

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Initial client consultation	Discuss issue with client, define features needed to solve problem	30 minutes	4/22/2021	A, Appendix
2	Consultation with adviser	Obtain adviser approval on product, modify product criterion as necessary	20 minutes	4/23/2021	A, Appendix
3	Update client with new specifications	Obtain client approval, modify product criterion if necessary	10 minutes	4/24/2021	A, Appendix
4	Plan the proposed program	Create process flowcharts for added features, create page flow diagrams	12 hours	6/2/2021	B
5	Testing plan	Create a plan to test program's features, including client specifications and success criteria	30 minutes	6/3/2021	A & B
6	Second client consultation	Discuss program plan with client, modify diagrams as necessary	20 minutes	6/4/2021	Appendix
7	Create database	Serves as the foundation for my code. The Database stores data for all students, users, and events, each	6 hours	6/7/2021	C

		with their own table.			
8	Create Database class	Establishes a connection to the database for all classes.	30 minutes	6/7/2021	C
8	Finalize the GUI for all classes	Create frame of all classes with popups, buttons, tables, and other necessary graphical components.	12 hours	6/10/2021	C
9	Create Account class.	Stores username, password, email, and Administrator status of users. Also accesses the database to input new Accounts, or to search the database for existing Accounts with the given username and email.	1 hour	6/11/2021	C
10	Finish the Log-In and Account Creation classes.	Allows users to log-in to the program, granting different access to windows based off Administrator status. Also allows users to create accounts if they are not already an existing user. Uses Account functionality to access the database.	4 hours	6/12/2021	C

11	Complete the Homepage class for both Administrators and Regular Users.	Allows users to see contact information and frequently asked questions loaded from the database. Also allows Administrators to edit the contact information and frequently asked questions, and for all users to see the changes.	4 hours	6/14/2021	C
12	Create the Student Class.	Stores the last name, first name, graduation year, and membership year of club members. Allows for access to the database for inputting new Students, searching for existing Students with certain criteria, updating data for existing Students, and deleting existing Students.	1 hour	6/15/2021	C
13	Complete the Roster class.	Allows Administrators to see all students in the club, with their data loaded from the database. Also allows Administrators access the Database to add new members to the database, edit	6 hours	6/17/2021	C

		existing members, in the database, and delete existing members using objects from the Student class. Also allows Administrators to filter members displayed by membership year.			
14	Complete the Event class.	Stores the data for the date, name, start time, end time, and location of a club event. Allows for access to the database for adding new events, updating existing events, and deleting existing events.	1 hour	6/18/2021	C
15	Complete Calendar class for both Administrators and regular users.	Allows all users to see the name and date of all events stored in database. Allows all users to select a date from the calendar GUI and to see the details of the Event on selected date, including name, date, start time, end time, location, and members attending by utilizing the Event class to access the database. Allows Administrators to add new events,	8 hours	6/22/2021	C

		edit existing events, delete existing events, add members to existing events, and remove members from existing events, using both the Student and Event classes to access the database.			
16	Test code for both systematic and logical errors	Check to see if all functionalities are accessible and perform correctly.	2 hours	6/23/2021	C
17	Third client consultation	Met with client, showing the functionalities of the code. Received feedback on the clarity of the implemented functions, as well as the usability of the GUI. Modified programs as necessary.	2 hours	6/25/2021	A, Appendix
18	Final check for errors	Check to see that all functionalities are accessible and work as intended with client's requested changes.	30 min	6/26/2021	C
19	Record video of product	Film video showing product functionality and implementation of success criteria	30 min	6/27/2021	D

20	Share final product with client and final consultation	Met with client, and they tested the finished product.	20 min	6/28/2021	E
21	Reflect on finished product and client feedback	Use client's feedback to plan further improvements to product	30 min	6/29/2021	E