

## Criteria B: Record of Tasks

Task Number	Planned Action	Planned outcome	Time estimated	Target completion date	Criterion
1	Find a client and identify problems that could be fixed as a part of my IA.	Having a client and having a broad understanding of my IA project	4 hours	03/09/23	A
2	Enquire further and obtain specific details about the client's problem	Having an outline of the client's problem and their expectations for a solution	1 hour	04/09/23	A
3	Conduct the first interview	Enquire more about the current platform being used, its limitations, and the requirements of the custom-built application.	30 minutes	05/09/23	A
4	Identify the success criteria based on the interview	Make success criteria that would allow this solution to work better for the specific needs of the client than other platforms	1 hour	06/09/23	A
5	Conduct the second interview	Discuss the success criteria, make changes according to their input, and discuss the best type of platform for the client	30 minutes	08/09/23	A
6	Explore and choose the right programming language	Choose a language and software that can allow for the most customization of the platform and can best facilitate the client's wishes.	3 hours	11/09/23	A

7	Finish Criteria A and submit it to the Computer Science teacher for feedback	Acquire a strong understanding of all the requirements of the solution, and its development.	4 hours	14/09/23	A
8	Create a Design overview of the product and the flow of the UI	Gain an idea of what needs to be programmed, how the platformed needs to be structured, and design the product	5 hours	28/09/23	B
9	Create UML diagrams	Make the sign-in process and the different objects that the platform will use easier to comprehend	1 hour	31/09/23	B
10	Create flowcharts that model the logic behind complex algorithms	Have a general understanding of the logic behind the most complex aspects of the platform	5 hours	10/09/23	B
11	Finish Criteria B with test cases and discuss with the client	I will be aware of how to assess whether the app has met the success criteria	5 hours	17/10/23	B
12	Setup MySQL database workbench	Install and set up the workbench by entering a username and a password	2 hours	20/10/23	B
13	Code the different signup and log-in pages	Connect to the database and establish insertion of new students and admins in different tables	6 hours	30/10/23	C
14	Create a basic GUI	Include buttons, event handlers, and a color scheme discussed with the client in the app	6 hours	15/11/23	C

15	Code additional aspects for GUI	Code if and while statements to open new windows and submit forms	8 hours	23/ 11/23	C
16	Code the add task window	Connect fields in the add task form to fields in the database and insert a task, with a specific user-id	5 hours	31/11/23	C
17	Code the task manager window	Display tasks specific to the user in the database and add an edit and delete button for each one of them	12 hours	15/12/23	C
18	Code the edit task window	Create a window with a form that is populated with the existing data from the database and allow the form to change the values of the task in the database when edited.	5 hours	22/12/23	C
19	Code the Calendar window	Install and implement the full calendar library to display the events entered by the user on a calendar	12 hours	15/01/24	C
20	Code the button to send an email	Use the node.emailer library to send an HTML email to each user by extracting information about the chosen task from the database.	8 hours	30/01/24	C
21	Code the notepad	Create a text area whose contents can be saved in the database and redisplayed on the app with options for styling of the content also made available	9 hours	15/01/24	C

22	Code the admin control window	Display the names of the admins and the students as two tables and provide each with a delete button	8 hours	30/01/24	C
23	Add the key functionality	Establish a connection to the database to insert the key provided by users in the database, or update it if it already exists	3 hours	7/02/24	C
24	Enable view Calendar functionality for admins	Create a method to trigger the Calendar window to be opened with the user ID input into the method	5 hours	15/02/24	C
25	Testing and debugging	Ensuring that the app created functions smoothly and satisfies all the criteria	5 hours	30/02/24	C
26	Create a video about the app's functionality	Make a video about the app detailing its functions in less than 7 mins	3 hours	1/04/24	D
27	Conduct the final interview with the client	Walkthrough the app with the client, referring to the success criteria, and ask for her feedback	1 hour	02/04/24	E
28	Finish Criteria E write-up	Write up the client's feedback, areas for improvement, and recommendations for future work on the project	3 hours	02/04/24	E