Proficious

October 27, 2018

Sprint 2 Report

October 23 – October 27

Used Product Backlog Version: v1

Team Members:

- Alexander Greff (greffal1) alex.greff@mail.utoronto.ca
- Saad Syed Ali (alisaad2) saadsyed.ali@mail.utoronto.ca
- Mohammed Osumah (osumahmo) mohammed.osumah@mail.utoronto.ca
- Gyeongwon Choi (choigyeo) gyeongwon.choi@mail.utoronto.ca

Table of Contents

Sprint Objectives

The objectives for this sprint were to main continue on developing the mid-level systems for the project. This included the JSON fields mapping of the iCare templates, the template parser, and a basic uploading connection to our MongoDB that stores the parsed iCare data. We also planned on starting development of the actual report generation feature. For this sprint that mainly entailed just getting the base report system framework system ready.

Planned Tasks to Complete

User Story	Task Description	Story Points	Dependencies
[…]			
U3	T3: Develop the template system implementation for the iCare data templates • Go through all the iCare template types and build the basic mapping JSON mapping structure	2	T2
[…]			
U4	T5: Implement the parser using the template system (T3) for the iCare datasheets which is stored into the data-object from T4 • 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
U5	T6: Implement the feature that inputs the populated data-object with the iCare data and saves it into the database • The basic database interface that puts JSONObjects into the MongoDB that was setup earlier	5	T4
U6	T7: Design a base system that all report types will function on • Use the template base class to make a template manager for	5	

	the report system		
	T8: Implement a base template system that all report types will function on • Use pre-made excel files with different chart types, inject data into them and save them as new files	3	T2
[…]			

Sprint Plan

Sprint 2 Plan (Oct 23 - Oct 27) A = Alex, M = Mo, S = Saad, W = Won **Sprint Velocity:** 1 story point / day Note: backeted dependencies mean "recommended"									
User Stories	Tasks	Dependencies	Story Points	Day 1	Day 2	Day 3	Day 4	Day 5	Completed
U3	T3	T2	2	S:1	S:1				X
U4	T5	T3, T4	5	W:1	W:1	W:1	W:1	W:1	X
U5	T6	T4	5	M:1	M:1	M:1	M:1	M:1	X
U6	T7		5	A:1	A:1	A:1	A:1	A:1	X
	T8	T2	3			S:1	S:1	S:1	X
U7	T9	T7, T8	5						
	T10	T7, T8	5						
U8	T12	T5, T6, T7	4						
U9	T14	T9, T10, T13	5						
U10	T15	T3, (T11, T13)	7						
U11	T16	T9, T10, (T11, T13)	7						

Sprint Execution

Sprint 2 Execution (Oct 23 - Oct 27) A = Alex, M = Mo, S = Saad, W = Won **Sprint Velocity:** 1 story point / day Note: backeted dependencies mean "recommended"									
User Stories	Tasks	Dependencies	Story Points	Day 1	Day 2	Day 3	Day 4	Day 5	Completed
U3	T3	T2	2	S:1	S:1				X
U4	T5	T3, T4	5	W:1	W:1		W:1	W:2	
U5	T6	T4	5	M:1	M:1	M:1	M:1	M:1	X
U6	T7		5		A:1	A:1	A:1	A:2	
	T8	T2	3				S:1	S:2	X
U7	T9	T7, T8	5						
	T10	T7, T8	5						
U8	T12	T5, T6, T7	4						
U9	T14	T9, T10, T13	5						
U10	T15	T3, (T11, T13)	7						
U11	T16	T9, T10, (T11, T13)	7						

Changes from Planning to Execution:

- Alex ran into an unexpected problem with the Excel sheet part of T7 (ended up needing to write a VBA script) and as a result was unable to finish the task completely. He estimates that he needs an extra 2 story points next sprint to finish it.
- Won was unable to finish T5 due to other academic obligations and estimates that he also needs 2 more story points next sprint to complete his task.

Sprint Burndown

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