

# Inspect

## Construction Iteration 4 Plan

### 1. Key milestones

Milestone	Date
Iteration start	26 Aug
UAT initial tests/Exploration	27 Aug
UI/UX polish and refinement	Variable
Bug fixing	Variable
Unit and Integration testing	Variable
UAT confirmation tests	8 Sep
Iteration stop	8 Sep

## 2. High-level objectives

Objective	Criteria
UAT initial tests/Exploration	Complete Initial Internal User Acceptance Testing for Create, Modify, Save a Template, and Complete Inspection Use Case(s).
UI/UX polish and refinement	Refine and polish UI and UX for Create, Modify, Save a Template, and Complete Inspection Use Case(s).
Bug fixing	Any bugs found are to be addressed following protocol laid out in MTP.
Unit and Integration testing	Complete necessary Unit and Integration Testing for changes made relating to Create, Modify, Save a Template, and Complete Inspection Use Case(s).
UAT confirmation tests	Complete Confirmation Internal User Acceptance Testing for Create, Modify, Save a Template, and Complete Inspection Use Case(s).

### 3. Work Item assignments

The following Work Items will be addressed in this iteration:

Work Item ID	Name or keywords of description	Outcome	State	Assigned to (Name)	Est. Hours	Hours Worked	Estimate of hours remaining
1.0	UI/UX polish and refinement	Refine and polish UI and UX for Create, Modify, Save a Template, complete inspection, File Sharing, PDF export, and Camera Use Case(s),		Michael Jasmine Conrad Elias	4 4 4 4		
1.1	Camera/Gallery option	Remove selection page after taking a photo (either take on spot or gallery)  - Looking into option to remove gallery options	Incomplete				
1.2	Default file location	Fix issue of user having the search through file system to find saved/completed templates in both edit/inspect mode	Complete				
1.2.1	Implement File Directory.	Select a file directory, and attempt to implement from:  <a href="https://android-arsenal.com/tag/35?sort=created">https://android-arsenal.com/tag/35?sort=created</a>					
1.2.2*	Determined existing library had a known issue that disqualified it			Michael		1	
1.2.3*	Researching alternate libraries to replace current sections of the implementation + reviewed the library for Conrad's file share implementation to confirm it works on my own emulator/phone.			Elias		1.5	
1.2.4*	Look into new libraries to replace current			Jasmine		1	

1.2.5*	Implemented new library to inspect and edit templates	<a href="https://github.com/Metho-dicalMadness/Inspect/commit/40216605916c7d278b1595adbfe68cd5320cd402">https://github.com/Metho-dicalMadness/Inspect/commit/40216605916c7d278b1595adbfe68cd5320cd402</a> Including research, testing, and implementation		Conrad		5	
1.2.6*	Look at issue affecting share manager	Unable to replicate error on my emulator. Laptop was refusing to recognised phone to test on the device		Jasmine		0.5	
1.2.7*	Implemented new library to share	The reason there is “-NOT WORKING CORRECTLY” was due to a localised bug on my personal phone while testing. Works on other devices <a href="https://github.com/Metho-dicalMadness/Inspect/commit/4c3ca8734250ff2bb181f6db976113e15d5980f2">https://github.com/Metho-dicalMadness/Inspect/commit/4c3ca8734250ff2bb181f6db976113e15d5980f2</a>		Conrad		3	
1.3	<b>Template complete page/button</b>	Create a button to load an activity to save/preview/complete template in inspection and editor mode	Incomplete				
1.4	<b>Camera issues</b>	Known camera issues directly related to inspector.	Complete				
1.4.1*	Icon and image ratio fixed	<a href="https://github.com/Metho-dicalMadness/Inspect/commit/7d50bb0960c38439e55099d4511dad1f9dac5ec6">https://github.com/Metho-dicalMadness/Inspect/commit/7d50bb0960c38439e55099d4511dad1f9dac5ec6</a>		Michael		5	
1.4.2*	Image uri's now save						
1.4.3*	Multiple discrete cameras now work.						
1.5.1*	Make background images for application			Jasmine		3	
1.5.2*	Implement backgrounds	May need to try with transparent background and make them anchor to points <a href="https://github.com/Metho-dicalMadness/Inspect/commit/df5fac97efbdecabc92a1b4ca1f845a72c7909b2">https://github.com/Metho-dicalMadness/Inspect/commit/df5fac97efbdecabc92a1b4ca1f845a72c7909b2</a>		Jasmine		1	

