**Proposal to the
Office of Systems Integration
(OSI)**

**Request for Information (RFI)
#75001**

**For
Agile Development Pre-Qualified
(ADPQ) Vendor Pool**

Scrum Board and Burndown

June 5, 2016

Strategy! Innovation! Transformation!

Revision History

Version	Date	Description of Updates	Author
1.0	06/05/2016	Created the Initial Version	xFusion

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1 Introduction

As a part of the Agile and Scrum development process, xFusion conducts multiple sprints for the system development process. The sprints are managed by the sprint team that have various responsibilities aligned with the SDLC process. We also follow the U.S. Digital Services Playbook to ensure a user centric application with a human user as the central focus.

2 Scrum Board
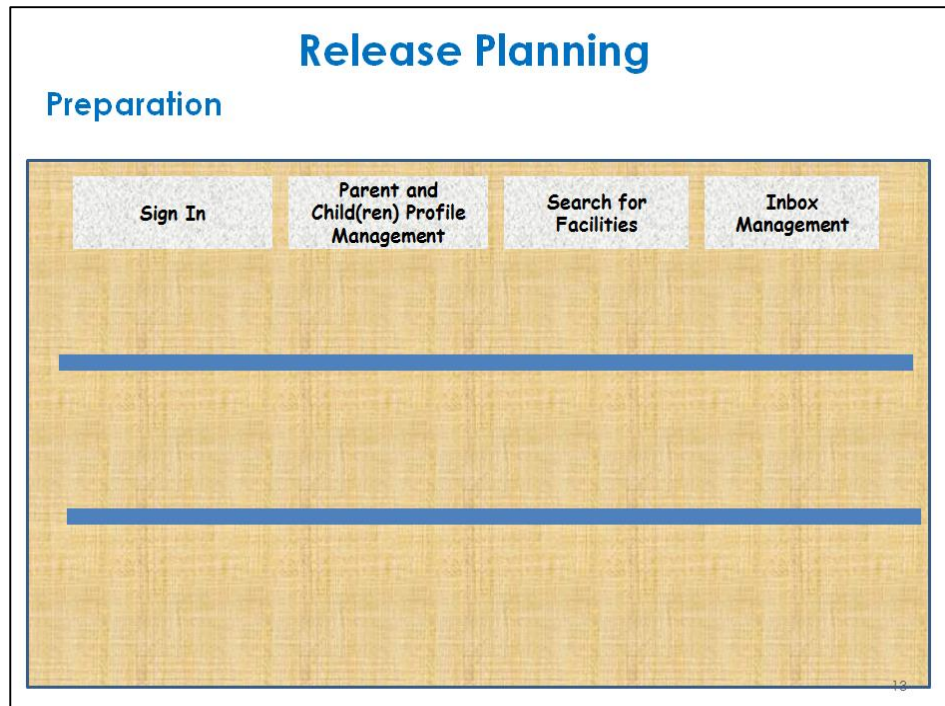
Below are the pictures of the scrum board.
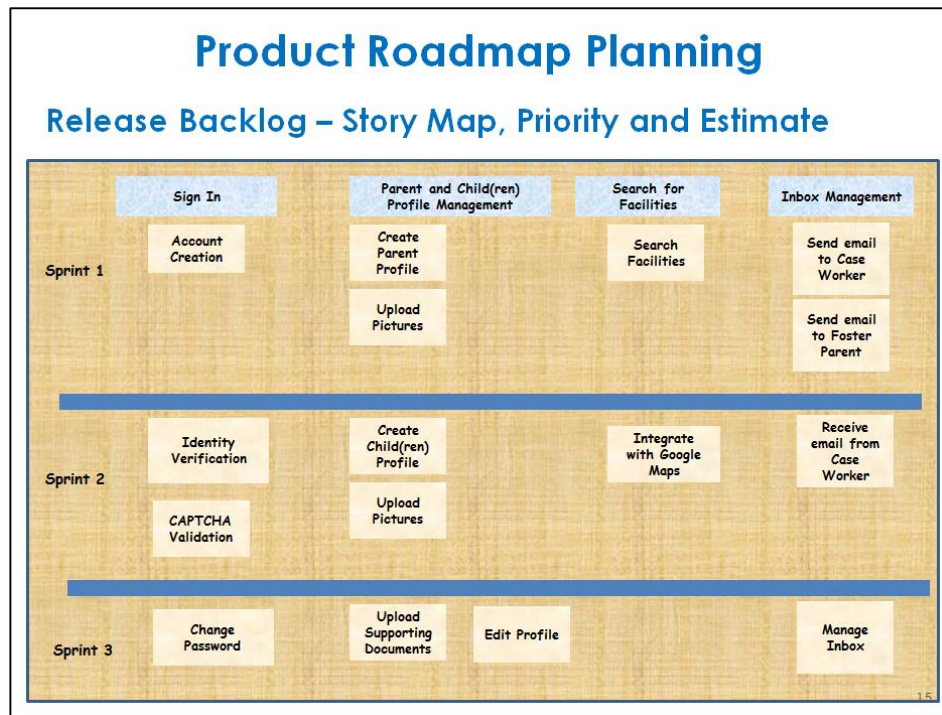

