

# Sprint 3 Report

October 30 – November 3

Used Product Backlog Version: v2

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## Sprint Objectives

The objectives for this sprint were mainly to finish the iCare template parser, finish the base report system, and develop a system for making queries to the database storing all the iCare information. We also planned on implementing the GUI for uploading system once the template parser was done. Another task was also given to design the GUI for the report generation (aka the “admin” panel).

## 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"><li>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</li></ul>	5	T3, T4
[...]			
U6	T7: Design a base system that all report types will function on <ul style="list-style-type: none"><li>Use the template base class to make a template manager for the report system</li></ul>	5	
	[...]		
	T9: Develop a system that allows for query retrievals from the database <ul style="list-style-type: none"><li>Add data-retrieval functionality to DatabaseDriver</li></ul>	5	T6
U7	T10: Develop an assortment of chart templates that the report system can use for generating reports <ul style="list-style-type: none"><li>Make an assortment of excel files supporting different chart types</li></ul>	3	T7, T8
[...]			

U8	T13: Implement the interface designed in T7 to work with the parser and uploader systems (T5 & T6) <ul style="list-style-type: none"> <li>Implement functionality of the interface that was designed in T11</li> </ul>	3	T5, T6, T7
U9	T14: Design the basic graphical interface for the "admin" user type <ul style="list-style-type: none"> <li>Rough-out the interface using Java Swing</li> </ul>	5	
[...]			

## Sprint Plan

Sprint 3 Plan (Oct 30 - Nov 3)									
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	2	W:1	W:1				X
U6	T7		2	A:1	A:1				X
	T9	T6	5	M:1	M:1	M:1	M:1	M:1	X
U7	T10	T7, T8	3			A:1	A:1	A:1	X
	T11	T7, T8, T9	5						
U8	T13	T5, T6, T7	3			W:1	W:1	W:1	X
U9	T14		5	S:1	S:1	S:1	S:1	S:1	X
	T15	T9, T10, T11, T14	5						

Note: Due to an update in plans, it was found that T14 (which had been previously completed) did not meet the new expectations so Saad will be completing it (again) this sprint.

## Sprint Execution

Sprint 3 Execution (Oct 30 - Nov 3)									
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	2	W:1	W:1				
U6	T7		2	A:1	A:1				X
	T9	T6	5	M:1	M:1	M:1	M:1	M:1	
U7	T10	T7, T8	3			A:1			
	T11	T7, T8, T9	5						
U8	T13	T5, T6, T7	3			S:1	S:1	S:1	X
U9	T14		5	S:1	S:1	S:1	S:1	S:1	X
	T15	T9, T10, T11, T14	5						

### Changes from Planning to Execution:

- Due to midterms and unforeseen technical problems, Won was unable to finish T5 and was not able to start T3 as well. He estimates that he needs another 2 story points next sprint to complete T5.
- Saad was able to complete T13 for Won as well as his own assigned task (T14)
- Due to a misunderstanding, Mo was not able to finish T9 completely and feels that he needs the next sprint to fully implement it.
- Alex was able to only partially complete T10 due to a limited amount of time available due to having three midterms during the sprint. He plans to finish the remainder of the task next sprint.

## Sprint Burndown

Sprint 3 Burndown						
Days	0	1	2	3	4	5
Provisial (in story points)	20	20	16	16	16	0
Actual (in story points)	20	20	18	18	18	10

