#### 3XA3ChessProject

Feb. 10, 2021

http://

Project manager Jonathan Cels

**Project dates** Jan. 25, 2021 - Apr. 13, 2021

Completion0%Tasks55Resources3

Product development schedule for the 3XA3 term project - a chess game refactored in JavaScript using Node.js and React.

# Tasks

Name	Begin date	End date
Problem Statement	2021-01-25	2021-01-29
Problem Definition	2021-01-25	2021-01-29
Problem Importance	2021-01-25	2021-01-29
Problem Context	2021-01-25	2021-01-29
Problem Statement Deadline	2021-01-30	2021-01-30
DevelopmentPlan	2021-01-30	2021-02-05
Meeting Plan	2021-01-30	2021-02-03
Communication Plan	2021-01-30	2021-02-03
Member Roles	2021-01-30	2021-02-03
Git Workflow Plan	2021-02-01	2021-02-03
Proof of Concept Demo	2021-02-02	2021-02-04
Technology Description	2021-02-02	2021-02-04
Coding Style	2021-02-04	2021-02-05
Project Schedule Gantt Chart	2021-02-04	2021-02-05
Development Plan Deadline	2021-02-06	2021-02-06
SRS Revision 0	2021-02-06	2021-02-12
Introduction and Project Drivers	2021-02-06	2021-02-09
Functional Requirements	2021-02-09	2021-02-12
Non-functional Requirements	2021-02-10	2021-02-12
SRS Deadline	2021-02-13	2021-02-13
Implement Proof of Concept	2021-02-13	2021-02-26
Implement Game Logic	2021-02-13	2021-02-19
Implement Server Hosting	2021-02-19	2021-02-23

## Tasks

Name	Begin date	End date
Implement GUI	2021-02-22	2021-02-26
Implement Back-End Data Transfer	2021-02-24	2021-02-26
Demo Timeslot 1	2021-02-22	2021-02-22
Demo Timeslot 2	2021-02-23	2021-02-23
Test Plan Revision 0	2021-02-24	2021-03-05
Introduction and Plan	2021-02-24	2021-02-26
System Test Description	2021-02-24	2021-02-26
Tests for Proof of Concept	2021-02-26	2021-03-01
Unit Testing Plan	2021-03-01	2021-03-05
Test Plan Deadline	2021-03-06	2021-03-06
Design & Document Revision 0	2021-03-06	2021-03-18
MIS	2021-03-06	2021-03-13
MG	2021-03-13	2021-03-18
Design & Document Deadline	2021-03-19	2021-03-19
Revision 0 Demonstration (Revision 1)	2021-03-19	2021-03-26
Demo Timeslot 1	2021-03-22	2021-03-22
Demo Timeslot 2	2021-03-23	2021-03-23
Revise Documentation	2021-03-19	2021-03-26
Final Demonstration (Revision 1)	2021-03-27	2021-04-09
Expand and Compete Implementation	2021-03-27	2021-04-02
Implement Chat Feature	2021-04-03	2021-04-06
Implement Al Player	2021-04-07	2021-04-09
Peer Evaluation	2021-04-05	2021-04-09

## Tasks

Name	Begin date	End date		
Implement Testing Plan	2021-04-05	2021-04-09		
Final Implementation Deadline	2021-04-10	2021-04-10		
Final Documentation (Revision 1)	2021-03-23	2021-04-12		
Problem Statement Revision	2021-03-23	2021-03-27		
Development Plan Revision	2021-03-28	2021-04-01		
Design Document Revision	2021-04-02	2021-04-06		
Test Plan Revision	2021-04-07	2021-04-11		
Source Code	2021-03-23	2021-04-12		
Final Documentation Deadline	2021-04-13	2021-04-13		

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#### Resources

Name	Default role
Jonathan Cels	project manager
Rupinder Nagra	developer
Pesera Amarasekera	doc writer

