

Inspect

Elaboration Iteration 2 Plan

1. Key milestones

Milestone	Date
Iteration start	29 Apr
Finalise Implementation of Template	
Finalise Implementation of Template Editor	
Unit Testing - Conversion Manager	
Unit Testing - Template Editor	
Integration Testing - Template, Conversion Manager and Template Editor	
Implement File Manager	
Implement File Share Manager	
Unit Testing - File Manager	
Unit Testing - File Share Manager	
Integration Testing - Log Manager, File Manager, File Share Manager	
Integration Testing - File Manager and Template	
Finalise work items and upload to repo	
Blog	
Iteration stop	12 May

2. High-level objectives

Elaboration Iteration 1 Objectives (Remaining)

1. Finalise Implementation of Template
2. Finalise Implementation of Template Editor
3. Unit Testing - Conversion Manager
4. Unit Testing - Template Editor
5. Integration Testing - Template, Conversion Manager and Template Editor

Elaboration Iteration 2 Objectives

6. Implement File Manager
7. Implement File Share Manager
8. Unit Testing - File Manager
9. Unit Testing - File Share Manager
10. Integration Testing - Log Manager, File Manager, File Share Manager
11. Integration Testing - File Manager and Template
12. Finalise work items and upload to repo

3. Evaluation criteria

Elaboration Iteration 1 Evaluation Criteria (Remaining)

1. Finalise Implementation of Template as agreed with team.
2. Finalise Implementation of Template Editor as agreed with team.
3. Unit Testing - Conversion Manager as agreed with team.
4. Unit Testing - Template Editor as agreed with team.
5. Integration Testing - Template, Conversion Manager and Template Editor as agreed with team.

Elaboration Iteration 2 Evaluation Criteria

6. Implement File Manager as agreed with team.
7. Implement File Share Manager as agreed with team.
8. Unit Testing - Log Manager, File Manager, File Share Manager as agreed with team.
9. Integration Testing - Log Manager, File Manager, File Share Manager as agreed with team.
10. Integration Testing - File Manager and Template as agreed with team.
11. 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	Finalise Implementation of Template	Template https://github.com/MethodicalMadness/Inspect/blob/master/app/src/main/java/com/example/inspect/Template.java	In Progress				
1.1	Create Element Class	Elements made up of a label and text field or image field.		Michael Jasmine Conrad Elias	4 4 4 2		
1.1.1	Created a simple text field (view)	https://github.com/MethodicalMadness/Inspect/blob/master/app/src/main/res/layout/text_field.xml		Michael		1	
1.2	Create Blank Template Class	A blank template for modifying. Essentially a canvas.		Elias	2		
1.2.1	Created a new (blank) template activity	https://github.com/MethodicalMadness/Inspect/blob/master/app/src/main/res/layout/template_editor.xml		Michael		2	
1.2.2	Gave template A4 page dimensions			Michael		1	
2.0	Finalise Implementation of Template Editor	Template Editor https://github.com/MethodicalMadness/Inspect/blob/master/app/src/main/java/com/example/inspect/TemplateEditor.java Layout (xml file) https://github.com/MethodicalMadness/Inspect/blob/master/app/src/main/res/layout/template_editor.xml	In Progress				
2.1	Modify Template	Add/Remove Element Class into (or on top of in a rendering sense)		Conrad	4		

		Template Class Canvas.					
2.1.1	Research into UI for template			Conrad		1.5	
2.1.2	Implemented add text field			Michael		1	
2.1.3	Implemented add page functionality and supporting layout	https://github.com/MethodicalMadness/Inspect/blob/master/app/src/main/res/layout/new_page.xml		Michael		2	
2.1.4	Researched examples of different types of templates/checklists as well as reports.			Elias		1	
2.2	Create GUI for modifying template and export to pdf	Simple GUI to complete the actions of creating a template.		Jasmine	4	2	
2.2.1	Implemented simple GUI and functionality for adding text field, and remove "children"			Michael		0.5	
2.2.2	Created simple GUI for export pdf			Michael		0.5	
2.2.3	Implemented add page button			Michael		0.5	
2.2.4	Create reference for UI screens interactions with each others and	Create a hand drawn diagram of how one area of application will move to the next, attempting to reuse parts where necessary https://github.com/MethodicalMadness/Inspect/blob/E1_Jasmine/Elaboration%20Documentation/Design%20References/LowFiLayoutReferences.pdf		Jasmine	2	1.5	
2.2.5	Create low fi sketches of screens for UI	Create small hand drawn layout ideas for required screens and more in depth screen interaction for the inspection side		Jasmine	1.5	1	

		https://github.com/Meth odicalMadness/Inspect /blob/E1_Jasmine/Elab oration%20Documenta tion/Design%20Refere nces/LowFiLayoutRef erences.pdf					
2.2.6	Research how layouts work within android studio	Looking into how to make layouts flexible for different resolutions		Jasmine	1	1	
2.2.7	Adjust layout for template editor	Make it look more visually appealing		Jasmine	2	1	
2.2.7.1	Redo layout for template editor	Layouts used are linear layouts, causes issues when converted to constraint layouts so it will work on different devices	In Progress	Jasmine	2	2	
2.3	Save state	A save state object for the modified template and functionality to save.		Elias	4		
2.4	Load State	Functionality to load a saved state.		Michael	4		
3.0	Implement File Manager						
3.1							
4.0	Implement File Share Manager						
4.1							
5.0	Unit Testing	Ensure methods within classes give expected output and meet user specifications.	Incomplete				
5.1	Perform Unit Testing for Conversion Manager			Michael	4		
5.2	Perform Unit Testing for Template			Elias	4		
5.3	Perform Unit Testing for Template Editor			Conrad Jasmine	4 4		
5.4	Perform Unit Testing for Log Manager			Elias	4		

5.5	Perform Unit Testing for File Manager						
5.6	Perform Unit Testing for File Share Manager						
6.0	Integration Testing	Ensure that two modules behave and function as expected after integration.	Incomplete				
6.1	Perform Integration Testing between Template, Log Manager, and Template Editor			Jasmine Conrad Elias	4 4 4		
6.2	Perform Integration Testing between Template Editor, Log Manager, and Conversion Manager			Michael Jasmine Conrad	4 4 4		
6.3	Perform Integration Testing between Template, Log Manager, and Conversion Manager			Michael Elias	4 4		
6.4	Perform Integration Testing between Log Manager, File Manager, File Share Manager						
6.5	Perform Integration Testing between File Manager and 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 Jasmine Conrad Elias			
7.2	Team / Oversight meeting			Michael Jasmine Conrad Elias			
7.3	Complete Elaboration Iteration 2 plan.			Michael Jasmine			

				Conrad Elias		0.5	
7.4	Create next Elaboration Iteration plan			TBA			
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		
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	
9.0	Blog		Complete	Michael Jasmine Conrad Elias	1 1 1 1		

5. Issues

Issue	Status	Notes

6. Assessment

Assessment target	Complete all Objectives by end of iteration
Assessment date	May 12
Participants	All
Project status	Green

- **Assessment against objectives**
- **Work Items: Planned compared to actually completed**
- **Assessment against Evaluation Criteria Test results**
- **Other concerns and deviations**