

Open Exoplanet Catalogue

Deliverable 5: Sprint 5 Report

By: Team 5



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Sprint Plan

Sprint 5

Duration: November 14 to November 20

Project Velocity: 9 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 Data Value Change Threshold

User Story ID: 2.10

Priority: 3

Cost: 4

As Prof. Cooper, I want the program to not generate updates if the only differences in data values are below certain predefined thresholds (to be provided by client/specialist TA and do not include changes below the currently displayed number of decimals).

1.1.1 Add command to set threshold for updates

Task ID: 2.10.1

Priority: 3

Cost: 1

Completion Time: November 16, 2016

Assigned To: Lucy Xing

1.1.2 Add threshold checking to element update methods

Task ID: 2.10.2

Priority: 3

Cost: 2

Completion Time: November 17, 2016

Assigned To: Lucy Xing

1.1.3 Test that update checking is applied correctly

Task ID: 2.10.3

Priority: 3

Cost: 1

Completion Time: November 18, 2016

Assigned To: Jubin Patel

1.2 Manually Initiate Update Check

User Story ID: 2.5

Priority: 3

Cost: 2

As Prof. Cooper I would like to be able to manually initiate an update check via terminal command.

1.2.1 Add shell command 'run', using argparse library that will manually start running the main program

Task ID: 2.5.1

Priority: 3

Cost: 1

Completion Time: November 14, 2016

Assigned To: Marhababanu Chariwala

1.2.2 Test that run command functions properly with proper initialization

Task ID: 2.5.2

Priority: 3

Cost: 1

Completion Time: November 15, 2016

Assigned To: Jubin Patel

1.3 OEC Commit Messages

User Story ID: 2.8

Priority: 3

Cost: 3

As Prof. Cooper, I want updates for the OEC to contain commit messages that specify the reference URL for each update (i.e. the URL for that planet in either the Nasa Exoplanet Archive or Exoplanet.eu), and contain a hash tag identifying that the update was automatically generated by the program.

1.3.1 Add method to automatically generate commit and pull messages to SystemXML object

Task ID: 2.8.1

Priority: 3

Cost: 1

Completion Time: November 18, 2016

Assigned To: Ahsan Zia

1.3.2 Add ability to generate url's for exoplanets for which updates are generated

Task ID: 2.8.2

Priority: 3

Cost: 1

Completion Time: November 19, 2016

Assigned To: Ian Ferguson

1.3.3 Test that update messages are generated correctly and all URLs are valid.

Task ID: 2.8.3

Priority: 3

Cost: 1

Completion Time: November 20, 2016

Assigned To: Ahsan Zia

Sprint Overview

2.1 What was your estimated project velocity?

Our team's estimated project velocity was 9 story points (1 story point == 1 developer hour).

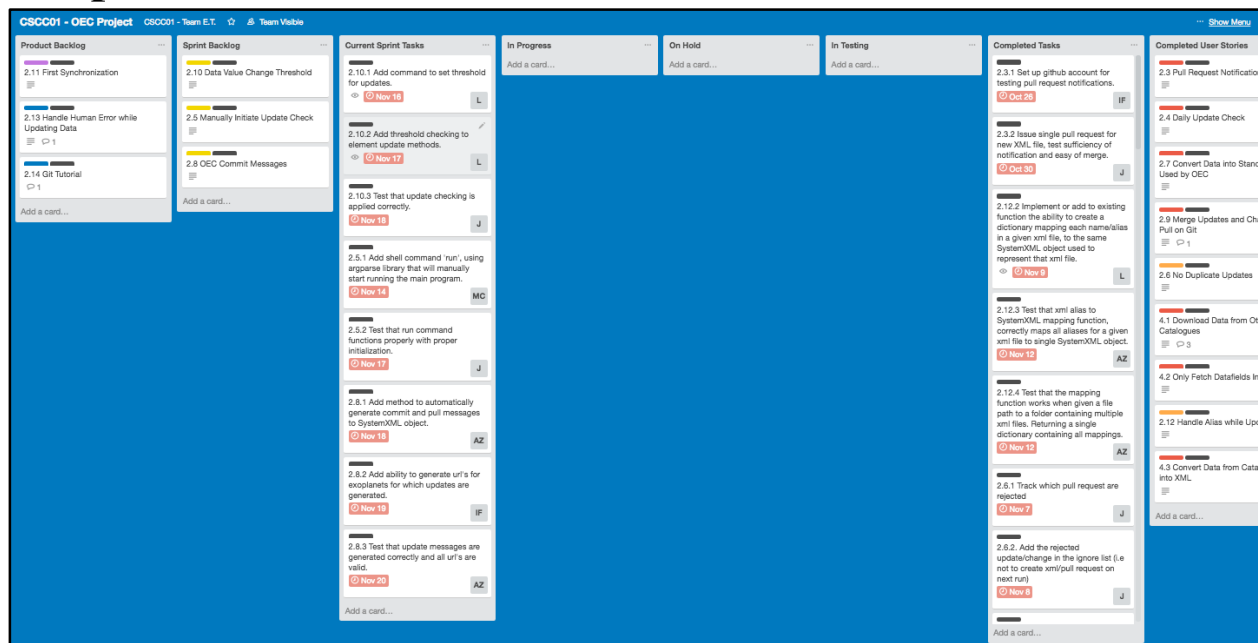
2.2 What was your actual project velocity?

