

Open Exoplanet Catalogue

Deliverable 5: Sprint 6 Report

By: Team 5



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Sprint Plan

Sprint 6

Duration: November 21 to November 27

Project Velocity: 20 story points (1 story point == 1 developer hour)

Priority Scale (Low 1 - 5 High)

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

1.1 First Synchronization

User Story ID: 2.11

Priority: 2

Cost: 5

As Prof. Cooper, I want the first run of the program to check all planets in the other catalogues and create pull requests for all available updates for planets that have been updated more recently in the other catalogues than in the OEC. The first run should set a benchmark for future runs (i.e. monitor the dates that the planets were last updated in the other catalogues, so that no future updates are generated if the date of last update has not changed.)

1.1.1 Add checking of last update value for csv row against xml exoplanet

Task ID: 2.11.1

Priority: 2

Cost: 1

Completion Time: November 21, 2016

Assigned To: Lucy Xing

1.1.2 Save / track last update value for each exoplanet in each csv data set so that future updates

Task ID: 2.11.2

Priority: 2

Cost: 1

Completion Time: November 21, 2016

Assigned To: Marhababanu Chariwala

1.1.3 Add check against last update values so that future updates are only made for new data

Task ID: 2.11.3

Priority: 2

Cost: 1

Completion Time: November 22, 2016

Assigned To: Lucy Xing

1.1.4 Test that last update values are properly saved and checked on next run

Task ID: 2.11.4

Priority: 2

Cost: 1

Completion Time: November 23, 2016

Assigned To: Marhababanu Chariwala

1.1.5 Test that on first run updates are only generated for data with a newer date in the csv

Task ID: 2.11.5

Priority: 2

Cost: 1

Completion Time: November 23, 2016

Assigned To: Marhababanu Chariwala

1.2 Handle Human Error while Updating Data

User Story ID: 2.13

Priority: 1

Cost: 15

As Prof. Cooper, I want the program to try and identify data in other catalogues containing possible typos/human error (hypothetical example being "Kepler-16 b" is "Kepler 16 b") and attempt to match it with the corresponding XML page in the OEC. In the given example this would mean creating a pull request for "Kepler-16 b" (OEC name) instead of "Kepler 16 b" (Nasa name).

1.2.1 Add secondary dict of typo checked names to xml files, where a typo checked name is a name in all lowercase with non-alpha-numeric characters removed

Task ID: 2.13.1

Priority: 1

Cost: 2

Completion Time: November 24, 2016

Assigned To: Jubin Patel

1.2.2 Add secondary check against 2.13.1 dict, if name is does not match un-typo checked name

Task ID: 2.13.2

Priority: 1

Cost: 2

Completion Time: November 24, 2016

Assigned To: Ahsan Zia

- 1.2.3** If name matches update matched file with altered message to indicate human verification required
Task ID: 2.13.3
Priority: 1
Cost: 3
Completion Time: November 25, 2016
Assigned To: Ian Ferguson
- 1.2.4** Add tracking to Branch class so that if pull request is rejected a new file will be made for that exoplanet
Task ID: 2.13.4
Priority: 1
Cost: 5
Completion Time: November 26, 2016
Assigned To: Ian Ferguson
- 1.2.5** Test that typo names generated with human verification message
Task ID: 2.13.5
Priority: 1
Cost: 1
Completion Time: November 27, 2016
Assigned To: Jubin Patel
- 1.2.6** Test that if rejected a new file is generated for that planet
Task ID: 2.13.6
Priority: 1
Cost: 2
Completion Time: November 27, 2016
Assigned To: Ahsan Zia

