RECORD OF TASKS

Task number	Planned action	Planned outcome	Time estimate	Target completion date	Criterion
1	Initial discussion with advisor	Idea approved	0.4h	05/11/2019	A
2	Initial interview with my client Lucy	Establish an idea of the issue and what are my client's major needs	0.2h	11/11/2019	A
3	Think what could be adopted to solve Lucy's issue	Figure out some primitive solution to Lucy's issue	0.5h	11/11/2019	A
4	Second consultation with my client Lucy	Obtain more detailed needs from her	0.2h	10/12/2019	A
5	Think what could be adopted to solve Lucy's issue more deeply	Figure out a solution to Lucy's issue	2h	15/12/2019	A, B
6	Sketch basic designs (GUI stuff) for my client to look at	Simple designs are made which can be easily understood and managed	0.2h	17/12/2019	B
7	Illustrate and discuss the basic designs with my client	Make her understand the designs and get her approval	0.2h	18/12/2019	B
8	Create more (user-friendly) complicated/ detailed designs for my client to accept	My client accepts this way of placing GUI components	1h	20/12/2019	B
9	Make flowcharts based on the logic of solution that I found	Appropriate flowcharts are created.	1h	21/12/2019	B
10	Show the flowcharts to my client and explain how the	My client approves those flowcharts and understands the	0.3h	22/12/2019	B

	program will work	process of using the program			
11	Create parent and child classes for my program	Proper parent and child classes with necessary variables and methods are created	0.5h	28/12/2019	C
12	Learning and using Java Swing and awt components to build windows	Windows which follow my design are created	12h	15/01/2020	C
13	Algorithm development for tasks	Proper algorithms related to tasks were created	3h	20/01/2020	B
14	Algorithm development for Forgetting Curves (FCs) - stage 1	Think possible ways of realising algorithms related to FCs	5h	22/01/2020	B
15	Algorithm development for FCs – stage 2	Select most efficient ways and make them to be methods	1h	01/02/2020	C
16	Algorithm development for FCs – stage 3	Test them and they work	0.5h	05/02/2020	B, C
17	Algorithm development – make flowcharts	Appropriate flowcharts are created.	3.5h	11/02/2020	B
18	Explain algorithms developed to my client	My client agrees that the logic is fine and that these algorithms work appropriately	0.5h	12/02/2020	B, C
19	Learn and build FC graphing window	FC can be visualised on the window	6h	07/03/2020	C
20	Integrate all algorithms, windows, and object classes	All algorithms, windows, and object classes are properly integrated	3h	14/03/2020	C

21	Give the program full run through using success criteria and check for errors	Check that everything is working as intended with the test plan Reality: notification windows for memorisation tasks were not displaying at expected time, and FC graphs were not correctly shown	0.5h	17/03/2020	B, C, E
22	Debugging then give the program full run through using success criteria and check for errors	Check that everything is working as intended with the test plan Reality: notification windows for memorisation tasks were not displaying at expected time, and FC graphs were not correctly shown	5h	30/03/2020	B, C, E
23	Debugging then give the program full run through using success criteria and check for errors	Check that everything is working as intended with the test plan Reality: notification windows for memorisation tasks were not displaying at expected time, and FC graphs were not correctly shown	3h	07/04/2020	B, C, E
24	Debugging then give the program full run through using success criteria and check for errors	Reality: notification windows for memorisation tasks were not displaying at expected time, and FC graphs were not correctly shown	2h	10/04/2020	B, C, E
25	Debugging then give the program full run through using success	Everything is working as intended with the	2h	16/04/2020	B, C, E

	criteria and check for errors	test plan			
26	Discussion with my client	Present program to her, manage to fully use the program to its full extent without any prior knowledge. Learn my client's thought on the product	0.5h	17/04/2020	E
27	Video of product made	Finish creating video Reality: function of automatically reminding user to revise cannot be demonstrated in a short time	1h	17/04/2020	D
28	Develop a new timer method to solve problem	This new timer method will react when changing system clock	8h	19/04/2020	C, E
29	Adopt this new timer method. Give the program full run through using success criteria and check for errors	Everything is working as intended with the test plan	1h	19/04/2020	B, C, E
30	Video of product made	Finish creating video	1h	19/04/2020	D
31	Final product given to my client	My client uses the program in her academy	-	19/04/2020	E
32	Product analysed for future development/ expansion	Improvement ways learned and found	-	19/04/2020	E