Figure 2-1: Scrum Board

Figure 2-2: Detailed Scrum Board

3 BurnDown Charts

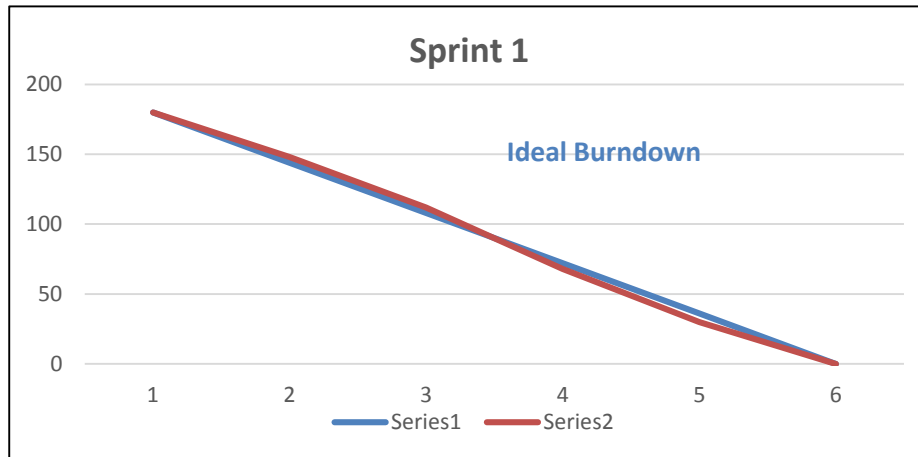The charts below represent the completed Burndown chart for all 3 sprints.
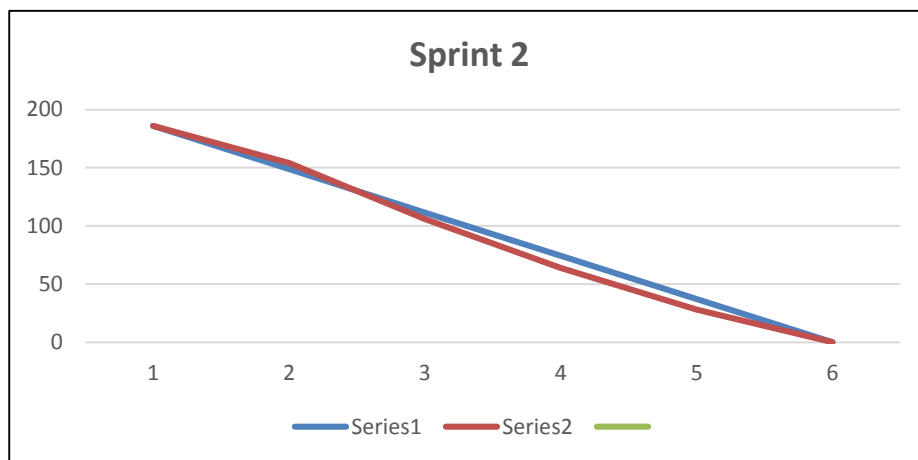

Figure 3-1: Sprint 1 Burndown Chart
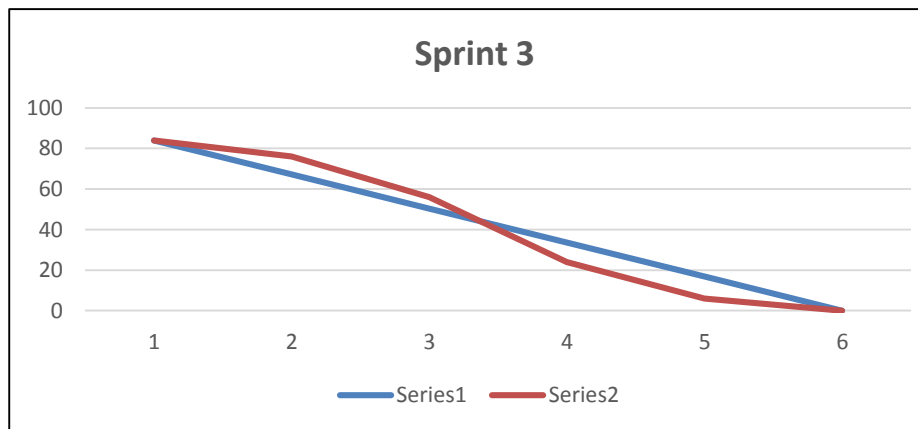

Figure 3-2: Sprint 2 Burndown Chart

Figure 3-3: Sprint 3 Burndown Chart

4 Resource Allocation and Burndown Details

The figure below represents the details of the resource allocation and burndown details for the application:

