Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Choosing topic and client	To find a suitable client with an ambitious problem to solve	2 days	2 X 2024	A
2	Discuss the problem with Computer Science teacher	To know whether the problem of assigning classrooms is suitable for Computer Science Internal Assessment	3 days	4 X 2024	A
3	First interview with the client	To know a specific guidelines form a client about what the program is really intended to do, as the subject seems demanding	1 day	7 X 2024	A
4	Discuss how I plan to solve the problem with my Computer Science teacher	To determine whether my thinking process about the program is proper and to know what technologies should I apply in my project	3 days	11 X 2024	A

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
5	Second interview with the client	To discuss how should a program gather data and whether my idea about solution is proper	2 day	20 X 2024 (failed)	A
6	Learning the language	I should be able to seamlessly understand the Python language and be able to understand the solutions from the various forums on the internet	14 days	10 XI 2024	A
7	Preparation of Criterion A requirements	To specify the client, detailed scenario, link to consultations, rationale for the product and success criteria in written form for deadline	5 days	12 XI 2024	A
8	Third interview with the client	To see whether my proposed solution fits the client and know more specified information about how program should function	1 day	15 XI 2024	A

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
9	Preparation of Prototypes	To rethink consultations with the client and restructuring the idea, as I miss the idea too significantly to just ignore it	7 days	13 XI 2024	B
10	Learn user interface	To learn QT and create first steps of transitions	7 days	20 XI 2024	C
11	Fourth interview with the client	To show my rework idea on how I see the program	1 day	22 XI 2024	A
12	Fifth interview with the client	To adjust program to given requirements and show my already working primitive user interface	1 day	27 XI 2024	B
13	Preparation of Criterion B requirements	To specify the design, visual representation, schedule for developing the program, test plan and record of tasks in written form for a deadline	7 days	29 XI 2024	B

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
14	Upload file	To create the section C of the program which gathers the Excel file from the user	2 days	6 XII 2024	C
15	Main algorithm coding	To create a main sorting algorithm which gathers inputted schedule and assigns classrooms	7 days	13 XII 2024 (failed)	C
16	Add preferences section A	To create a distinction between edited teachers and edited classrooms subsections	1 day	15 XII 2024 (failed)	C
17	Creation proper layout	To create a fixed layout with transitions which will be used in the final product	5 days	20 XII 2024 (failed)	C

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
18	Coding edit teachers	To create a window in which the user will be able to add screen or classroom preference for the teacher, assign them to a class, edit their preferences and delete teacher	7 days	12 I 2025 (failed)	C
19	Coding edit classrooms	To create a window in which the user will be able to edit classroom screen availability, its size and name, but also assign sizes of TOK classes	7 days	19 I 2025	C
20	Prepared schedule section B	To create a prepared schedule class in which the user will be able to check situation in the building for a given hour and generate the schedule	1 day	3 II 2025	C
21	Draft documentation preparation	To create a written form of criterions A, B, C and D for the deadline	7 days	10 II 2025	

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22	Working schedule grid	To create transitions between the schedule and the situation in the building in which the user can check what classes are occupied, what teachers teach, number of empty, empty classrooms and the notifications about impossibility of assignment according to all of the requirements	7 days	17 II 2025	C
23	Generate schedule button	To create a button which will generate an array with prepared schedule and put them into an excel file	4 days	21 II 2025	C

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
24	Program testing	To distinguish whether the program always behave properly, by debugging the code, entering improper data, clicking buttons in random order, entering other schedule files and fixing encountered bugs	7 days	28 II 2025	C
25	Handover of the program to the client	To install the program on the client computer and once again go through all the program functions with her	1 day	3 III 2025	E
26	Client final feedback	To gather final feedback after meeting last requirements short	7 day	10 III 2025	E
27	Documentation finalization	To finalize Criterion C, D and E for the final deadline	7 days	17 III 2025	C, D, E