#### **PythonPaintersGanttChart**

Apr. 12, 2022

http://

Project manager

**Project dates** Jan. 19, 2022 - Apr. 13, 2022

Completion100%Tasks31Resources3

This is a Gantt project for the 3XA3 Python Painters project. The tasks will be completed by Aamina Hussain, Jessica Dawson, and Fady Morcos.

# Tasks

Research Project Ideas         2022-01-19         2022-01-23         5           Choose Project         2022-01-24         2022-01-24         1           Project Approval Document         2022-01-26         2022-01-25         2           Receive Project Approval         2022-01-26         2022-01-26         1           Problem Statement         2022-01-27         2022-01-28         2           Development Plan         2022-01-31         2022-02-04         5           Requirements Document Revision 0         2022-02-07         2022-02-11         5           Learning Pygame & Tkinter         2022-02-14         2022-02-20         7           Additional Layers         2022-02-14         2022-02-20         7           Additional Layers         2022-02-12         2022-03-02         1           Test Plan Revision 0         2022-03-12         2022-03-02         1           Test Plan Revision 0         2022-03-12         2022-03-20         9           Implement Layer Module         2022-03-12         2022-03-20         9           Implement Canvas Module         2022-03-12         2022-03-20         9           Implement Help Module         2022-03-12         2022-03-20         9           Implement Color Palette Modu	Name	Begin date	End date	Duration
Project Approval Document         2022-01-24         2022-01-25         2           Receive Project Approval         2022-01-26         2022-01-26         1           Problem Statement         2022-01-27         2022-01-28         2           Development Plan         2022-01-31         2022-02-04         5           Requirements Document Revision 0         2022-02-07         2022-02-11         5           Learning Pygame & Tkinter         2022-02-14         2022-02-20         7           Additional Layers         2022-02-21         2022-02-26         6           Proof of Concept Demonstration         2022-03-02         2022-03-02         1           Test Plan Revision 0         2022-03-05         2022-03-02         1           Modularize/Clean-up Code         2022-03-12         2022-03-20         9           Implement Assets Module         2022-03-12         2022-03-20         9           Implement Canvas Module         2022-03-12         2022-03-20         9           Implement UI Controller Module         2022-03-12         2022-03-20         9           Implement Color Palette Module         2022-03-12         2022-03-20         9           Implement Overlay Module         2022-03-12         2022-03-20         9	Research Project Ideas	2022-01-19	2022-01-23	5
Receive Project Approval         2022-01-26         2022-01-26         1           Problem Statement         2022-01-27         2022-01-28         2           Development Plan         2022-01-31         2022-02-04         5           Requirements Document Revision 0         2022-02-07         2022-02-11         5           Learning Pygame & Tkinter         2022-02-14         2022-02-20         7           Additional Layers         2022-02-21         2022-02-26         6           Proof of Concept Demonstration         2022-03-02         2022-03-02         1           Test Plan Revision 0         2022-03-05         2022-03-02         1           Modularize/Clean-up Code         2022-03-12         2022-03-20         9           Implement Assets Module         2022-03-12         2022-03-20         9           Implement Layer Module         2022-03-12         2022-03-20         9           Implement Canvas Module         2022-03-12         2022-03-20         9           Implement Help Module         2022-03-12         2022-03-20         9           Implement Color Palette Module         2022-03-12         2022-03-20         9           Implement Overlay Module         2022-03-12         2022-03-20         9	Choose Project	2022-01-24	2022-01-24	1
Problem Statement       2022-01-27       2022-01-28       2         Development Plan       2022-01-31       2022-02-04       5         Requirements Document Revision 0       2022-02-07       2022-02-11       5         Learning Pygame & Tkinter       2022-02-14       2022-02-20       7         Additional Layers       2022-02-21       2022-02-26       6         Proof of Concept Demonstration       2022-03-02       2022-03-02       1         Test Plan Revision 0       2022-03-05       2022-03-02       1         Modularize/Clean-up Code       2022-03-12       2022-03-20       9         Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4 <td>Project Approval Document</td> <td>2022-01-24</td> <td>2022-01-25</td> <td>2</td>	Project Approval Document	2022-01-24	2022-01-25	2
