

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimate	Target completion date	Criterion
1	Identify Client	Client found	3 days	29.7.2020	A
2	Meeting with client	Identify the basis of the problem at hand	30-60 mins	2.8.2020	A
3	Meeting with warehouse manager	Further understand the requirements and acquire data regarding book information and administrators	40-50mins	6.8.2020	A
4	Identify Success Criteria	List Success Criteria	60-120 mins	20.8.2020	A
5	Rough Sketches of UI	Rough graphical representations	120-280 mins	30.8.2020	B
6	Database Design	List all attributes for each entity and then select the relevant ones	60 mins	15.9.2020	B
7	MySQL Table designs	Create all fields and acquire the required data and fill the data into book_details table	60-180 mins	19.9.2020	B
8	Telephone call with client	Deeper understanding of process lead to adding new criteria	10-20 mins	2.9.2020	A
9	Refine interface design	Create a usable design on digital software	60-180 mins	7.9.2020	B
10	Algorithm using flowcharts	Create rough algorithm for satisfying success criteria	180 mins	10.9.2020	B
11	Refine interface design, Database design, and MySQL Tables	Create 2nd/3rd draft of the relevant	60-120 mins	4.10.2020	B
12	Begin designing UML diagrams	Create UML for login and main menu pages	30-60 mins	4.10.2020	B
13	Flowchart for login page	Create algorithm to validate username and password entry	15-30 mins	12.10.2020	B

14	Flowchart for BookInfo page	Create flowchart to allow user to retrieve the stock from the book_identification table	15-30 mins	14.10.2020	B
15	Flowchart for setting ISBN, Stock, and Date	Create flowchart for searching and capturing the current date and also the ISBN and/or Stock for any book	15-30 mins	18.10.2020	B
16	Flowcharts for adding Inventory_In transactions	Create flowchart for recording transaction details into the warehouse	30-60 mins	29.10.2020	B
17	Flowcharts for adding Inventory_Out transactions	Create flowchart for adding data regarding transaction out of the warehouse into the database	30-60 mins	30.10.2020	B
18	Flowchart for viewing transactions	Create a search function with ISBN and date as parameters to capture all transactions	15-20mins	4.11.2020	B
19	UML table with updated design	Add UML tables for transactions and reports	60 mins	5.11.2020	B
20	Test Plan	Conditions for data to be accepted / rejected found	15-30 mins	7.11.2020	B
21	Test Plan revision	Provide normal, abnormal, extreme, and boundary data for each case	20-25 mins	8.11.2020	B
22	Create schema in MySQL	Schema in MySQL is complete	10-20 mins	9.11.2020	C
23	Create layout for login page	Layout for login page with validation screens made as per interface design	30-40 mins	9.11.2020	C
24	Create layout for menu page	Layout for menu with validation screens made as per interface design	20-30 mins	11.11.2020	C

25	Create layout for administrator information screen	Layout for administrator information page with validation screens made as per interface design	20-30 mins	13.11.2020	C
26	Create layout for Update database screen	Layout for update database page with validation screens made as per interface design	10-20 mins	12.11.2020	C
27	Create layout for Inventory In screen	Layout for Inventory in page with validation screens made as per interface design	30-40 mins	15.11.2020	C
28	Create layout for Inventory Out screen	Layout for Inventory out page with validation screens made as per interface design	30-40 mins	15.11.2020	C
29	Create layout for View transactions screen	Layout for View Transactions page with validation screens made as per interface design	30-40 mins	17.11.2020	C
30	Create layout for Create reports screen	Layout for create reports page with validation screens made as per interface design	60-80 mins	18.11.2020	C
31	Create layout for report documents - success criteria 9	Layout for all reports with validation screens made as per interface design	240-300 mins	20.11.2020	C
32	Show NetBeans layout to Ms.XX	Ms.XX gives feedback and changes are made as suggested	30-60 mins	22.11.2020	C
33	Coding in MySQL community server for login page	Create queries to select the password and username from administrator information table	10-20 mins	23.11.2020	C
34	Coding for login page-success criteria 1	Code the working JFrame for login using MySQL tables and queries	90-120 mins	23.11.2020	C

35	Coding for menu page	Insert buttons to lead to different pages of the software	120 mins	25.11.2020	C
36	Coding in MySQL community server for administrator information page	Create queries to all the administrators from the administrator information table	60 mins	27.11.2020	C
37	Coding for Admin view page - success criteria 2	Capture the admin data and display in a Ttable	60 mins	29.11.2020	C
38	Coding in MySQL community server for Book information page	Create queries to select all the data from the book information table	90 mins	29.11.2020	C
39	Coding for Book information page- success criteria 3	Insert table to display the data from book_details table	180 mins	02.12.2020	C
40	Coding in MySQL community server for Inventory in and Inventory out pages	Create queries to insert transaction data entered by the admin into the warehouse details table	240 mins	07.12.2020	C
41	Coding for inventory in and inventory out pages- success criteria 4	Create Jframes to enable admins to enter transactions in and out of warehouse	120-180 mins	08.12.2020	C
42	Coding in MySQL community server for View Transactions page	Create queries to select all the data from the warehouse details table	90-120 mins	10.12.2020	C
43	Coding for view transaction - success criteria 5	Code to capture all the data from the warehouse details into a Jtable	120-150 mins	13.12.2020	C
44	Coding in MySQL community server for report pages - success criteria 6 and 7	Create queries to calculate and return% damaged, revenue, expenses, profit, total inventory in, total inventory out, stock flow, and total number damaged for each day	1-2 days	17.12.2020	C
45	Coding for all the report pages	Capture the calculated data and display in a Jtable	180-240 mins	18.12.2020	C

46	Coding in MySQL community server for Create reports page	Create queries to validate whether date range and book choice are valid	120-130 mins	19.12.2020	C
47	Code page which allows administrators to enter parameters for the report- success criteria 8	Create Jframe for choosing type of report and date range of report	60-90 mins	22.12.2020	C
48	Code print function for different report types- success criteria 10	Create Jframe for each type of report	90-120 mins	12.01.2021	C
49	Create video to show functionality of program	Create a video under 7 minutes showing the functionality of the software	2-3 hours	08.02.2021	D
50	Testing the final software	Debug the software and make small refinements to improve user experience and ensure that the software works properly	1 hour	12.02.2021	E
51	Identify Further improvement/ Developments	Evaluate the software and identify certain improvements	30 mins	16.02.2021	E
52	Online meeting with client in order for the client to test the software remotely	Get feedback from client to for the software once they test the software	30-45 mins	20.02.2021	E