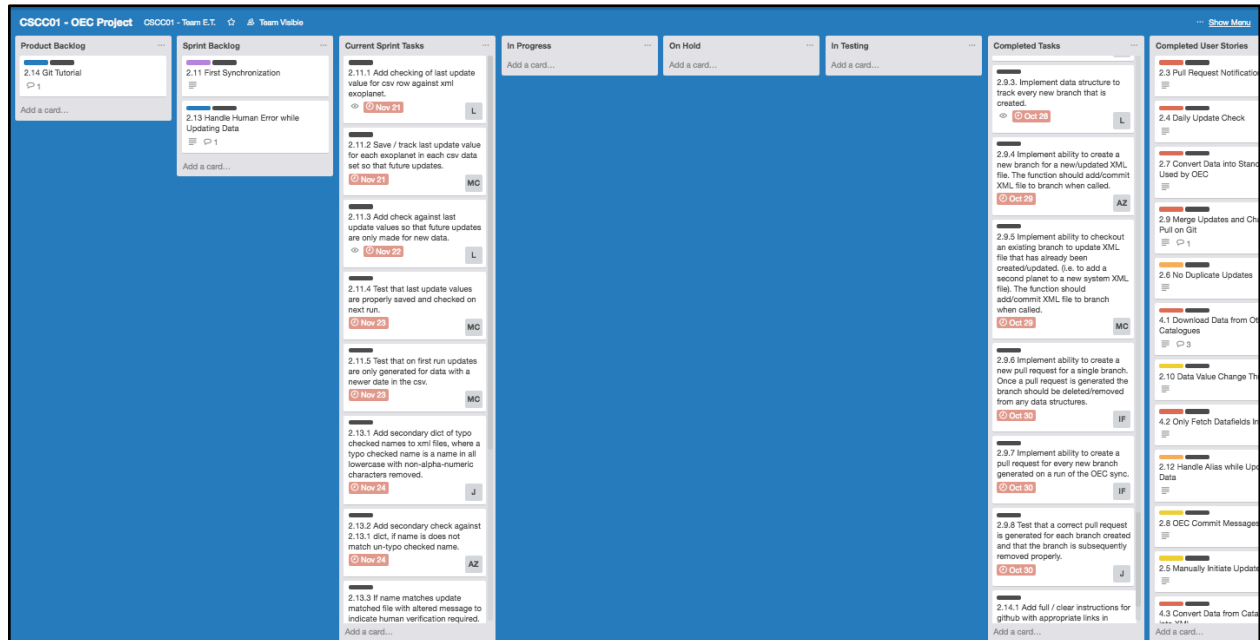
Sprint Overview

- 2.1 What was your estimated project velocity?**
Our team's estimated project velocity was 20 story points (1 story point == 1 developer hour).
- 2.2 What was your actual project velocity?**
Our team's actual project velocity was 16 story points (1 story point == 1 developer hour).

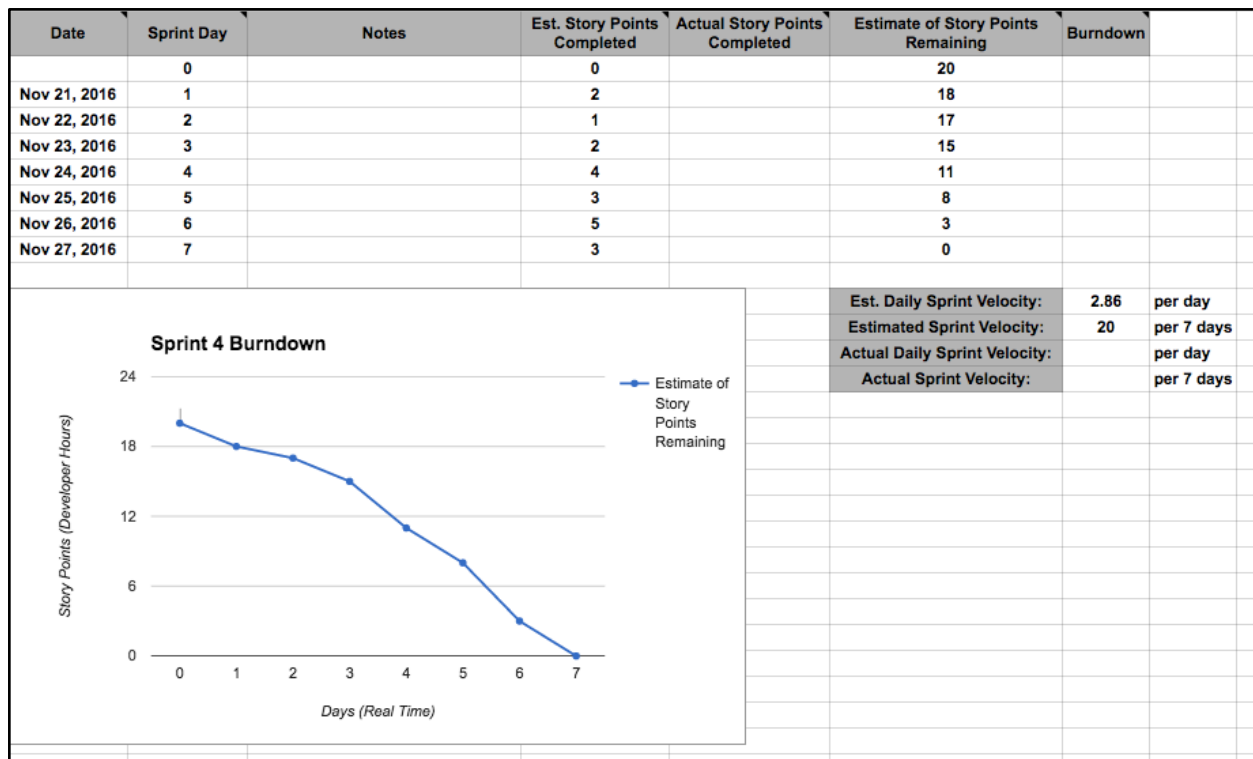
2.3 Did you follow your plan(s) exactly, or did you have to re-plan at some point (when and why)?