Our team's actual project velocity was 9 story points (1 story point == 1 developer hour).

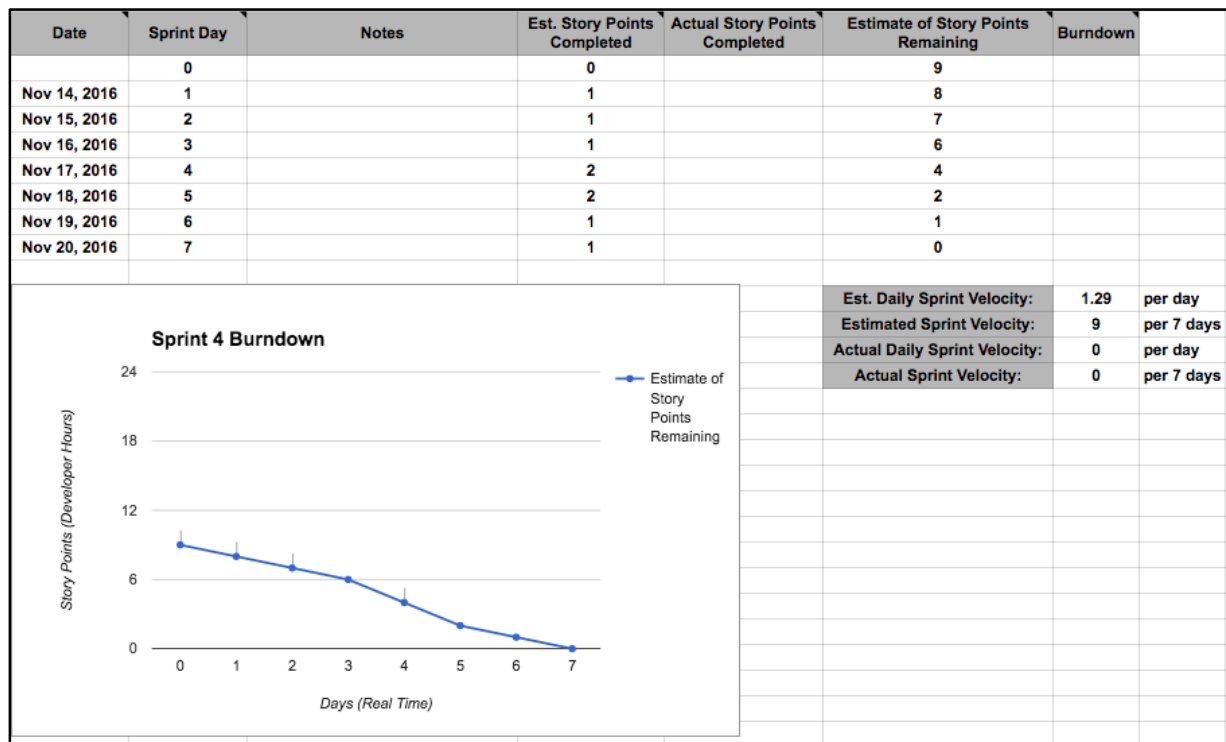
2.3 Did you follow your plan(s) exactly, or did you have to re-plan at some point (when and why)?

Overall, our team were progressing as planned during this sprint. Although we were behind schedule during the first few days of the sprint, we were able to get back on task and eventually finish all tasks planned for this sprint.

