

Inspect Project Plan

1. Introduction

This document aims to outline the high level planning, practices, milestones and objectives.

2. Project organization

The project team is made up of 4 team members: Jasmine Booth, Michael Coleman, Conrad Fleming, and Elias Zambaka. Team members roles and responsibilities, and the project introduction can be found in the Vision Document:

<https://github.com/MethodicalMadness/Inspect/blob/master/Elaboration%20Documentation/Vision.pdf>

3. Project practices and measurements

All discrete tasks will be outlined in the iteration plan and completion is agreed upon by team members through review processes. All documents are reviewed and agreed upon by team members. All code tasks will be reviewed by another team member and facilitated by a third before merging with master.

Each iteration within the project will be risk driven. Highest risk architectural elements will be implemented first. Each elaboration iteration will also have development and integration testing. This testing phase of each iteration will be used to ensure stability of the core architecture before moving onto implementing next risky architecture element. Similarly, each construction phase will have internal and external user acceptance testing to ensure the application can handle required tasks in real-world scenarios.

4. Deployment

Deployment will occur through the google play store. Updates will also be pushed to the play store. The play store will handle updating users application as per their system settings.

5. Project milestones and objectives

Subject	Phase	Iteration	Dates	Primary objectives (risks and use case scenarios)
ITC303 – Software Development Project 1	Inception Phase	I-1	18/03 – 31/03	Complete Preliminary Non-functional Requirement Analysis Establish Initial Use Case Model Establish Initial Domain Model Establish Vision Establish Version Control Establish Developer Environments Establish Risk List
		I-2	01/04 – 14/04	Identify/Document Candidate Architectures Implement Technical Competency Demonstrator Create Test Plan Establish Initial Project Plan Establish Art Style Guide and UI Guidelines Deliver Life Cycle Objectives Milestone (LCOM) Complete Inception Phase Project Assessment
	Elaboration Phase	E-1	15/04 – 28/04 (Session Break)	Implement Log Manager Implement Conversion Manager Implement Template Implement Template Editor Unit Testing - Log Manager, Conversion Manager, Template, and Template Editor Integration Testing between Log Manager, Template, Conversion Manager, and Template Editor
		E-2	29/4 – 12/05	Implement File Manager Implement File Share Manager Unit Test Log Manager, File Manager, and File Share Manager Integration Testing between Log Manager, File Manager, and File Share Manager Integration Testing between File Manager and Template

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		E-3	13/05 – 26/05	Implement Inspector Implement Photo Manager Unit Test Inspector and Photo Manager Integration testing between Log manager, Inspector and Photo Manager Integration Testing between Inspector and Template
		E-4	27/05 – 10/06	Contingency Revise Architecture and Design Documentation Revise Project Plan Deliver Life Cycle Architecture Milestone (LCAM) Complete Elaboration Phase Project Assessment
Mid-year Semester Break				

Mid-year Semester Break				
ITC309 – Software Development Project 2	Construction Phase	C-1	tba	Implement Create, Modify, and Save a Template Use Case(s) Complete Unit and Integration Testing for Create, Modify, and Save a Template Use Case(s) Complete Internal User Acceptance Testing for Create, Modify, and Save a Template Use Case(s)
		C-2	tba	Implement On Site Inspection Use Case(s) Complete Unit and Integration Testing On Site Inspection Use Case(s) Complete Internal User Acceptance Testing for On Site Inspection Use Case(s)
		C-3	tba	Implement File Sharing Use Case(s) Complete Unit and Integration Testing for 4 th Highest Priority Use Case(s) Complete Internal User Acceptance Testing for 4 th Highest Priority Use Case(s)
		C-4	tba (Session Break)	Contingency Deliver Initial Operation Capability Milestone (IOCM) Complete Construction Phase Project Assessment

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	Transition Phase	T-1	tba	Package Application for Distribution (.APK) Complete 1 st Round External User Acceptance Testing Resolve Any Identified Issues
		T-2	tba	Complete 2 nd Round External User Acceptance Testing Resolve Any Identified Issues
		T-3	tba	Contingency Deliver Product Release Milestone (PRM) Complete Final Project Assessment