Proficious

October 20, 2018

Sprint 1 Report

October 16 – October 20

Used Product Backlog Version: v1

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Sprint Objectives

The objective for this sprint was to main start developing the base systems that the whole project will function on. This included the JSON file loading system, the data representation of the iCare templates and the basic GUI interface design.

Planned Tasks to Complete

User Story	Task Description	Story Points	Dependencies
U1	T1: Develop the database model to store the iCare information • Setup a sandbox MongoDB database on a cloud service	2	
U2	T2: Design the base JSON template system • Make a base system that loads the templates into JSONObject objects	3	
[…]			
U4	T4: Design a data-object for representing the information from the iCare datasheets • Use the JSON format to make an object representation of the data parsed from the iCare templates	5	
[…]			
U8	T11: Design the basic graphical interface for the “uploader” user type. • Rough-out the interface using Java Swing	5	
[…]			
U9	T13: Design the basic graphical interface for the “admin” user type • Rough-out the interface using Java Swing	5	
[…]			

Sprint Plan

Sprint 1 Plan (Oct 16 - Oct 20) 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
U1	T1		2	A:1	A:1				X
U2	T2		3			A:1	A:1	A:1	X
U3	T3	T2	5						
U4	T4		5	S:1	S:1	S:1	S:1	S:1	X
	T5	T3, T4	3						
U5	T6	T4	3						
U6	T7		3						
	T8	T2	2						
U7	T9	T7, T8	5						
	T10	T7, T8	5						
U8	T11		5	W:1	W:1	W:1	W:1	W:1	X
	T12	T5, T6, T7	4						
U9	T13		5	M:1	M:1	M:1	M:1	M:1	X
	T14	T9, T10, T13	5						
U10	T15	T3, (T11, T13)	7						
U11	T16	T9, T10, (T11, T13)	7						

Sprint Execution

Sprint 1 Execution (Oct 16 - Oct 20) 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
U1	T1		2	A:1	A:1				X
U2	T2		3			A:1	A:2		X
U3	T3	T2	5						
U4	T4		5					A:2, S:3	X
	T5	T3, T4	3						
U5	T6	T4	3						
U6	T7		3						
	T8	T2	2						
U7	T9	T7, T8	5						
	T10	T7, T8	5						
U8	T11		5	W:1	W:1	W:1	W:1	W:1	X
	T12	T5, T6, T7	4						
U9	T13		5	M:1	M:1	M:1	M:1	M:1	X
	T14	T9, T10, T13	5						
U10	T15	T3, (T11, T13)	7						
U11	T16	T9, T10, (T11, T13)	7						

Changes from Planning to Execution:

- T2 took less time than expected and Alex was able to complete it on Day 4.
- Due to personal events Saad was unable to start T4 until Day 5 so Alex split the task with him in order to complete it on time.

Sprint Burndown

Sprint 1 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	15	0