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## **Gantt Chart**

GARTT Cabrunat 2024 Development Plan Deadline	SRS Deadline Demo Timeslot 1   meslot 2	March 2021 Test Plan Deadline
6 7 9 0 10 11 12	SRS Deadline	1 2 3 4 5 6 7 8 9 10 11 12 13 14
Name Begin date End date		
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Problem Definiti 2021-01 2021-01		
Problem Importa 2021-01 2021-01		
Problem Context 2021-01 2021-01		
Problem Statement 2021-01 2021-01		
■ DevelopmentPlan 2021-01 2021-02		
<ul> <li>Meeting Plan</li> <li>2021-01</li> <li>2021-02</li> </ul>		
Communication 2021-01 2021-02		
<ul> <li>Member Roles 2021-01 2021-02</li> </ul>		
Git Workflow Plan 2021-02 2021-02		
<ul> <li>Proof of Concept 2021-02</li> </ul>		
Technology Desc 2021-02 2021-02		
Coding Style 2021-02 2021-02		
Project Schedule 2021-02 2021-02		
<ul> <li>Development Plan D 2021-02</li> </ul>		
□ SRS Revision 0 2021-02 2021-02	7	
<ul> <li>Introduction and 2021-02</li> </ul>		
<ul> <li>Functional Requi 2021-02</li> </ul>		
Non-functional 2021-02 2021-02		
<ul> <li>SRS Deadline</li> <li>2021-02</li> <li>2021-02</li> </ul>	•	
■ Implement Proof of 2021-02 2021-02		
<ul> <li>Implement Game 2021-02</li> </ul>		
<ul> <li>Implement Serve 2021-02</li> </ul>		
<ul> <li>Implement GUI 2021-02 2021-02</li> </ul>		
<ul><li>Implement Back 2021-02</li></ul>		
<ul> <li>Demo Timeslot 1 2021-02 2021-02</li> </ul>	<b>♦</b>	
<ul> <li>Demo Timeslot 2 2021-02 2021-02</li> </ul>	<b>♦</b>	
☐ ● Test Plan Revision 0 2021-02 2021-03		
<ul> <li>Introduction and 2021-02</li> </ul>		
<ul> <li>System Test Desc 2021-02</li> </ul>		
<ul> <li>Tests for Proof of 2021-02</li> </ul>		
<ul> <li>Unit Testing Plan</li> <li>2021-03</li> <li>2021-03</li> </ul>		
• Test Plan Deadline 2021-03 2021-03		<u> </u>
☐ ● Design & Document 2021-03 2021-03		
• MIS 2021-03 2021-03		
• MG 2021-03 2021-03		
Design & Document 2021-03 2021-03		
☐ ● Revision 0 Demonstr 2021-03 2021-03		
Demo Timeslot 1 2021-03 2021-03		
Demo Timeslot 2 2021-03 2021-03		
Revise Documen 2021-03 2021-03		
□ ● Final Demonstration 2021-03 2021-04		
• Expand and Com 2021-03 2021-04		
• Implement Chat 2021-04 2021-04		
Implement Chat 2021-04     Implement Al Pla 2021-04     Implement Al Pla 2021-04		
<ul> <li>Implement Chat 2021-04</li> <li>Implement AI Pla 2021-04</li> <li>Peer Evaluation 2021-04 2021-04</li> </ul>		
<ul> <li>Implement Chat 2021-04</li> <li>Implement Al Pla 2021-04</li> <li>Peer Evaluation 2021-04</li> <li>Implement Testin 2021-04</li> <li>Implement Testin 2021-04</li> </ul>		
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Implement Chat 2021-04     Implement Al Pla 2021-04     Peer Evaluation   2021-04     Implement Testin 2021-04     Implement Testin 2021-04     Final Implementation 2021-04     Final Documentation 2021-03     Problem Stateme 2021-03     Development Pla 2021-03     Design Documen 2021-04     Design Documen 2021-04		

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Resources Chart 7					
GANTT	Development Plan Deadline	SRS Deadline	Demo Timeslot 1 meslot 2	March 2021	Test Plan Deadline
Name	Default role 6 7 8 9	10 11 12 13 14 15 16 17	18 19 20 21 22 23 24 25 26	3 27 28 1 2 3 4 5	6 7 8 9 10 11 12 13 14
■ Jonathan Cels	project man 70%				
Rupinder Nagra	developer				
Pesera Amarasekera	doc writer				