8-Dec-2016

https://gitlab.cas.mcmaster.ca/dimitn/image\_processing\_app

Project manager

**Project dates** 5-Sep-2016 - 19-Jan-2017

Completion78%Tasks160Resources3

Name	Begin date	End date
Team Formation	12/09/16	12/09/16
Looking for 2 teammates	12/09/16	12/09/16
Software Engineering 3XA3	12/09/16	12/09/16
Lab 1	12/09/16	12/09/16
Orgainzed	12/09/16	12/09/16
Simiar working styles	12/09/16	12/09/16
Writing Skills	12/09/16	12/09/16
Interpersonal skills	12/09/16	12/09/16
Technical skills	12/09/16	12/09/16
Similar goals	12/09/16	12/09/16
Strong communication skills	12/09/16	12/09/16
Looking for a solid school project	12/09/16	12/09/16
Project Approval	19/09/16	19/09/16
Define aoftwarre purpose	19/09/16	19/09/16
Find open source project	19/09/16	19/09/16
Appropriate scope for 1 term	19/09/16	19/09/16
Deciding programming language	19/09/16	19/09/16
Deciding IDE	19/09/16	19/09/16
Hardware requirements	19/09/16	19/09/16
Software requirements	19/09/16	19/09/16
Not the same project as a previous year	19/09/16	19/09/16
Domain knowledge comfortable with	19/09/16	19/09/16
Software scope	19/09/16	19/09/16
Problem Statement	23/09/16	24/09/16
Started doc	23/09/16	23/09/16
LaTeX preffered	23/09/16	23/09/16
Problem solved	23/09/16	23/09/16

Name	Begin date	End date
Problem importance	23/09/16	23/09/16
Context of problem	23/09/16	23/09/16
Stakeholders?	23/09/16	23/09/16
Enviornment of software	23/09/16	23/09/16
Make sure its 1 page	23/09/16	23/09/16
Review doc	23/09/16	23/09/16
Upload to GitLab	23/09/16	23/09/16
Team Meeting	22/09/16	22/09/16
Team Meeting	26/09/16	26/09/16
Team Meeting	29/09/16	29/09/16
Development Plan	29/09/16	30/09/16
Started Developed Plan Document	29/09/16	29/09/16
View sample development plans	29/09/16	29/09/16
Team meeting plan	29/09/16	29/09/16
Team communication plan	29/09/16	29/09/16
Team Member Roles	29/09/16	29/09/16
Git Workflow Plan	29/09/16	29/09/16
Proof of concept demonstartion plan	29/09/16	29/09/16
Technology	29/09/16	29/09/16
Coding style	29/09/16	29/09/16
Review Development Plan Document	29/09/16	29/09/16
Team Meeting	03/10/16	03/10/16
Requirements Document Revision 0	06/10/16	07/10/16
Revise Gantt Chart	06/10/16	06/10/16
General Introuction	06/10/16	06/10/16
Identify Stakeholders	06/10/16	06/10/16

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Tasks

Name	Begin date	End date
Use Cases	06/10/16	06/10/16
Identify inputs and outputs	06/10/16	06/10/16
Document functional requirements	06/10/16	06/10/16
Document non-functional requirements	06/10/16	06/10/16
Created tables in doc	06/10/16	06/10/16
Tagged on Git	06/10/16	06/10/16
Review SRS Document	06/10/16	06/10/16
Team Meeting	06/10/16	06/10/16
Team Meeting	10/10/16	10/10/16
Proof of Concept Demonstration	11/10/16	14/10/16
Decide what we will attempt for PoC	11/10/16	11/10/16
Fufill functional and non-functional req.	11/10/16	14/10/16
Start Coding for Concept Demonstration	11/10/16	14/10/16
Added text based file explorer	11/10/16	14/10/16
Simple GUI	11/10/16	14/10/16
3 simple filters	11/10/16	14/10/16
Filter display	11/10/16	14/10/16
Reset button added	11/10/16	14/10/16
over look questions that may be asked	11/10/16	14/10/16
Plan for future test cases	11/10/16	14/10/16
Team Meeting	13/10/16	13/10/16
Team Meeting	17/10/16	17/10/16
Test Plan Revision 0	20/10/16	28/10/16
Brainstrom Test Cases	20/10/16	20/10/16
Begin Documentation	20/10/16	20/10/16

