

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Brainstorm project ideas	Have a list of different ideas for possible usage.	1 day	9/4/18	A
2	Select one idea	Narrow down the list of ideas to the one with the balance of being both attainable and interesting.	1 hour	9/6/18	A
3	Search for client	Ask multiple teachers around the school until one agrees to be a client.	3 days	9/12/18	A
4	Interview Client	Ask client about the product idea and problem it solves.	1 hour	9/16/18	A
5	Research possible implementations of the product.	Gain an understanding of possible approaches to creating the product and the choice of the best approach.	1 week	9/24/18	A
6	Write up Section A.	Write a detailed explanation of the scenario and rationale as to why the product will solve the problem presented and why the approach that will be used was chosen.	3 days	9/28/18	A

7	Search for Advisers and contact	Find an Adviser for the project and contact them.	1 week.	10/6/18	A
8	Work on Algorithm for the Project.	Create flowcharts documenting the planned algorithm that will be used to insure the product functions.	3 hours.	10/8/18	B
9	Write up Design Process	Write the design plan and research more about the functionality of Chrome Extensions. Also create table for testing criteria.	1 week	10/29/18	B
10	Contact Adviser for feedback on design.	Adviser reviews my design plan and discusses whether or not the project is attainable and if there are any security implications.	3 days	11/4/18	B
11	Double Check Criteria B	Make sure all requirements are met before continuing to Criteria C.	1 day	11/5/18	B
12	Begin Development on Criteria C	Have basic prototyping finished. Manifest.json file is written with parameters set.	1 day	11/7/18	C
13	Create Saving System using chrome.sync.storage	Have a system for saving and retrieving data from the chrome browser.	3 days	11/14/18	C
14	Create function	Have a function	1 week	11/21/18	C

	to scrape data from Amazon Websites.	which returns the price of a given Amazon URL.			
15	Create price comparison function.	Have a function which detects decreases in saved price values.	5 days.	11/26/18	C
16	Create basic UI with HTML and CSS.	Have an interface with buttons which matches the design of Criteria B.	1 day.	11/27/18	C
17	Add long lived connection system	Add the logic so that the buttons on the interface trigger the functions in the background script.	3 days.	11/30/18	C
18	Create Products page with script.	Have a HTML page where the user can view their currently saved products and remove the listings they don't like.	2 weeks	12/14/18	C
19	Add notification system.	Use alert() to notify the user of errors or new deals.	1 day	12/17/18	C
20	Begin write up for Criteria C	Write about the current functionality of the extension with screenshots.	1 week	12/24/18	C
21	Create Logo	Make logo for the extension and add it to manifest.json.	1 day	12/27/18	C
22	Update User Interface	Enhance the user interface using HTML and CSS.	2 days.	12/29/18	C
23	Finish write up for Criteria C	Finish writing about techniques used for	1 day	12/31/18	C

		Criteria C			
	Finish			1/11/18	D
	Finish			1/24/18	E