1.5.3*	Attempt fix backgrounds	Transparent background created and implements (needs to be constrained)  <a href="https://github.com/MethodicalMadness/Inspect/commit/aa88146ef5d62e1ea7969f5a6d1951e8ca1d1702">https://github.com/MethodicalMadness/Inspect/commit/aa88146ef5d62e1ea7969f5a6d1951e8ca1d1702</a>		Jasmine		1	
<b>2.0</b>	<b>Documentation and Final product</b>	Create user manuals, package application for distribution and create questionnaires/feedback sheets					
2.1	Create user manuals						
2.2	Package application for distribution (APK)						
2.3	Create questionnaires and feedback sheets						
<b>3.0</b>	<b>Testing</b>	Complete necessary Unit and Integration Testing for changes and bug fixes.	Not started	Michael Jasmine Conrad Elias			
	Unit Test						
	Integration Test						
<b>4.0</b>	<b>User Acceptance Testing: Confirmation Tests</b>	Internal User Acceptance Testing for Create, Modify, and Save a Template Use Case(s)		Michael Jasmine Conrad Elias			
4.1	UAT Scripts	Revised the current scripts for the User Acceptance Testing use cases of: create a template, modify template (adding/removing) elements, taking photo from gallery, saving template and sharing template.	Completed	Elias		2	
<b>5.0</b>	<b>Project Management</b>	Individual tasks assigned, iteration plan, trello, team meetings		Michael Jasmine Conrad Elias	4 4 4 4		
5.1	Team / Oversight meeting			Michael Jasmine Conrad Elias	2 2 2 2	2 2 2 2	

5.2	Create Iteration Plan			Jasmine	1	1	
5.3	Complete Iteration plan.			Michael Jasmine Conrad Elias	1 1 1 1	1.25	
<b>6.0</b>	<b>Finalise all work items and upload to repo</b>	All work items finalized and upload to repo.	Completed	Michael Jasmine Conrad Elias	4 4 4 4		
5.1	Finalise iteration plan			Jasmine		1	
5.2	PMAS Links			Jasmine		0.5	
<b>6.0</b>	<b>Blog</b>		Completed	Michael Jasmine Conrad Elias	1 1 1 1	1 1 1 1	

## 4. Issues

Issue	Status	Notes
Everything that was intended to be completed wasn't	Orange	Additional iteration taken to complete manuals properly

## 5. Assessment

Assessment target	Complete all Objectives by the end of iteration.
Assessment date	10/09/2019
Participants	All
Project status	Orange

- **Assessment against objectives**

UAT initial tests/Exploration - Complete  
UI/UX polish and refinement - Fail  
Bug fixing - Fail  
Documentation and Final product - Failed  
Unit and Integration testing - Fail  
UAT confirmation tests - Pass

- **Work Items: Planned compared to actually completed**

Items were not completed and an additional iteration is going to be taken to iron out all the problems properly and give us more time to focus on the

- **Assessment against Evaluation Criteria Test results**

UAT initial tests/Exploration - Complete  
UI/UX polish and refinement - Minor fixes to be made  
Bug fixing - In progress  
Documentation and Final product - UAT done, manual just needs to be completed and formatted  
Unit and Integration testing - Not started  
UAT confirmation tests - Revised current scripts

- **Other concerns and deviations**

A lot of work has to be done in the additional iteration to complete required goals