Development Plan         2022-01-31         2022-02-04         5           Requirements Document Revision 0         2022-02-07         2022-02-11         5           Learning Pygame & Tkinter         2022-02-14         2022-02-20         7           Additional Layers         2022-02-21         2022-02-26         6           Proof of Concept Demonstration         2022-03-02         2022-03-02         1           Test Plan Revision 0         2022-03-05         2022-03-11         7           Modularize/Clean-up Code         2022-03-12         2022-03-20         9           Implement Assets Module         2022-03-12         2022-03-20         9           Implement Layer Module         2022-03-12         2022-03-20         9           Implement Canvas Module         2022-03-12         2022-03-20         9           Implement UI Controller Module         2022-03-12         2022-03-20         9           Implement Color Palette Module         2022-03-12         2022-03-20         9           Implement Overlay Module         2022-03-12         2022-03-20         9           Design & Document Revision 0         2022-03-14         2022-03-18         5           Color Palette Changes         2022-03-19         2022-03-22         4	Receive Project Approval	2022-01-26	2022-01-26	1
Requirements Document Revision 0       2022-02-07       2022-02-11       5         Learning Pygame & Tkinter       2022-02-14       2022-02-20       7         Additional Layers       2022-02-21       2022-02-26       6         Proof of Concept Demonstration       2022-03-02       2022-03-02       1         Test Plan Revision 0       2022-03-05       2022-03-11       7         Modularize/Clean-up Code       2022-03-12       2022-03-20       9         Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	Problem Statement	2022-01-27	2022-01-28	2
Learning Pygame & Tkinter       2022-02-14       2022-02-20       7         Additional Layers       2022-02-21       2022-02-26       6         Proof of Concept Demonstration       2022-03-02       2022-03-02       1         Test Plan Revision 0       2022-03-05       2022-03-11       7         Modularize/Clean-up Code       2022-03-12       2022-03-20       9         Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Convas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	Development Plan	2022-01-31	2022-02-04	5
Additional Layers       2022-02-21       2022-02-26       6         Proof of Concept Demonstration       2022-03-02       2022-03-02       1         Test Plan Revision 0       2022-03-05       2022-03-11       7         Modularize/Clean-up Code       2022-03-12       2022-03-20       9         Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	Requirements Document Revision 0	2022-02-07	2022-02-11	5
Proof of Concept Demonstration       2022-03-02       2022-03-02       1         Test Plan Revision 0       2022-03-05       2022-03-11       7         Modularize/Clean-up Code       2022-03-12       2022-03-20       9         Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	Learning Pygame & Tkinter	2022-02-14	2022-02-20	7
Test Plan Revision 0       2022-03-05       2022-03-11       7         Modularize/Clean-up Code       2022-03-12       2022-03-20       9         Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	Additional Layers	2022-02-21	2022-02-26	6
Modularize/Clean-up Code       2022-03-12       2022-03-20       9         Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	Proof of Concept Demonstration	2022-03-02	2022-03-02	1
Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	Test Plan Revision 0	2022-03-05	2022-03-11	7
Implement Assets Module       2022-03-12       2022-03-20       9         Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4				
Implement Layer Module       2022-03-12       2022-03-20       9         Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	•			
Implement Canvas Module       2022-03-12       2022-03-20       9         Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	•			
Implement UI Controller Module       2022-03-12       2022-03-20       9         Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	,			
Implement Help Module       2022-03-12       2022-03-20       9         Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	•			
Implement Color Palette Module       2022-03-12       2022-03-20       9         Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	•			9
Implement Overlay Module       2022-03-12       2022-03-20       9         Design & Document Revision 0       2022-03-14       2022-03-18       5         Color Palette Changes       2022-03-19       2022-03-22       4	·			
Design & Document Revision 0 2022-03-14 2022-03-18 5 Color Palette Changes 2022-03-19 2022-03-22 4	Implement Color Palette Module		2022-03-20	9
Color Palette Changes 2022-03-19 2022-03-22 4	Implement Overlay Module	2022-03-12	2022-03-20	9
Color Palette Changes 2022-03-19 2022-03-22 4	Design & Document Revision 0	2022-03-14	2022-03-18	5
·	•			
10x on top or image	•			
Layer Transparency 2022-03-19 2022-03-22 4				
Revision 0 Demonstration 2022-03-23 2022-03-23 1	•			1
Adding Border Options 2022-03-24 2022-03-27 4				4
Updating Help Module 2022-03-24 2022-03-27 4				
Adding UI Theme Switch Option 2022-03-24 2022-03-27 4				