Snapshots



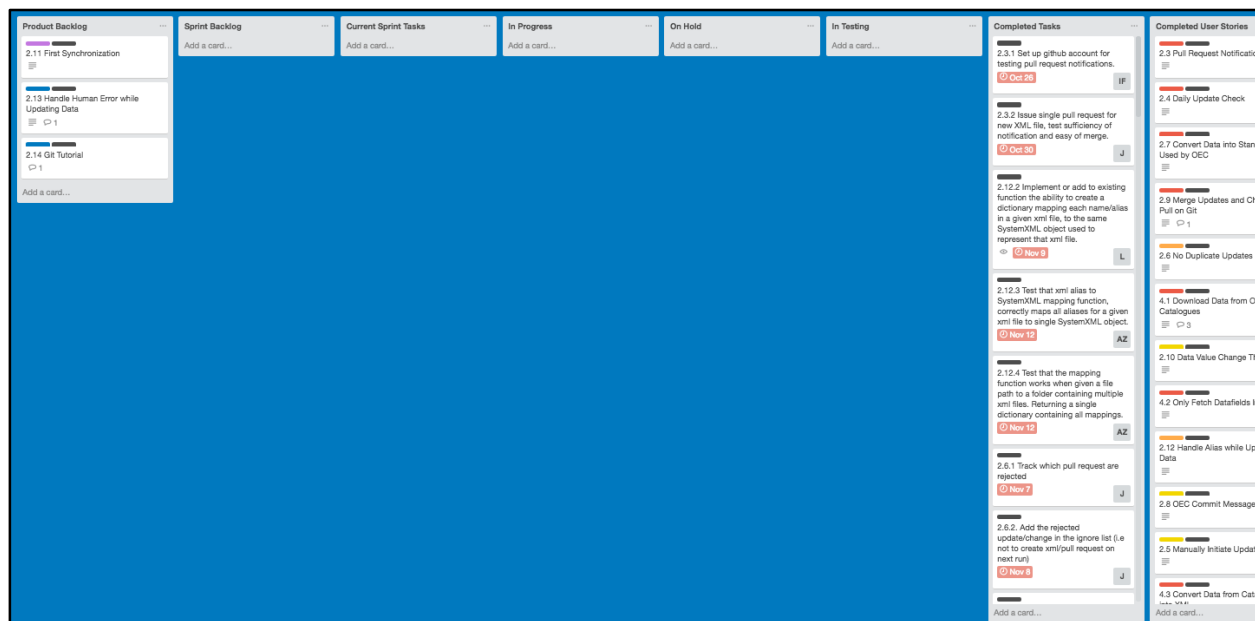
3.1 Trello Task Board Zoomed Out start of Sprint 5 (Nov14 – Nov 20): 2nd column shows sprint backlog with user stories. 3rd column tasks created from the sprint backlog.



