Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Meet with advisor: Computer Science teacher	Proposed idea is approved by advisor	15 min	6/12/2016	Appendix 1, A
2	Meet with my Spanish tutor, Mrs. Rodriguez and explain to her my proposal	Mrs. Rodriguez agrees to the computer based solution	20minutes	6/23/2016	Appendix 1, A
3	Discuss possible features that her scheduler will have	Have a list of criteria to test for the programs functionality	40 minutes	6/30/2016	Appendix 1, A
4	Flowchart is made to diagram the various processes of the program	A better idea how to program a solution for each of the processes	1 hour 30 min	7/15/2016	B
5	Use the flowchart to develop Java classes and write down methods, constructors and variables	All the Java Classes have a description of their purpose and functionality	2 hours	7/20/2017	B
6	Research the different and most appropriate APIs needed to create reminders and represent a Date	Know which API's to use and how to incorporate them in program	1 hour 20 min	7/30/2016	B,C
7	Develop a GUI display for classes that require a GUI	Successfully program the classes so they show the interface	1 hour	8/12/2016	C

	interface				
8	Read information from text files and display them in a list	Displays the information in a JTable and scroll pane	1 hour	8/20/2016	C
9	Implement a sorting algorithm	The information displayed in a JTable is in order(alphabetically for students and chronologically for appt)	1.5 hours	8/25/2016	C
10	Program a functioning Add Method for Student and Appointment	New Students and Appointments can be added	2.5 hours	9/04/2016	C
11	Program a functioning Search for Student an Appointment	Student and Appointments can be searched.	4 hours	9/14/2016	C
12	Program a function remove method for students and appointments	Students and Appointments are removed	1.5 hours	9/26/2016	C
13	Program a functioning edit method for students and appointments	Students and appointment information can be edited. Changes are visible in an update list	2.5 hours	10/16/2016	C
14	Program Reminders for each upcoming appointment for a day before the appt's date	An alarm sound is played and JFrame is displayed telling user that an appointment is scheduled for	2hours	10/30/2016	C

		tomorrow			
15	Dummy proof GUI so no crashes occur due to user entries	Debug program to catch and fix all errors	5.5 hours	11/17/2016	C
16	Update description of Java classes by adding any new classes, methods , variables and constructors	Java Class descriptions are updated	1 hour	11/19/2016	B
17	Create an executable jar file and send to tutor to test program	Tutor receives email with jar file of application and gives feedback on improvements	20 minutes	11/20/2016	C, Appendix
18	Fix any errors that tutor may have found or features she wanted to improve.	All improvements are made and software works accordingly	1 hour 15 min	11/29/2016	C, Appendix
19	Make a video to demonstrate the functionality of software.	A video demonstrating the functionalities of the software	45 min	12/09/2016	D, Appendix
20	Create a document for complex portions of program and demonstrate use of OOP concepts.	A document displays the complexity of the code and the fundamental OOP concepts that were used	4 hours	12/24/2016	C
21	Send tutor the final product.	Mrs. Rodriguez gives me feedback on how well the software is working for her	20 min	01/03/2017	C

22	Evaluate program	Document that determines the strengths, weaknesses and how the program could be extended.	2 hours	1/21/2017	E