## Tasks

Name	Begin date	End date	Duration	
Testing Final Program	2022-03-28	2022-03-31	4	
Final Demonstration (Revision 1)	2022-04-04	2022-04-04	1	
Peer Evaluation	2022-04-04	2022-04-04	1	
Final Documentation (Revision 1)	2022-04-01	2022-04-12	12	

r. 12, 2022 3

### Resources

Name	Default role
Aamina Hussain	undefined
Jessica Dawson	undefined
Fady Morcos	undefined

**Gantt Chart** 

GANTT. project	<b>~</b>		2022																	
Name	Begin date End date	Duration	Week 2 2022-01-02	Week 3 2022-01-09	Week 4 2022-01-16	Week 5 2022-01-23	Week 6 2022-01-30	Week 7 2022-02-06	Week 8 2022-02-13	Week 9 2022-02-20	Week 10 2022-02-27	Week 11 2022-03-06	Week 12 2022-03-13	Week 13 2022-03-20	Week 14 2022-03-27	Week 15 2022-04-03	Week 16 2022-04-10	Week 17 2022-04-17	Week 18 2022-04-24	Week 1 2022-05
Research Project Ideas	2022-01-19 2022-01-23	5																		
<ul> <li>Choose Project</li> </ul>	2022-01-24 2022-01-24	1																		
<ul> <li>Project Approval Document</li> </ul>	2022-01-24 2022-01-25	2																		
<ul> <li>Receive Project Approval</li> </ul>	2022-01-26 2022-01-26	1																		
<ul> <li>Problem Statement</li> </ul>	2022-01-27 2022-01-28	2																		
<ul> <li>Development Plan</li> </ul>	2022-01-31 2022-02-04	5																		
<ul> <li>Requirements Document Revision 0</li> </ul>	2022-02-07 2022-02-11	5																		
Learning Pygame & Tkinter	2022-02-14 2022-02-20	7																		
Additional Layers	2022-02-21 2022-02-26	6																		
<ul> <li>Proof of Concept Demonstration</li> </ul>	2022-03-02 2022-03-02	1																		
Test Plan Revision 0	2022-03-05 2022-03-11	7																		
Modularize/Clean-up Code	2022-03-12 2022-03-20	9																		
<ul> <li>Implement Assets Module</li> </ul>	2022-03-12 2022-03-20	9																		
<ul> <li>Implement Layer Module</li> </ul>	2022-03-12 2022-03-20	9																		
<ul> <li>Implement Canvas Module</li> </ul>	2022-03-12 2022-03-20	9																		
<ul> <li>Implement UI Controller Module</li> </ul>	2022-03-12 2022-03-20	9																		
<ul> <li>Implement Help Module</li> </ul>	2022-03-12 2022-03-20	9																		
<ul> <li>Implement Color Palette Module</li> </ul>	2022-03-12 2022-03-20	9																		
<ul> <li>Implement Overlay Module</li> </ul>	2022-03-12 2022-03-20	9																		
	2022-03-14 2022-03-18	5																		
Color Palette Changes	2022-03-19 2022-03-22	4																		
Text on top of Image	2022-03-19 2022-03-22	4																		
Layer Transparency	2022-03-19 2022-03-22	4																		
	2022-03-23 2022-03-23	1																		
Adding Border Options	2022-03-24 2022-03-27	4																		
	2022-03-24 2022-03-27	4																		
	2022-03-24 2022-03-27	4																		
	2022-03-28 2022-03-31	4														1				
	2022-04-04 2022-04-04	1																		
Peer Evaluation	2022-04-04 2022-04-04	1																		
	2022-04-01 2022-04-12	12																		

5

## Resources Chart

GANTT	$\approx$	2022																	
1-5		Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19
Name	Default role	2022-01-02	2022-01-09	2022-01-16	2022-01-23	2022-01-30	2022-02-06	2022-02-13	2022-02-20	2022-02-27	2022-03-06	2022-03-13	2022-03-20	2022-03-27	2022-04-03	2022-04-10	2022-04-17	2022-04-24	2022-05-01
Aamina Hussain	undefined			33%	33%	33%	33%	33%	50%		33%	253%287%	373%120% 220%	33% 3	3% 33%				
Jessica Dawson	undefined			33%	33%	33%	33%	33%	50%		33%	513%547%	673%160% 0%	33% 3	3% 33%				
Fady Morcos	undefined			33%	33%	33%	33%	33%			33%	33% 67%	53% 20% 80%	33% 3	3% 33%				