Criterion B: Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
1	Brainstorm Potential Clients, Set Advistor	Ask my mom to be my advisor, think about who to contact for a client	0.25	1/24	A
2	Meeting One with Client	Talk with client about problem and potential solution (See Appendix B for transcript)	0.5	1/26	A
3	Meeting One with Advisor	Talk with advisor about potential solution to client problem (See Appendix B for transcript)	0.5	1/26	A
4	Meeting Two with Client	Talk with client about potential methods of solution arrived about with advisor (See Appendix B for transcript)	0.5	1/27	A
5	Interaction Three with Client	Text with client and come to consensus on success criteria	0.25	1/28	A
6	Complete Section A writeup	Finish sections of Criterion A – determine project scope and criteria	0.5	2/1	A
7	Create initial diagram of user flow	Rough flowchart of user flow throughout website (See Appendix D)	1	2/2	B
8	Start planning out project	Have a good idea of different classes and procedures needed to execute project	1	2/4	B
9	Create preliminary login page	Use Costa's site (See Appendix A) to create a basic, functional login page for hard-coded credentials and do a bit of graphics	1	2/8	C
10	Learn about Fetch API	Do online searches and get accustomed to sheetdb.io and FETCH API	1	2/9	C

11	Keep Learning about Fetch API	Create sample spreadsheet and use FETCH API to read data, display through alert	1	2/11	C
12	Using FETCH API	Try to display only specific sections of the data, get more accustomed to API	0.75	2/13	C
13	Create basic UML diagram	Write out classes and objects I think I will use (VERY ROUGH)	0.5	2/15	B
14	Edit data on Google Sheets with FETCH API	Tried to edit data on Google Sheets, but could not get it	1	2/16	C
15	Second Meeting with Advisor	Told her my problem, she recommended Google Sheets API to edit values	0.5	2/17	C
16	Watch Tutorial on Google Sheets API	Watched Tutorial and followed along, successfully editing spreadsheet	1	2/18	C
17	Figure out Google Sheets functions	Finish implementation of all Google Sheets functions to have data ready	1	2/20	C
18	Start applying tutorial to my data	Create objects getting data from columns in my two sheets	1	2/22	C
19	Finish applying tutorial to my data	LiveschoolPoints.js complete	1	2/23	C
20	Apply Google Sheets API for displaying data in HTML	Try to call the JavaScript functions with the require function of the API: did not work!	1	2/25	C
21	Look for new way to display data in HTML still using Google Sheets API	Looked into browserify and consulted with advisor, but could not get it to work	1	2/26	C
22	Start creating login page	Used FETCH API to read data and	1	2/27	C

	authentication for customers	authenticate users (checked using alert)			
23	Numerical Error message creation	Used arrays to create seven digit error message	1	2/27	C
24	Other Error messages creation (customer)	Created other error messages for customer authentication	1	2/27	C
24	Create new Customer Page	Use HTML and CSS to create first customer page (See Appendix C)	1	2/29	C
25	Learning about Styling for Customer Page	Learn more about CSS to style customer page	0.5	3/1	C
26	Try to display data garnered during Login on Customer Page	Tried using multiple methods, could not figure out how to transfer data between various JavaScript and HTML files	1	3/2	C
27	Meet with Advisor to Figure out data transfer	Working with my advisor, we were able to come to the conclusion that localStorage would serve my needs	1	3/3	C
28	Finish a version of customer page	Finish the second version of the customer page (See Appendix C)	1	3/4	C
29	Meeting with Client	We decided that I should implement an admin page, logout functionalities, and an ID section for the login page	1	3/6	A, E
30	New versions of Login, Customer, and Admin Page User Flow Charts	I drafted up new user flow charts based on my conversation with my client (See Appendix C)	1	3/7	B
31	Create version of UML diagram	I drafted up a new UML diagram based on my conversation with my client(See Appendix D)	1	3/7	B
32	Research architecture diagrams	I wanted to garner as much information as I could so I could	0.5	3/7	B

		accurately create an architecture diagram for my program			
33	Create version of architecture diagram	I created the first version of my architecture diagram (See Appendix D).	1	3/7	B
34	Create data structures and algorithms tables	I created my data structures and algorithm tables.	1	3/7	B
35	Start writeup for Criterion C techniques	Finish writeups for Google Sheets techniques and updating Liveschool points	1	3/8	C
36	Continue writeup for Criterion C techniques	Start writeups for login authentication and displaying customer data	1	3/9	C
37	Meet with Mr. Pierson	Get clarifications on UML diagrams, architecture diagrams, and the complexity of my code	0.5	3/10	C
38	Organize LiveschoolPoints .js with Objects	Start organization of code to make UML diagrams and general code clearer and easier to use	0.5	3/10	C
39	Organize Login and Customer Pages	Continue aforementioned organization of code	1	3/10	C
40	Create admin page in HTML and CSS	Use HTML and CSS to display an admin page, add login authentication to redirect to admin page	1	3/10	C
41	Add functionality using JavaScript and FETCH API	Make admin page functional, allow user to search IDs to find students	1	3/10	C
42	Read and understand UML	Use link Mr. Pierson mentioned and fully understand the basis of an HTML UML Diagram	1	3/10	C
43	Make version of UML Diagrams	Make version of the Liveschool Points update	1	3/10	C

		and the Data Display portion of the UML			
44	Add logout functionality	Create logout buttons that redirect to login page on both customer and admin pages	1	3/10	C
45	Finish writeup for login authentication technique	Describe and explain login authentication in Crit C	1	3/11	C
46	Finish writeup for Data Display	Describe and explain the data display in the customer and admin pages	1	3/11	C
47	Finish UML explanation in writeup	Use tables to explain UML Diagram	0.5	3/12	B
48	Final Version of User Flow	Create final version of user flow charts (See Appendix C)	1	3/12	B
49	Final Version of Architecture Diagram	Create final version of architecture diagram	1	3/12	B
50	Figure out data types of all the variables I used in JavaScript	Online searches and sifting through documentation to find the data types for all variables I used in JavaScript	1	3/12	B
51	Finishing final version of UML Diagram for LiveSchool points update	Create final version of the updating points UML (See Appendix D)	0.75	3/12	B
52	Finishing final version of UML diagram for Data Display	Creating final version of the Data Display UML (See Appendix D)	1	3/12	B
53	Clean up Section A	Update anything that needs to be updated in Section A.	0.5	3/13	B
54	Type up test plan	Use all previous annotations and tests to create a comprehensive test plan	1	3/13	B

55	Clean up Section B	Any last minute changes for Section B	1	3/13	B
56	Clean up Section C	Any last minute changes for Section C	1	3/13	B
57	Final Meeting with Client	Client evaluates project: he liked it! (See Appendix B)	1	3/13	E
57	Write up Section E	Write up my full evaluation	1	3/13	E
58	Record Video	Record Video, check with criteria needed, use Test Plan	1	3/14	E
59	Clean up Appendix and ROT	Any last minute updates to Appendix and ROT	0.5	3/14	E
60	Compress files and upload!	Finish IA project	0.5	3/15	E

Total Hours: 52.25