

Sprint 5 Report

November 13– November 17

Used Product Backlog Version: v3

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Sprint Objectives

The objects for this sprint were to finish up the template parser and the report implementations. We also wanted to start cleaning up the project code by making sure all docstrings, comments and tests were completed fully.

Planned Tasks to Complete

User Story	Task Description	Story Points	Dependencies
U4	T5: Implement the parser using the template system (T3) for the iCare datasheets which is stored into the data-object from T4 <ul style="list-style-type: none">Takes the JSON mapping files from T3 and goes through each row in a populated iCare excel file and “fills in” the data into the JSON structure	5	T3, T4
U7	T11: Develop an assortment of report presets to meet some of the client’s research questions <ul style="list-style-type: none">Use the report system from T7, the template system from T8 and the database retrieval system from T9 make customized presets that meet some of the client’s research questions	5	T7, T8, T9
U9	T15: Implement the interface designed in T14 to work with the report system (T7 & T8) <ul style="list-style-type: none">Implement functionality of the interface that was designed in T14	5	T7, T8, T14
U10	T16: Document, format and refactor (if needed) the source code for the template parser system.	3	T5
	T17: Ensure that all unit/integration tests for the template parser system are complete and well-written.	4	T5
	T18: Document, format and refactor (if needed) the source code for the database connection system.	3	T6

T19: Ensure that all unit/integration tests for the database connection system are complete and well-written.	4	T6
T20: Document, format and refactor (if needed) the source code for the report generation system and report implementations.	3	T7, T8, T9, T10, T11
T21: Ensure that all unit/integration tests for the report generation system as well as the report implementations are complete and well-written.	4	T7, T8, T9, T10, T11
T22: Document, format and refactor (if needed) the source code for the upload and report generation graphical interface systems.	3	T13, T15
T23: Ensure that all unit/integration tests for the upload and report generation graphical interface systems are complete and well-written.	4	T13, T15

Sprint Plan

Sprint 5 Plan (Nov 13 - Nov 17)									
A = Alex, M = Mo, S = Saad, W = Won									
Sprint Velocity: 1 story point / day									
Note: bracketed dependencies mean "recommended"									
User Stories	Tasks	Dependencies	Story Points	Day 1	Day 2	Day 3	Day 4	Day 5	Completed
U4	T5	T3, T4	1	W:1					X
U7	T11	T7, T8, T9	3	A:1	A:1	A:1			X
U9	T15	T9, T10, T11, T14	1	S:1					X
U10	T16	T5	3		W:1	W:1	W:1		X
	T17	T5	4					W:1	
	T18	T6	3	M:1	M:1	M:1			X
	T19	T6	4				M:1	M:1	
	T20	T7, T8, T9, T10, T11	3				A:1	A:1	
	T21	T7, T8, T9, T10, T11	4						
	T22	T13, T15	3		S:1	S:1	S:1		X
	T23	T13, T15	4					S:1	

Note: Saad thinks he only needs 1 story point to complete T15 and Alex thinks he needs 3 story points to complete T11

Sprint Execution

Sprint 5 Execution (Nov 13 - Nov 17)									
A = Alex, M = Mo, S = Saad, W = Won									
Sprint Velocity: 1 story point / day									
Note: bracketed dependencies mean "recommended"									
User Stories	Tasks	Dependencies	Story Points	Day 1	Day 2	Day 3	Day 4	Day 5	Completed
U4	T5	T3, T4	1	W:1					X
U7	T11	T7, T8, T9	3	A:1	A:1				
U9	T15	T9, T10, T11, T14	1	S:1					X
U10	T16	T5	3		W:1	W:1	W:1		X
	T17	T5	4					W:1	
	T18	T6	3	M:1	M:1	M:1			X
	T19	T6	4				M:1	M:1	
	T20	T7, T8, T9, T10, T11	3				A:1	A:1	
	T21	T7, T8, T9, T10, T11	4						
	T22	T13, T15	3		S:1	S:1	S:1		X
	T23	T13, T15	4					S:1	

Changes from Planning to Execution:

- Due to bug fixes needing to be done on the report system, Alex was not able to complete T11 completely and will complete it fully next sprint.

Sprint Burndown

Sprint 5 Burndown						
Days	0	1	2	3	4	5
Provisial (in story points)	14	12	12	9	0	0
Actual (in story points)	14	13	13	10	1	1

