<u>Inspect</u>

Elaboration Iteration 4 Plan

1. Key milestones

Milestone	Date
Iteration start	27 May
Finalise Template Editor	2 June
Integrate File Manager	4 June
Integrate File Share Manager	4 June
Inspector	7 June
Testing	9 June
Iteration stop	9 June

2. High-level objectives

Elaboration Iteration 2 Objectives (Remaining)
1. Finalise Template Editor
2. Integrate File Manager
3. Integrate File Share Manager

Elaboration Iteration 3 Objectives
4. Implement Inspector
5. Testing

3. Evaluation criteria

Elaboration Iteration 3 Evaluation Criteria (Remaining)
1. Finalise Implementation of Template Editor as agreed with team.
2. Integrate File Manager as agreed with team.
3. Integrate File Share Manager as agreed with team.

Elaboration Iteration 4 Evaluation Criteria
4. Implement Inspector as agreed with team.
5. Testing as agreed with team
6. 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	12 4		
1.0.1	Research into saving states when moving between views	Issue when rotating or navigating between pages that states of variables/objects isn't saved	Complete	Jasmine	2	1.5	
1.0.2*	Fix menu issues and back button issues	Buttons should of had unique names https://github.com/MethodicalMadness/Inspect/commit/1a44c1ce99984190f17334e331cd24b2c8415da1 https://github.com/MethodicalMadness/Inspect/commit/7bc0b2fc8912f53986de9b3a3be6fc1b87ad9e91	Complete	Jasmine	1	1	
1.0.3*	Research into Livedata, Databinding, Viewmodel, Room	To understand data persistence		Jasmine	2	1	
1.0.4*	Try to make Room	Try to make database functional to query it (includes research) https://github.com/MethodicalMadness/Inspect/commit/1101ecd591761e37e22befa429bcdfdd77327fd3		Jasmine	6	5.5	
1.0.5*	Set up queries	Try to make the necessary SQL queries https://github.com/MethodicalMadness/Inspect/commit/6541839ed44e3d74361cb8ef63cd5cd79		Jasmine	4	2	

		60167a9					
1.0.6*	Set up database	Try to create database https://github.com/MethodicalMadness/Inspect/commit/b0eb1609550fcadb7dd4856ccc6e1746b4c00312		Jasmine	3	3	
1.0.7*	Change modules object to database	Try help queries and remove issues associated with typeconverter https://github.com/MethodicalMadness/Inspect/commit/969d15244ac802469e9719c4b77675934dfbf88e		Jasmine	2	1.5	
1.0.8*	Michaels attempt at a basic template	Michaels attempt at a basic template		Michael		3	
1.1	Add Page						
1.2	Remove Page						
1.3	Select and add Element						
1.4	Remove Element						1.0
1.5	Call Save (in Template)						
1.6	Call Load (in Template) and Bind Data						
2.0	**Integrate File Manager**	Integrate with file share manager and template editor	In Progress	Conrad Michael	12 4		
2.1	Research						
2.1.1		Research into default location for SAF so user won't have to browse to location		Conrad		10	
2.2	Integrate open new Template into Editor						
2.3	Integrate Load Saved Template into Editor	https://github.com/MethodicalMadness/Inspect/	Complete				

		commit/10189e727a1252534846f4041b30220ce51222af				
2.3.1		Implemented theory for loading saved template - Will have to test once a template can be saved		Conrad	2	
2.4	Integrate Load Saved State					
3.0	**Integrate File Share Manager**	Integrate with file manager	In Progress	Elias Michael	12 4	
3.1	Research			Elias		
3.1.1		Research into alternate implementations for file sharing through the SAF and file provider.		Elias	1.5	
3.1.2		Research into creating buttons for file sharing.		Elias	1.5	
3.2	Attempt # 1 (Failed): Created button for sharing basic plain text within FileSelect Activity.	https://github.com/MethodicalMadness/Inspect/commit/4b9b33fd8b29046e78b2e3060364623ec19ae4f7		Elias	0.5	
3.3	Attempt # 2 (Successful): Created button within MainActivity to share plain text.	https://github.com/MethodicalMadness/Inspect/commit/6646301ed157f6f6f03eaf48f898e9302730d2e9		Elias	0.5	
3.4	Attempted an alternate and more streamlined implementation for file sharing using the file provider.			Elias	1.5	
3.5	Made multiple attempts at implementing ways of sharing files (either text or PDF) within MainActivity. The first two attempts have failed, but the functionality of the last remains	https://github.com/MethodicalMadness/Inspect/commit/3b83994ebd3520efedbc58e8347452d63ca9e21a		Elias	2.5	