Name	Begin date	End date
Pick Unit Testing Framework	21/10/16	21/10/16
Identify Plans for Automated Testing	21/10/16	21/10/16
Pick Types of Tests (White/Black box)	24/10/16	24/10/16
Error Handling Test Cases	24/10/16	24/10/16
Usability and Performace Tests	24/10/16	24/10/16
Implement Test Cases in Java	25/10/16	25/10/16
Proof of Concept Test	25/10/16	25/10/16
Parallel Testing	25/10/16	25/10/16
Create Tables and Figures	26/10/16	26/10/16
Review Test Plan Document	27/10/16	27/10/16
Team Meeting	24/10/16	24/10/16
Team Meeting	27/10/16	27/10/16
Team Meeting	03/11/16	03/11/16
Design Document Revision 0	07/11/16	11/11/16
Make code more modular	07/11/16	07/11/16
New Import / Export Interface	07/11/16	07/11/16
Start MIS	07/11/16	07/11/16
Start MG Doc	07/11/16	07/11/16
Window Auto resizing	08/11/16	08/11/16
Determine Unlikely Changes/ Anticipated Changes	08/11/16	08/11/16
Create Uses Diagram	08/11/16	09/11/16
Generate HTML from DOxygen	09/11/16	09/11/16
Proof Read MIS	10/11/16	10/11/16
Proof Read MG	10/11/16	10/11/16
Proof Read Final Doc	10/11/16	10/11/16
Team Meeting	10/11/16	10/11/16

### Tasks

Name Team Meeting  Revision 0 Demonstration Researched risks of application Decided future steps Updated Gantt Chart to show future timeline Reviewed Code Created user survey Perfromed user survey Reviewed all functional requirements Reviewed all functional requirements Reviewed all test cases Identified changes for to SRS, Test Plan, Des Doc for next revision  Team Meeting Final Demonstration (Revision 1) Brainstorm method of presentation Reviewed Marking Scheme Created Slide topics based on slide topics Created Keynote Created Excel Tables Assigning team members topics to be presented Reviewed Keynote Practiced Demo Practiced Script	Begin date	End date	
Team Meeting	14/11/16	14/11/16	
Revision 0 Demonstration	14/11/16	17/11/16	
Researched risks of application	14/11/16	14/11/16	
Decided future steps	14/11/16	14/11/16	
Updated Gantt Chart to show future timeline	14/11/16	14/11/16	
Reviewed Code	15/11/16	15/11/16	
Created user survey	15/11/16	15/11/16	
Perfromed user survey	16/11/16	16/11/16	
Reviewed all functional requirements	16/11/16	16/11/16	
Reviewed all non-functional requirements	16/11/16	16/11/16	
Reviewed all test cases	16/11/16	16/11/16	
Identified changes for to SRS, Test Plan, Des Doc for next revision	16/11/16	16/11/16	
Team Meeting	17/11/16	17/11/16	
Final Demonstration (Revision 1)	18/11/16	03/12/16	
Brainstorm method of presentation	18/11/16	18/11/16	
Reviewed Marking Scheme	21/11/16	21/11/16	
Created Slide topics based on slide topics	21/11/16	21/11/16	
Created Keynote	22/11/16	22/11/16	
Created Script	22/11/16	22/11/16	
Created Excel Tables	23/11/16	23/11/16	
Assigning team members topics to be presented	24/11/16	24/11/16	
Reviewed Keynote	25/11/16	25/11/16	
Practiced Demo	28/11/16	02/12/16	
Practiced Script	28/11/16	02/12/16	
Team Meeting	21/11/16	21/11/16	
Team Meeting	24/11/16	24/11/16	

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Name	Begin date	End date	
Team Meeting	28/11/16	28/11/16	
Peer Eval of Other Team's Final Demo	28/11/16	02/12/16	
Team Meeting	01/12/16	01/12/16	
Team Meeting	05/12/16	05/12/16	
Test Report	05/12/16	07/12/16	
Evaluate functional and non-functional requirement	05/12/16	05/12/16	
Test cases for bad/abnormal input	05/12/16	05/12/16	
Comparision to inital implementation	05/12/16	05/12/16	
Performed performance tests	05/12/16	05/12/16	
Performed stress tests	05/12/16	05/12/16	
Performed robustness tests	05/12/16	05/12/16	
Created graphs and tables	05/12/16	05/12/16	
Automated Testing	05/12/16	05/12/16	
Traceability to requirements	05/12/16	05/12/16	
Traceability to module	05/12/16	05/12/16	
Reviewed Document	06/12/16	06/12/16	
Final Documentation (Revision 1)	02/12/16	09/12/16	
Updated Gantt	02/12/16	02/12/16	
Creating Jar	02/12/16	05/12/16	
Started Test Report	05/12/16	05/12/16	
Reviewed TA Feedback	05/12/16	05/12/16	
Fixed Problem Statemenet	05/12/16	05/12/16	
Fixed Development Plan	05/12/16	05/12/16	
Fixed Requirements Document	05/12/16	05/12/16	
Fixed Design Document	05/12/16	05/12/16	
Fixed Test Plan	05/12/16	05/12/16	
Cleaned Source Code	05/12/16	05/12/16	