Functionality/Service	Utilization	Type of Resource	Estimated Man Hours
Sign In Service Group			
	80%	Business Analyst	10
	80%	Technical Architect	12
	80%	Visual Designer	12
	100%	Front End Web Developer	14
	100%	Back End Web Developer	20
	40%	Product Owner	4
	70%	Scrum Master	12
	50%	Agile Coach	8
	100%	Interaction Designer/User Researcher/Usability Tester	12
	100%	Product Quality Accountability	8
Total			**112**
Person Profile Service Group			
	80%	Business Analyst	12
	80%	Technical Architect	12
	80%	Visual Designer	12
	100%	Front End Web Developer	16
	100%	Back End Web Developer	24
	40%	Product Owner	8
	80%	Scrum Master	16
	60%	Agile Coach	10
	100%	Interaction Designer/User Researcher/Usability Tester	14
	100%	Product Quality Accountability	10
Total			**134**
Message Service Group			
	70%	Business Analyst	8
	80%	Technical Architect	10
	80%	Visual Designer	10
	100%	Front End Web Developer	10
	100%	Back End Web Developer	14
	40%	Product Owner	4
	80%	Scrum Master	10
	60%	Agile Coach	8
	100%	Interaction Designer/User Researcher/Usability Tester	12
	100%	Product Quality Accountability	6
Total			**92**
Facility Search Service Group			
	70%	Business Analyst	8
	80%	Technical Architect	10
	80%	Visual Designer	10
	100%	Front End Web Developer	12
	100%	Back End Web Developer	24
	50%	Product Owner	8
	80%	Scrum Master	12
	60%	Agile Coach	6
	100%	Interaction Designer/User Researcher/Usability Tester	16
	100%	Product Quality Accountability	6
Total			**112**

Project	Functionality/Service	Release	Story	Task	Start	Day 5	Day 4	Day 3	Day 2	Day 1	Total
SafeKids	Sign In Service	1	Story 1.1 (Parent Registration and Sign In)	Task 1.1.1 (Parent Account Creation)	40	8	8	8	8	8	40
SafeKids	Person Profile Service	1	Story 1.2 (Manage Parent Profile)	Task 1.2.1 (Create Parent Profile)	20	8	4	4	4	0	20
SafeKids	Person Profile Service	1	Story 1.2 (Manage Parent Profile)	Task 1.2.2 (Upload Pictures)	20	0	8	4	4	4	20
SafeKids	Facility Search Service	1	Story 1.4 (Search Facilities)	Task 1.4.1 (Search Facilities)	50	8	8	12	12	10	50
SafeKids	Message Service	1	Story 1.5 (Manage Inbox)	Task 1.5.1 (Send Message to Case Worker)	35	8	8	8	6	5	35
SafeKids	Message Service	1	Story 1.5 (Manage Inbox)	Task 1.5.2 (Send Message to Foster Parent)	15	0	0	8	4	3	15
Total					180	32	36	44	38	30	180
				Ideal - Remaining Effort in Ideal Work Hours	180	144	108	72	36	0	
				Actual - Remaining Effort in Ideal Work Hours	180	148	112	68	30	0	
SafeKids	Sign In Service	2	Story 1.1 (Parent Registration and Sign In)	Task 1.1.2 (Identity Verification)	40	8	8	8	8	8	40
SafeKids	Sign In Service	2	Story 1.1 (Parent Registration and Sign In)	Task 1.1.3 (CAPTCHA Validation)	12	8	4	0	0	0	12
SafeKids	Person Profile Service	2	Story 1.3 (Manage Child(ren) Profile)	Task 1.3.1 (Create Child(ren) Profile)	40	8	8	8	8	8	40
SafeKids	Person Profile Service	2	Story 1.3 (Manage Child(ren) Profile)	Task 1.3.2 (Upload Pictures)	12	0	8	4	0	0	12
SafeKids	Facility Search Service	2	Story 1.4 (Search Facilities)	Task 1.4.2 (Integrate with Google Map)	62	8	12	16	14	12	62
SafeKids	Message Service	2	Story 1.5 (Manage Inbox)	Task 1.5.3 (Receive email from Case Worker)	20	0	8	6	6	0	20
Total					186	32	48	42	36	28	186
				Ideal - Remaining Effort in Ideal Work Hours	186	148.8	111.6	74.4	37.2	0	
				Actual - Remaining Effort in Ideal Work Hours	186	154	106	64	28	0	
SafeKids	Sign In Service	3	Story 1.1 (Parent Registration and Sign In)	Task 1.1.2 (Change Password)	20	8	6	6	0	0	20
SafeKids	Person Profile Service	3	Story 1.2 (Manage Parent Profile)	Task 1.3.3 (Edit Profile)	10	0	6	4			10
SafeKids	Person Profile Service	3	Story 1.3 (Manage Child(ren) Profile)	Task 1.3.3 (Edit Profile)	12		0	8	4		12
SafeKids	Person Profile Service	3	Story 1.3 (Manage Child(ren) Profile)	Task 1.3.4 (Upload Supporting Documents)	20		8	6	6		20
SafeKids	Message Service	3	Story 1.5 (Manage Inbox)	Task 1.5.4 (Manage Inbox)	22	0	0	8	8	6	22
Total	Total				84	8	20	32	18	6	84
				Ideal - Remaining Effort in Ideal Work Hours	84	67.2	50.4	33.6	16.8	0	
				Actual - Remaining Effort in Ideal Work Hours	84	76	56	24	6	0	