In the first few days of this sprint, our team was following our plan exactly. However, starting from the third day, we started to be behind schedule. In the end, our team was able to implement all the required features, but did not have time to completed all testing tasks.

Snapshots



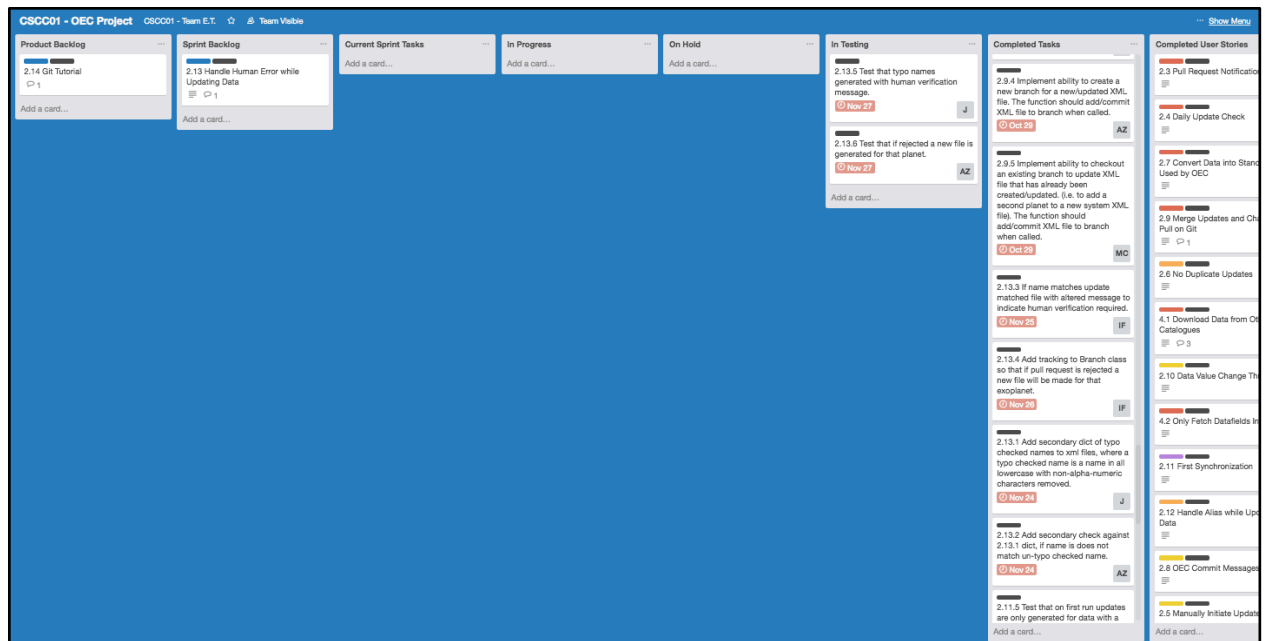
3.1 Trello Task Board Zoomed Out start of Sprint 6 (Nov21 – Nov 27): 2nd column shows sprint backlog with user stories. 3rd column tasks created from the sprint backlog.



