Criterion B Solution overview

task number	planned action	planned outcome	time estimate	target completion date	criterion
1	Discussion of Internal Assessment ideas with teacher	Have awareness about possible topics and how they should look for the Internal Assessment	2 hours	7.09.2020	A
2	Communicate with Mary for the possibility to be a client in the Internal Assessment	Confirm that Mary will be my client and agree on the first interview	1 hour	8.09.2020	A
3	Taking first interview with Mary	Having a clear and full understanding of the problem that should be tackled. Understand Mary's view on its solution.	1 hour	10.09.2020	A
4	Create a success criteria of the	Have a vision of the program and needs that it should satisfy,	2 hours	15.09.2020	A

	program and its aims	for a better choice of the solutions to problems			
5	Taking first interview with the Computer Science teacher	Having chosen Mary's problem as a topic for the Internal Assessment. Give clear understanding of the problem to the teacher, discuss ways to solve the problem, and examine Mary's solutions. Have a list of proposed methods that could solve the problem. Agree on the code language.	2 hours	16.09.2020	A
6	Take a second interview with Mary.	Discuss methods and ideas to meet aims , take into consideration specifics of the game.	2 hours	17.09.2020	A
7	Take a second interview with the Computer Science teacher.	Finalize all methods and ideas of the program, have a clear understanding of what and why it should be done. Have outline details and have a plan on what to work.		18.09.2020	A

8	Create a layout of the program based on agreed methods, discuss it with teacher and client.	Have a clear understanding of the program design.	4 hours	19.09.2020	B
9	Meet with Mary and about needed information for the program	Understand all data that should be collected and presented in order to use program, have sources where it can be found	3 hours	21.09.2020	A
10	Collect all needed data and sort it	Have all collected and sorted data that can be easily accessed and conveniently used in creation of the program	10 hours	26.09.2020	A
11	Meet with Mary and scrutinize correctness of data	Have checked and edited data that is clear in understanding for newcomers and professionals in the game. Have finalized version of data that will be used as a content for creating a program	5 hours	30.09.2020	A

12	Write criteria A	Document all interviews, and all necessary files and text for the criterion	15 hours	06.10.2020	A
13	Study code techniques and functions	Basing on criteria A have a guideline of techniques that should be known, and have full understanding how each function work and how each method can be written	20 hours	15.10.2020	C
14	Write the Solution overview	Before starting the writing the code, have 1 draft of the solution overview, edit it in the process and use it as a plan tool for creation of the program	15 hours	30.10.2020	B
15	Create design overview in criteria B	Have 1 draft of the design in the criteria B, to clarify written code.	25 hours	13.11.2020	B
16	Create main window and buttons	Have window with all (non working) buttons	3 hours	17.11.2020	C
17	Add data and versions to the program	Have a list of civilizations and put all data in the program and sort it by versions	4 hours	22.11.2020	C

18	Write main algorithms and functions	Have written all functions that will be used in program	25 hours	4.12.2020	C
19	Connect all functions with the programs data and window	Cohesive all written code in the first draft of the program	15 hours	11.12.2020	C
20	Create all functions for situations when output would not be given	Have a code which will consider all inputs that can be given and output and explain mistake when it will occur	5 hours	23.12.2020	C
21	Testing program	Have tested all possible inputs for the programme and its inputs, test if it is understandable how to solve problems individually for the users. In case of mistakes - edit and solve them.	10 hours	15.01.2021	C
22	Removing founded problems	Solve all founded errors in the program	15 hours	7.02.2021	C

23	Final program testing, make sure that everything is working	Final program test if everything is working, start documentation writing. If not, fix errors	5 hours	18.02.2021	C
24	Write criteria C	Have final version of the criteria C, which is shown to the teacher and approved	15 hours	30.02.2021	C
25	Create criteria D	Have final version of D criteria	10 hours	3.03.2021	D
26	Give access of my prorgam to the client	Client will test program gain personal opinion and have recommendations for future development	3 hours	4.03.2021	E
27	Meet with the client to receive feedback about my program	Have feedback from Mary, understanding what was mage well and what she didn't like	3 hours	8.03.2021	E
28	Submit criteria E	Have submitted criteria E	3 hours	12.03.2021	E
29	Final check of all work, submit it to the teacher	Finish IA and submit it to the teacher	4 hours	20.03.2021	E