	ambiguous due to a communication problem with the Google servers upon sharing the file.					
3.6	Made further attempts at implementing text file sharing within MainActivity. Last attempt involved the implementation of the fileShare method. This last attempt is partially working.	https://github.com/Meth odicalMadness/Inspect/ commit/6cd71c188e045 1b5445812650ec5cdc2 40399994 https://github.com/Meth odicalMadness/Inspect/ commit/0865d87d2fb44 3d355b55d36315f6736c 9699949 https://github.com/Meth odicalMadness/Inspect/ commit/5867e247c4594 3f35af61cae89e97b780 bfd08f8		Elias		2	
3.6.1	Created a test and confirmed file sharing works	https://github.com/Meth odicalMadness/Inspect/ commit/babca2f4c5f7dc 36c41ffd4c17c3288edcc e0af4		Michael		1.5	
3.7	Integrate with FileManager						
4.0	**Photo Manager**	Issue was found so Photo Manager was re-added.	Completed	Elias Michael			
4.1	Save pic from captured image and retrieve URI.						
4.1.1	Fixed errors in view implementation			Elias Michael		1 1	
4.1.2	Fixed FileProvider implementation	https://github.com/Meth odicalMadness/Inspect/ commit/7818be0ad7e0c 97f94cb88bc8c6024adb 30977e5		Elias Michael		2.5 5	
4.1.3	Camera output saves to directory	https://github.com/Meth odicalMadness/Inspect/ commit/c067b1ae97e19 e9496662a5e13aebd7c 1409be53		Michael		2	
4.1.4	Saved image URI now retrieved	https://github.com/Meth odicalMadness/Inspect/ commit/fa05c198946ac b0a81042bc08ac5eab0		Michael		3	

		bb0db7b0					
4.2	Attempted an alternate implementation of PhotoManager to locate and /or fix existing issues.	https://github.com/Meth odicalMadness/Inspect/ commit/dcfcffbb334486 17d83223ec48be8dd9d d933f95 https://github.com/Meth odicalMadness/Inspect/ commit/4112be34c5910 c4378991640f0ac64495 1962f0b		Elias		1	
5.0	**Inspector**	The onsite form to be completed	Not started				
5.1	User input						
5.2	Integrate Photo Manager						
5.3	Save						
5.4	Load						
5.5	Integrate Pdf export						
6.0	**Unit Testing**	Ensure methods within classes give expected output.	Not started	Michael Jasmine Conrad Elias	4 4 4 4	2	
6.1	Template Editor					2	
6.2	Template						
6.3	File Manager						
6.4	Photo Manager						
7.0	**Integration Testing**	Ensure that two modules behave and function as expected after integration.	Not started	Michael Jasmine Conrad Elias	4 4 4 4		
7.1	Template and supporting Template Element classes						
7.2	Template to Template Editor and Conversion Manager						
7.3	Inspector to Template						
8.0	**Project Management**	Individual tasks assigned, iteration plan,	In Progress	Michael Jasmine	4 4		

		trello, team meetings		Conrad Elias	4 4		
8.1	Maintain Trello			Michael		1	
8.2	Team / Oversight meeting			Michael Jasmine Conrad Elias		4 4 4 4	
8.3	Complete Elaboration Iteration 4 plan.			Michael Jasmine Conrad Elias		1	
8.4	Create next Elaboration Iteration plan			Michael		2	
9.0	**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		
9.1	Finalized previous iterations plan			Michael		1	
9.2	Uploaded Previous iteration docs, uploaded to git and updated links in PMAS			Michael		1	
10.0	**Blog**		Complete	Michael Jasmine Conrad Elias	1 1 1 1	1 1 1 1	

5. Issues

Issue	Status	Notes
Issue was found in PhotoManager and had to reintroduce it to the plan.	Green	URI from captured images where not saved. Works now.
Template Editor still MIA	RED	Editor still not complete
No integrations have occurred	RED	As template editor is still not complete, most if not all things cannot be integrated
No testing has occurred	RED	Most time has been spent researching and getting barebone functionality done

6. Assessment

Assessment target	Complete all Objectives by the end of iteration.
Assessment date	9 June
Participants	All
Project status	Red

· Assessment against objectives

Finalise Template Editor -Failed
Integrate File Manager -Failed
Integrate File Share Manager -Failed
Inspector -Failed
Testing -Failed

· Work Items: Planned compared to actually completed

Finalise Template Editor - was not finalized.
Integrate File Manager -template editor was not finished. Some issues were resolved though.
Integrate File Share Manager -File manager was not completed. So it was not integrated either.
Inspector -Did not start -Requires template editor, and as such was not started.
Testing -Nothing was completed so nothing was tested.

· Assessment against Evaluation Criteria Test results

Finalise Template Editor -Failed
Integrate File Manager -Failed
Integrate File Share Manager -Failed
Inspector -Failed
Testing -Failed

· Other concerns and deviations