

Digital Library management

Criteria B – Record of Task

Task number	Planned Action	Planned outcome	Time estimated (Days)	Target completion date	Criterion
1	Initial discussion with my computer science teacher	My project is to develop a digital library management system	5	15 th April 2021	A
2	First interview with my client	Got insights on how the solution should work	1	20 th April 2021	A
3	The second interview with my client	Got to know the problems faced and what is expected from me	1	30 th April 2021	A
4	Writing the problem	Mentioning what the problem is and setting the background context	2	10 th May 2021	A
5	Writing the rationale for the solution	Stating why the solution is being built using a specific way	3	20 th May 2021	A
6	Writing the Success criteria	Set the focus and plan for the product	3	29 th May 2021	A
7	Plans showed and discussed with the CS Teacher	Received feedback for any further modification and changes	4	5 th June 2021	A

8	Designed a prototype of the solution and shown to the CS teacher	Got an idea as to how the solution will look and received feedback on possible changes	3	25 th June 2021	B
9	Designing the modular designs of the product and layout of each page	Got an idea of how the solution will overall connect with a modular design of how each form/page will look like in the product	6	15 th July 2021	B
10	Designing the system flowchart	Depict how the data flows into the product and how the control event decisions are made	5	17 th July 2021	B
11	Designing the Entity relation diagram	Depict the interrelated relations between different tables and how they are interrelated with a different type of relation	7	20 th July 2021	B
12	Designing Database tables	Get an idea as to what all fields are there in each table and what are the properties of each field and	6	22nd July 2021	B

13	Writing the algorithms used	Writing the pseudocode to depict the code of the algorithms used	5	25 th July 2021	B
14	Designing the UML	Depicting the UML with class, objects, variables and relation between the classes	3	27 th July 2021	B
15	Test Plan	Mentioning the parts of the program which are tested	3	30 th July 2021	B
16	Record of tasks	Planning the dates of completion of each task in each criterion with the expected time taken to complete the task	2	2 nd August 2021	B
17	Researching techniques	Becoming aware of different Java techniques and external libraries which can be used with the product	2	5 th August 2021	C
18	Developing the GUI of the product	Designing how the GUI panels will look like for each component of the program	4	10 th August 2021	C

19	Wrote the code for GUI functioning	Coding the functionality of the GUI	11	23 rd August 2021	C
20	Wrote the code for connection to the database with queries to make the database function along with the GUI code	Building a connection with the database and writing queries and codes related to the database	5	29 th August 2021	C
21	Received feedback on the development of the solution	Got feedback on what all improvisations can be done	2	2 nd September 2021	C
22	Documenting the techniques used	Got an insight into all the techniques and complexity of the product	6	10 th September 2021	C
23	Writing the script for the video	Getting an idea of how the video will	6	20 th September 2021	D
24	Video recording the functionality of the product	Recording the functionality of the product	10	10 th October 2021	D
25	The proposed solution was shown to the client while being implemented for a feedback Interview	Got an insight on the comparison from the older system	2	20 th October 2021	E
26	Evaluation Interview of the client	Get the clients viewpoint if the success criteria have been met or not and the future improvement suggestions	2	1 st November 2021	E

27	Evaluating the product for the success criteria	Got to know if I was able to meet my initial success criteria or not and the expectation	3	10 th November 2021	E
28	Proposing the future improvements in the product	Mentioning the features which can be improvised	2	14 th November 2021	E