Criterion B – Record of tasks

Task number	Planned action	Planned outcome	Time estimated (mins)	Target completion date	Criterion
1	Meeting client for the initial idea	Discuss details with the client to get a clear idea of the problem	35	17 Sept 2020	A
2	Initial confirmation from the client	Creating success criteria	30	19 Sept 2020	A
3	Research for any existing systems	Identifying the user's specific needs	60	19 Sept 2020	A
4	Visual elements of the product	Creating and getting approval for UI mock-ups	120	28 Sept 2020	B
5	Test plan for meeting success criteria	Create a test plan to ensure success criteria are met	180	29 Sept 2020	B
6	Making flowcharts and diagrams for the algorithms	Finishing flowcharts	180	2 Oct 2020	B
7	Basic structure chart for different pages	Basic structure chart is completed	15	2 Oct 2020	B
8	Prototype design of database	A prototype of the database structure is completed	75	5 Oct 2020	B
9	Create a database overview	Tables are created, and entity relationship diagrams are created.	120	5 Oct 2020	B
10	Set up development software pre-requisites	Download and setup Eclipse IDE, Tomcat Server and MySQL server	60	7 Oct 2020	C

11	Create design for Login and Signup page	Mock-ups presented to client matches coded UI	60	10 Oct 2020	C
12	Add data into the database	Randomly generated data similar to the client's in entered	30	10 Oct 2020	C
13	Make the basic servlet with handling of commands	Servlet is created with a method to handle commands sent from the JSPs	120	13 Oct 2020	C
14	Create the basic JSPs	Login page, Teacher Schedule and Student Schedule are made with basic UI elements	120	15 Oct 2020	C
15	Create Database utility	Database utility is created with methods to get connections to the database and to receive, add, delete and edit information	180	17 Oct 2020	C
16	Create dynamic functionality of JSPs	Schedule views use the servlet and Database Utility to display information	100	18 Oct 2020	C
17	Create methods to display teacher details in form pages	Both form pages show only the logged-in teacher's details	210	23 Oct 2020	C
18	Start implementation of cookies	Cookies are being stored in user's browser after testing	120	25 Oct 2020	C
19	Create code in the login page to identify cookies	Login page successfully identifies cookies and redirects the user accordingly	120	26 Oct 2020	C
20	Create methods to add edit and delete lessons	Database Utility access database to perform the necessary functions	120	31 Oct 2020	C

21	Protection of schedule views	Schedule views are not accessible through direct URL entry without a login	75	2 Nov 2020	C
22	Show the client the first draft	Client is shown basic working of all functions of the application	30	5 Nov 2020	C
23	Create the full-fledged UI using CSS	All design elements including button styles, colours, fonts and fields are designed and created using CSS	180	8 Nov 2020	C
24	Perform a test run	A test run is done using the test plan to check for any errors or faults	20	9 Nov 2020	C
25	Errors and bugs are fixed	Any errors or bugs that were identified after the test run are addressed and fixed	120	14 Nov 2020	C
26	Present the final draft of the app to the client	The final draft is presented to the client to receive any feedback to be addressed	45	20 Nov 2020	C
27	Finalising the application	The web project is exported as a .WAR file to be run on the Tomcat server and all checks are performed	75	23 Nov 2020	C
28	Present and set up the final version of the application for the client	The final application is presented to the client and is set up for use.	120	25 Nov 2020	C
29	Creating the showcase for the product	The video showcasing the product against the success criteria and test plan is made	60	14 Dec 2020	D

30	Improvements are discussed with the client	Future improvements are discussed with the client	40	19 Jan 2020	E
31	Feedback and comments from the client regarding success criteria	Feedback is discussed with the client regarding the success criteria (done late due to the pandemic and client was unable to use the application)	30	3 Feb 2020	E
32	Evaluating the product	A complete evaluation of the product is done using personal evaluation and client feedback	100	4 Feb 2020	E