3.2 Burndown chart in the beginning of Sprint 6 (Nov21 – Nov 27).

CSCC01 OEC Project Team E.T. Sprint Backlog/Burndown										Day						
Priority	Story Points	User Story	Tasks	Notes	Time Est	Time Spent	Team Member	Status		1	2	3	4	5	6	7
2	5	2.11 First Synchronization	2.11.1 Add checking of last update value for csv row against xml exoplanet		1		Lucy	Not Started		1						
			2.11.2 Save / track last update value for each exoplanet in each csv data set so that future updates		1		Marhaba	Not Started		1						
			2.11.3 Add check against last update values so that future updates are only made for new data		1		Lucy	Not Started			1					
			2.11.4 Test that last update values are properly saved and checked on next run		1		Marhaba	Not Started				1				
			2.11.5 Test that on first run updates are only generated for data with a newer date in the csv		1		Marhaba	Not Started				1				
1	15	2.13 Handle Human Error while Updating Data	2.13.1 Add secondary dict of typo checked names to xml files, where a typo checked name is a name in all lowercase with non-alpha-numeric characters removed		2		Jubin	Not Started			1	0.5	0.5			
			2.13.2 Add secondary check against 2.13.1 dict, if name is does not match un-typo checked name		2		Ahsan	Not Started				1	1			
			2.13.3 If name matches update matched file with altered message to indicate human verification required		3		Ian	Not Started				1	1	1		
			2.13.4 Add tracking to Branch class so that if pull request is rejected a new file will be made for that exoplanet		5		Ian	Not Started			1		3	1	5	
			2.13.5 Test that typo names generated with human verification message		1		Jubin	Not Started								1
			2.13.6 Test that if rejected a new file is generated for that planet		2		Ahsan	Not Started								2

3.3 Iteration chart in the beginning of Sprint 6 (Nov21 – Nov 27).



3.4 Trello Task Board Zoomed Out view at the End of Sprint 6 (Nov21 – Nov 27).



3.5 Burndown chart at the end of Sprint 6 (Nov21 – Nov 27).

CSCC01 OEC Project Team E.T. Sprint Backlog/Burndown										Day						
Priority	Story Points	User Story	Tasks	Notes	Time Est	Time Spent	Team Member	Status		1	2	3	4	5	6	7
2	5	2.11 First Synchronization	2.11.1 Add checking of last update value for csv row against xml exoplanet		1	1.5	Lucy	Completed		1.5						
			2.11.2 Save / track last update value for each exoplanet in each csv data set so that future updates		1	1	Marhaba	Completed		1						
			2.11.3 Add check against last update values so that future updates are only made for new data		1	1.5	Lucy	Completed			1.5					
			2.11.4 Test that last update values are properly saved and checked on next run		1	1	Marhaba	Completed				1				
			2.11.5 Test that on first run updates are only generated for data with a newer date in the csv		1	1.5	Marhaba	Completed				1	0.5			
												1	0.5	1.5		
1	15	2.13 Handle Human Error while Updating Data	2.13.1 Add secondary dict of type checked names to xml files, where a typo checked name is a name in all lowercase with non-alpha-numeric characters removed		2	3	Jubin	Completed								
			2.13.2 Add secondary check against 2.13.1 dict, if name is does not match un-typo checked name		2	3	Ahsan	Completed				1	1	1		
			2.13.3 If name matches update matched file with altered message to indicate human verification required		3	4	Ian	Completed				3			1	
			2.13.4 Add tracking to Branch class so that if pull request is rejected a new file will be made for that exoplanet		5	5	Ian	Completed						2	2	1
			2.13.5 Test that typo names generated with human verification message		1	1.5	Jubin	In Testing								1
			2.13.6 Test that if rejected a new file is generated for that planet		2	2.5	Ahsan	In Testing								2

3.6 Iteration chart at the end of Sprint 6 (Nov21 – Nov 27).