

Task Number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Find a client	Have a client	1 week	7 December	A
2	Initial interview	Know the problem better	30 mins	9 December	A
3	Make a prototype	Prototype to take to client	1 hour	12 December	A
4	Problem statement	Specify problem in narrative text	15 mins	12 December	A
5	Describe a Scenario	Know the context better	15 mins	12 December	A
6	Criteria for Success	List of features to be implemented	30 mins	12 December	A
7	Add GUI elements	Finished GUI (not yet interactive)	2 hours	14 December	C
8	Research palette constructing algorithms	Have an algorithm to create a palette	1 hour	17 December	B
9	Start UML Diagrams	Completed UML diagrams	1 hour	20 December	B
10	Start template classes	Finished template classes	1.5 hours	20 December	C
11	Research Color classes	Understanding of Java.awt.Color	2 hours	January 10	B
12	Code non color related input options	GUI input that is not related to swatches are interactive	30 mins	January 20	C
13	Code manual color input	Colors can be added to textField	4 hours	February 1	C
14	Research bufferedImage	Understand how fileChooser and displaying images in java works.	2 hours	February 20	B

15	Write myInit()	Tables and textAreas are primed	1 hour	February 21	C
16	Implement selection sort	SelectionSort implemented, to be used in arrayList	1 hour	February 24	C
17	Code arrayList that takes in input	Arraylist now works with input.	1.5 hours	March 1	C
18	Code Java Table to display arrayList	List elements can now be seen in table when 'refresh table' is pressed'	2 hours	March 2	C
19	Implement palette creation algorithm into program	Palette algorithm is implemented	4 hours	March 4	C
20	Code 'create from image' tab, including buffered image and adding to arrayList.	'Create from image' option is fully functional.	4 hours	March 17	C
21	Add option to remove and edit palettes	Palettes in table can be edited and removed	2 hours	March 17	C
22	Implement binary search	Palettes can be searched.	1 hour	March 18	C
23	Code 'display palette in RGB' option	Selected palettes can now display RGB components	1 hour	March 18	C
24	Error handling	Errors are handled, with popup menus to notify the user.	1 hour	March 19	C
25	Interview with client	Present final product to client.	45 mins	March 20	E