3XA3 Project 12-Apr-2021

McMaster http://

Project manager

**Project dates** 18-Jan-2021 - 14-Apr-2021

Completion100%Tasks32Resources3

This project is for the course 3XA3 at McMaster University. The main objective of this project is to add to an open-source project of Checkers while also appropriately following the software project life-cycle.

# Tasks

Name	Begin date	End date
Team Formation	18/01/21	18/01/21
Project Approval	25/01/21	29/01/21
Problem Statement	27/01/21	29/01/21
Development Plan	01/02/21	05/02/21
Gnatt Chart	01/02/21	05/02/21
Requirements Document	08/02/21	12/02/21
Proof of Concept	15/02/21	23/02/21
Creating GUI	15/02/21	23/02/21
Creating Assets (Images for GUI)	15/02/21	23/02/21
Integrating new GUI with existing project	15/02/21	23/02/21
Test Plan	24/02/21	05/03/21
Unit Testing	24/02/21	05/03/21
Integration Testing	24/02/21	05/03/21
Design & Document	08/03/21	17/03/21
MG	08/03/21	11/03/21
MIS	12/03/21	17/03/21
Demonstration	18/03/21	24/03/21
Restructure Code & Modularize classes	18/03/21	24/03/21
Fix Checkers Logic	18/03/21	24/03/21
Optimize AI (Fix Minmax to use new game logic)	18/03/21	24/03/21
Fix GUI (highlight pieces/valid-moves, fix new-game button and tutorial)	18/03/21	24/03/21
Final Demonstration	25/03/21	02/04/21

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## Tasks

Name	Begin date	End date	
Testing	25/03/21	02/04/21	
2-Player Game	25/03/21	02/04/21	
Fix King logic	25/03/21	02/04/21	
Update GUI (Messages, 2-player game option)	25/03/21	02/04/21	
Optimize AI	25/03/21	02/04/21	
Final Documentation	05/04/21	13/04/21	
MIS	05/04/21	13/04/21	
MG	05/04/21	13/04/21	
SRS	05/04/21	13/04/21	
Test Plan & Test Report	05/04/21	13/04/21	

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#### Resources

Name	Default role
Ardhendu Barge	developer
Dylan Smith	developer
Thaneegan Chandrasekara	developer

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### **Gantt Chart**

GANTT 2021												
	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16
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#### **Resources Chart**

GANTT	8	2021												
Name	Default role	Week 4	Week 5 24/01/21	Week 6 31/01/21	Week 7 07/02/21	Week 8 14/02/21	Week 9 21/02/21	Week 10 28/02/21	Week 11 07/03/21	Week 12 14/03/21	Week 13	Week 14 28/03/21	Week 15 04/04/21	Week 16 11/04/21
Ardhendu Barge	developer		33% 67%	01101121	33%	80%	80% 33%	33%	3770072.1	1,11,00,21	75%	75%	0,10,12	
■ Dylan Smith	developer		33% 67%		33%		33%	33%			75%	75%		
Thaneegan Chandrasekara	developer		33% 67%		33%	80%	80% 33%	33%		50%	75%	75%		