

Inspect

Elaboration Iteration 3 Plan

1. Key milestones

Milestone	Date
Iteration start	13 May
Implement Template Editor	17 May
Implement File Manager	19 May
Implement File Share Manager	21 May
Implement Photo Manager/Camera	23 May
Testing	26 May
Iteration stop	26 May

2. High-level objectives

Elaboration Iteration 2 Objectives (Remaining)

1. Finalise Template Editor
2. Implement File Manager
3. Implement File Share Manager

Elaboration Iteration 3 Objectives

4. Implement Photo Manager/Camera
5. Testing

3. Evaluation criteria

Elaboration Iteration 2 Evaluation Criteria (Remaining)

1. Finalise Implementation of Template Editor as agreed with team.
2. Implement File Manager as agreed with team.

Elaboration Iteration 3 Evaluation Criteria

3. Implement File Share Manager as agreed with team.
4. Testing as agreed with team
5. Finalise work items and upload to repo as per subject outline and as agreed with team.

4. 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	Implement Template Manager	Finalise UI and Integrate with Template and Template Element Classes	In Progress	Jasmine Michael	124		
1.1	Select and add Element						
1.1.1*	Assisted with layout			Michael		1	
1.1.2*	Revise layout idea	Pen and paper logic of layout	Complete	Jasmine	1	1	
1.1.3*	Redo XML Layout	https://github.com/Meth odicalMadness/Inspect/ commit/6cd4fc934fcb20 8fd2efb18a102e75f5b7c d49de	Complete	Jasmine	1	1.25	
1.1.4*	Test the layout name sizes with constraint layouts	https://github.com/Meth odicalMadness/Inspect/ commit/65fb999dd236df c4ec6257d5885ec8767 37cbc55	Complete	Jasmine	0.25	0.25	
1.1.5*	Add element, with scrolling content into menu	Get the layout to look how intend with no data setting items yet, had several issues with the scroll working https://github.com/Meth odicalMadness/Inspect/ commit/e12e88d98bd7d f9dfe9fe8bc44f1a5c343 b55e21	Complete	Jasmine	4	4.5	
1.2	Remove Element						
1.3	Add Page						
1.4	Remove Page						
1.5	Call Save (in Template)						

1.5.1*	Research into saving states when moving between views	Issue when rotating or navigating between pages that states of variables/objects isn't saved	In-Complete	Jasmine	1	1.5	
1.6	Call Load (in Template) and Bind Data						
1.7*	Pop get pop up working			Jasmine	6	(3.5)	
1.7.1*	Attempt 1: Try to make custom pop up	Try to work out a way to customise pop up to be reusable https://github.com/MethodicalMadness/Inspect/commit/92c4cc15642b3f6ef9758c6d0b783a492287d1ed	Abandoned	Jasmine	4	2.5	
1.7.1*	Attempt 2: Try with alert dialog instead	Found android inbuilt system is more customisable than I thought. https://github.com/MethodicalMadness/Inspect/commit/b7d3e5459830161c6cbb7aca3100963c662a7ef1	Complete	Jasmine	2	1	
2.0	Implement File Manager		Complete	Conrad Michael	124		
2.1	Research						
2.1.1		Research into SAF implementation		Conrad	8		
2.1.2*	Assisted with SAF integration			Michael		2	
2.2	Integrate open new Template into Editor						
2.3	Integrate Load Saved Template into Editor						
2.3.1		Implemented SAF - requires files for testing grabbing the uri https://github.com/MethodicalMadness/Inspect/commit/dfebaa40ade7b	Complete	Conrad	4		

		6f28e3b74218df4a4fa57a23469					
2.4	Integrate Load Saved State						
2.5	Delete File/Object						
2.6	Update/View Directory						
2.7	Open PDF						
2.8	Misc						
2.8.1		Tidy up code and implemented ready for master merge https://github.com/MethodicalMadness/Inspect/commit/142c93854582ea84a75757f8b5abe5823f36acc9		Conrad	1		
3.0	Implement File Share Manager		In Progress	Elias Michael	124		
3.1	Research File Share Manager						
3.1.1		Research into File Share Manager implementation through online tutorials		Elias		2	
3.1.2		Research into fixing the manifest and .xml files associated with the file share implementation as well as setting up AdapterView.		Elias		2	
3.2	Send Email						
3.2.1		Attempted to implement File Sharing within MainActivity including setting up file sharing, sharing a file, retrieving a shared file and retrieving file information https://github.com/MethodicalMadness/Inspect/commit/38d1581c7830a4d86e3e63988348225a30e438fc		Elias		2	

3.2.2*	Assisted with File share manager implementation			Michael		2	
3.2.3		<p>Fixed the Android Manifest and .xml files associated with File Sharing (particularly the filename_text and filesize_text variables). Created a new FileSelectActivity class, ported all the file share implementation in MainActivity to it and replaced MainActivity with the original version in master.</p> <p><u>Fixing the Manifest and .xml files</u> https://github.com/MethodicalMadness/Inspect/commit/cefeb81bb9c75a2f3e5e4ea1c26be58719bd416d</p> <p><u>Moving methods to newly created FileSelectActivity class</u> https://github.com/MethodicalMadness/Inspect/commit/2c1559c806048300b5b33adc5de088f6b0fa6c09</p>		Elias		4	
3.2.4		<p>Attempted to implement the user interface for File Share Manager within the filepaths xml file. Created buttons to access File Share Manager within activity_main xml as well as a button within filepaths xml to share file.</p> <p><u>Attempt # 1</u> https://github.com/MethodicalMadness/Inspect/commit/d46fd11d41afa48bf000e66fcd81d9b39cb9d841</p> <p><u>Attempt # 2</u> https://github.com/MethodicalMadness/Inspect/commit/6274f14614a794924d1245fd43ad8d71e4b75cc5</p> <p><u>Attempt # 3 (Removed</u></p>		Elias		2	