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Tasks

Name	Begin date	End date	
Reviewed Final Doc	08/12/16	08/12/16	
Lab Excercises	05/09/16	07/12/16	
Future Implementations: MP4/ WebCam/ WebApplication	08/12/16	18/01/17	

### Resources

Name	Default role
Nezar Dimitri	Developer
Abeed Alibhai	Developer
Rahul Bablani	Project Manager

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### **Gantt Chart**

GANTT	<b>5</b> -		2016			Problem Stateme Devi	elopment Plan	quirements Docum	ent Revision 0	Test Plan Revision 0		Design Do	ument Revision 00	Final Demonstration	(Revision 1)	Final Do Test Repo	rt (Revision 1)			2017			
project	Denie data	End date	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Week 53	Week 1	Week 2	Week 3	Week 4
Name  Team Formation	Begin date 12/09/16	12/09/16	04/09/16 Tea	m Formation	18/09/16	25/09/16	02/10/16	09/10/16	16/10/16	23/10/16	30/10/16	06/11/16	13/11/16	20/11/16	27/11/16	04/12/16	11/12/16	18/12/16	25/12/16	01/01/17	08/01/17	15/01/17	22/01/17
Project Approval		19/09/16		Pr	oject Approval																		
Problem Statement	23/09/16	24/09/16	_		Problem States																		
• Team Meeting		22/09/16			Team Meeti	ing																	
Team Meeting	26/09/16	26/09/16	_			Team Meeting																	
Team Meeting		29/09/16				Team Meeting																	
Development Plan	29/09/16	30/09/16	_			Development Plan																	
Team Meeting		03/10/16				Tea	m Meeting																
-	06/10/16	03/10/16	_			Requirements Do	cument Revision 0																
							Team Meeting	)															
Team Meeting     Team Meeting	06/10/16 10/10/16	06/10/16 10/10/16						sam Meeting															
-		14/10/16					Proof of	Concept Demonstr	ation														
Team Meeting		13/10/16						Team Meetin	9														
-	17/10/16							т	eam Meeting														
Test Plan Revision 0		28/10/16	_						Test Plan Revision														
Team Meeting	24/10/16								•	Team Meeting													
Team Meeting     Team Meeting		27/10/16	_							Team Meeting	9												
Team Meeting		03/11/16									Team Meetin	9											
-	07/11/16										Design Documen	nt Revision 0											
Team Meeting	10/11/16											Team Meetin	1										
Team Meeting		14/11/16										T	eam Meeting										
Revision 0 Demonstration	14/11/16											Revision 0 De											
		17/11/16											Team Meeting	,									
		03/12/16										Final Der	nonstration (Revision										
Team Meeting		21/11/16												eam Meeting									
Team Meeting	24/11/16													Team Meeting	3								
Team Meeting		28/11/16													eam Meeting								
Peer Eval of Other Team's Final Demo		02/12/16												Peer Eval of C	ther Team's Final D	emo							
Team Meeting		01/12/16													Team Meetin	g							
Team Meeting		05/12/16														eam Meeting							
Test Report	05/12/16	07/12/16														Test Report							
		09/12/16												Final Docu	umentation (Revision	<u> </u>							
Lab Excercises	05/09/16	07/12/16														Lab Excercises							
Future Implementations: MP4/ Web																				Future Implement	tations: MP4/ WebCa	m/ WebApplication	

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### **Resources Chart**

GANTT	<del>48</del>	2016		[	Problem Stateme Development Plan Requirements Document Revision 0 Test Plan Revision 0 Design Document Revision 0 Final Demonstration (Revision 1) Final Del Test Report (Revision 1)										2017							
Name	Default role	Week 37 04/09/16	Week 38 11/09/16	Week 39 18/09/16	Week 40 25/09/16	Week 41 02/10/16	Week 42 09/10/16	Week 43 16/10/16	Week 44 23/10/16	Week 45 30/10/16	Week 46 06/11/16	Week 47 13/11/16	Week 48 20/11/16	Week 49 27/11/16	Week 50 04/12/16	Week 51 11/12/16	Week 52 18/12/16	Week 53 25/12/16	Week 1 01/01/17	Week 2 08/01/17	Week 3 15/01/17	Week 4 22/01/17
■	Developer								33% 33%					6%		33%	33%	33%	33%	33%	33%	
■ Abeed Alibhai	Developer								33%					9%		33%	33%	33%	33%	33%	33%	
⊕ Rahul Bablani	Project Manager								33% 33%					9%		33%	33%	33%	33%	33%	33%	