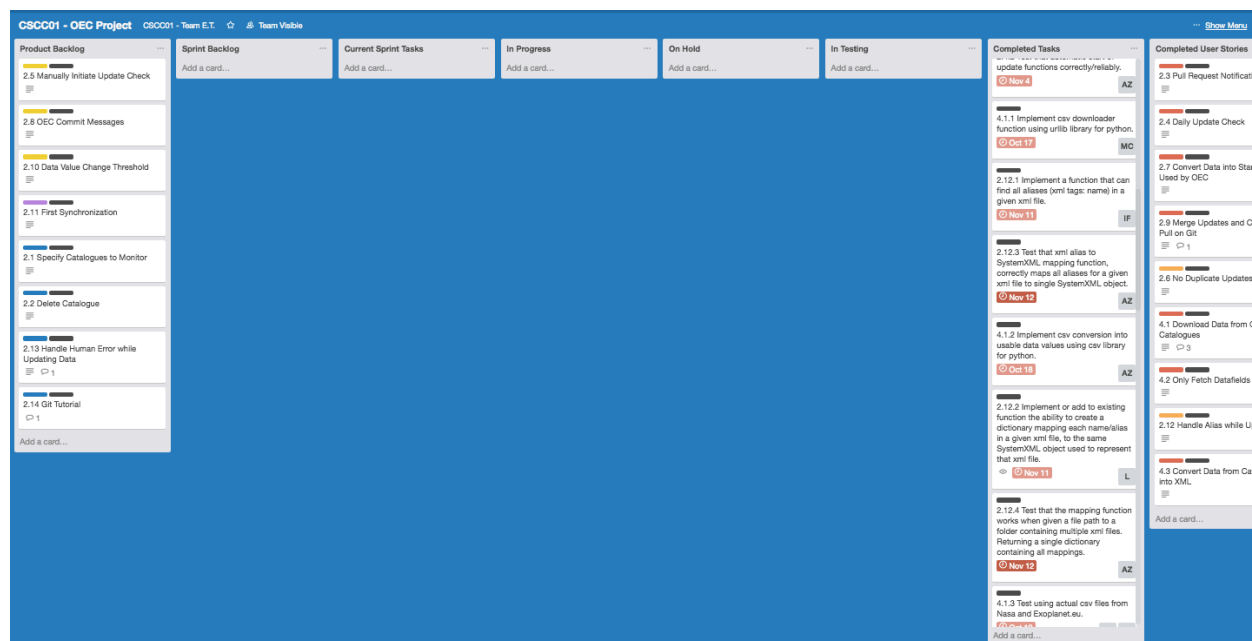
Snapshots



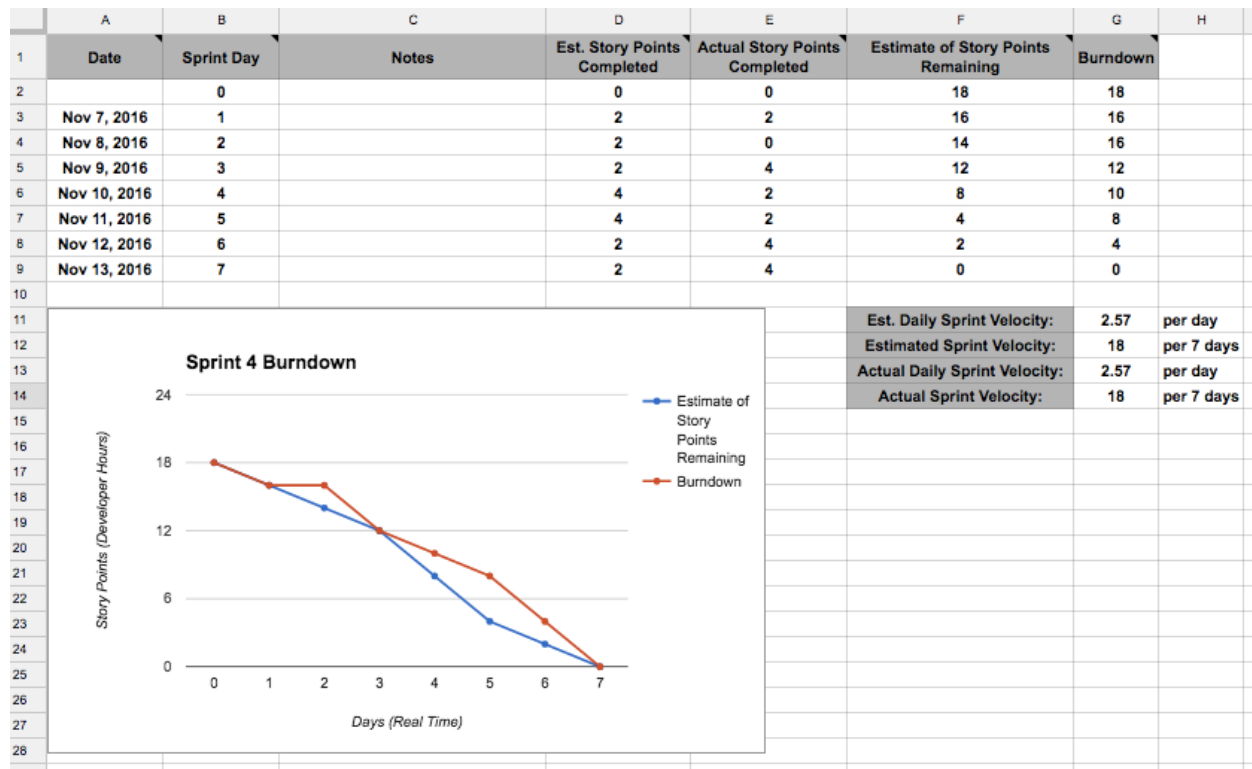
3.1 Trello Task Board Zoomed Out start of Sprint 4 (Nov7 – Nov 13): 2nd column shows sprint backlog with user stories. 3rd column tasks created from the sprint backlog.



3.2 Burndown chart in the beginning of Sprint 4 (Nov7 – Nov 13).



3.3 Trello Task Board Zoomed Out view at the End of Sprint 4 (Nov7 – Nov 13).



3.4 Burndown chart at the end of Sprint 4 (Nov7 – Nov 13).