		alterations) https://github.com/Meth odicalMadness/Inspect/commit/36ed7db505 d2075fc0b171c16cbccf 3219e7f8df					
4.0	Photo Manager/ Camera Integration	Interact with Camera and Gallery to retrieve photos	Completed	Elias Michael	12 4		
4.1	Research Photo Manager/Camera Integration						
4.1.1		Research into taking photos and selecting them from an image gallery through tutorials.		Elias		1	
4.2	Press a button open camera and gallery						
4.2.1	Take Photo/Open Camera	Implemented the takePhoto method within the PhotoManager class, including creating 'Open Camera' button within photo_manager.xml. https://github.com/Meth odicalMadness/Inspect/ commit/474e0df2224c8 a93cd504766a4833e50 78ffeeb6		Elias		1	
4.2.2	Select Photo from Image Gallery	Implemented the openGallery method within the PhotoManager class, including creating 'Open Gallery' button within photo_manager.xml. https://github.com/Meth odicalMadness/Inspect/ commit/33fee8c7f8adc4 69938ef3ed4a0878181e e0db1a		Elias		1	
4.2.3*	Help with menu icon creation for testing purposes and test if it works	Allow interface to be access via menu		Jasmine	0	0.5	
4.2.4	Attempted to revise interface	https://github.com/Meth odicalMadness/Inspect/		Elias		0.5	

	implementation by including a 'Back' button within the photo_manager.xml file.	commit/8ebaaa1def0dfa1a5aa6f5e1be2b3d389022b3f6					
4.2.5	Research and attempts at trying to fix the implementation for Photo Manager to avoid the app crashing upon exiting the camera and gallery.	Attempt # 1 https://github.com/MethodicalMadness/Inspect/commit/9a33241c38d751b223840af233581dcaf304d024 Attempt # 2 (Removed alterations) https://github.com/MethodicalMadness/Inspect/commit/36ed7db505d2075fc0b171c16cbccf3219e7f8df		Elias		1.5	
4.3	Save photo from camera and gallery						
4.3.1*	Fixed camera gallery crash and accessing photo	https://github.com/MethodicalMadness/Inspect/commit/f9636d3e79a0041bdf23ab3525e5246b28237c24		Michael Elias		2 2	
5.0	Unit Testing	Ensure methods within classes give expected output.	Incomplete	Michael Jasmine Conrad Elias	4 4 4 4		
5.1	Log Manager						
5.2	Template						
5.3	Template Editor						
5.4	Conversion Manager						
5.5	File Manager						
5.6	Photo Manager						
6.0	Integration Testing	Ensure that two modules behave and function as expected after integration.	Incomplete	Michael Jasmine Conrad Elias	4 4 4 4		
6.1	Template and supporting Template Element classes						

6.2	Template to Template Editor and Conversion Manager						
6.3	Photo Manager to Template						
7.0	Project Management	Individual tasks assigned, iteration plan, trello, team meetings	Complete	Michael Jasmine Conrad Elias	4 4 4 4		
7.1	Maintain Trello			Michael		1	
7.2	Team / Oversight meeting			Michael Jasmine Conrad Elias		4 4 4 4	
7.3	Complete Elaboration Iteration 3 plan.			Michael Jasmine Conrad Elias		2 1 1	
7.4	Create next Elaboration Iteration plan			Michael		2	
8.0	Finalise all work items and upload to repo	All work items finalized and upload to repo.	Complete	Michael Jasmine Conrad Elias	4 4 4 4	2	
8.1	Finalized previous iterations plan			Michael Jasmine Elias		0.5 0.5 0.5	
8.2	Uploaded Previous iteration docs, uploaded to git and updated links in PMAS			Michael		1	
8.3	Completed and uploaded missing phase assessment doc			Michael		1.5	
9.0	Blog		Complete	Michael Jasmine Conrad Elias	1 1 1 1	1 1 1 1	

5. Issues

Issue	Status	Notes
Template Editor still not completed	Red	As it is a central feature of the app it is now holding up integration and final testing of many classes.
Integration of FileManager not completed	Yellow	Waiting on template editor to be finalised.
No Integration testing occurred	Red	Primarily due to template editor not being completed, but also ran out of time.
Inspector cannot be started until Template Editor is completed	Red	While inspector is next iteration, it cannot be started until template editor is complete and integrated correctly.

6. Assessment

Assessment target	Complete all Objectives by end of iteration
Assessment date	26 May
Participants	All
Project status	Red

· **Assessment against objectives**

Template editor not completed
File Manager completed pending integration

File Share Manager completed pending integration
Photo Manager work items completed
No testing occurred as nothing was integrated.

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

Template editor not completed
File Manager completed pending integration
The implementation for File Share Manager is complete, but still requires integration and testing.
The implementation and integration of the takePhoto and selectPhoto (from gallery) methods within Photo Manager has been completed.
No testing occurred as nothing was integrated.

- **Assessment against Evaluation Criteria Test results**

All completed work items were evaluated to the teams standards after all members reviewed and signed off on quality.

- **Other concerns and deviations**

Template Editor is holding up integration of other classes