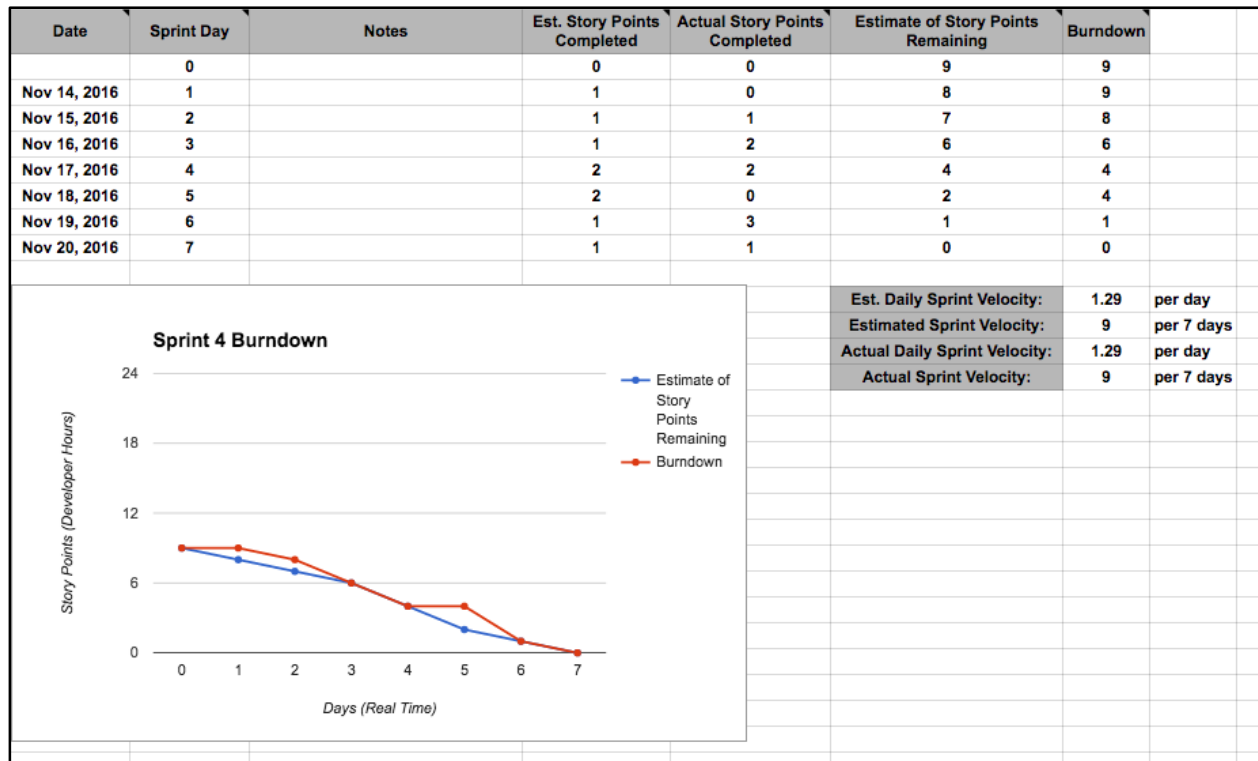
3.2 Burndown chart in the beginning of Sprint 5 (Nov14 – Nov 20).

Priority	Story Points	User Story	Tasks	Notes	Time Est	Time Spent	Team Member	Status	Day						
									1	2	3	4	5	6	7
3	4	2.10 Data Value Change Threshold	2.10.1 Add command to set threshold for updates		1		Lucy	Not Started			1				
			2.10.2 Add threshold checking to element update methods		2		Lucy	Not Started		1		1			
			2.10.3 Test that update checking is applied correctly		1		Jubin	Not Started							
3	2	2.5 Manually Initiate Update Check	2.5.1 Add shell command 'run', using argparse library that will manually start running the main program		1		Marhaba	Not Started	1						
			2.5.2 Test that run command functions properly with proper initialization		1		Jubin	Not Started			1				
3	3	2.8 OEC Commit Messages	2.8.1 Add method to automatically generate commit and pull messages to SystemXML object		1		Ahsan	Not Started					1		
			2.8.2 Add ability to generate url's for exoplanets for which updates are generated		1		Ian	Not Started						1	
			2.8.3 Test that update messages are generated correctly and all URLs are valid.		1		Ahsan	Not Started							1

3.3 Iteration Chart in the beginning of Sprint 5 (Nov14 – Nov 20).



3.4 Trello Task Board Zoomed Out view at the End of Sprint 5 (Nov14 – Nov 20).



3.5 Burndown chart at the end of Sprint 5 (Nov14 – Nov 20).

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
3	4	2.10 Data Value Change Threshold	2.10.1 Add command to set threshold for updates		1	1	Lucy	Completed				1				
			2.10.2 Add threshold checking to element update methods		2	2	Lucy	Completed			1		1			
			2.10.3 Test that update checking is applied correctly		1	1.5	Jubin	Completed							1	0.5
3	2	2.5 Manually Initiate Update Check	2.5.1 Add shell command 'run', using argparse library that will manually start running the main program		1	1.5	Marhaba	Completed		1	0.5					
			2.5.2 Test that run command functions properly with proper initialization		1	2	Jubin	Completed								
3	3	2.8 OEC Commit Messages	2.8.1 Add method to automatically generate commit and pull messages to SystemXML object		1	2	Ahsan	Completed				1	1			
			2.8.2 Add ability to generate url's for exoplanets for which updates are generated		1	1	Ian	Completed							1	
			2.8.3 Test that update messages are generated correctly and all URLs are valid.		1	1	Ahsan	Completed								1

3.6 Iteration chart at the end of Sprint 5 (Nov14 – Nov 20).