Date:	Title & Purpose:	Time & Duration
Nov 3, 2020	Milestone 0 and 1	12:30 p.m 3 hours, 43 minutes
	Members were introduced to each	
	other, took group picture, and	
	discussed favorite video games.	
	Proceeded throw ideas back and	
	forth for functions, constraints,	
	objectives, and how the project is	
	going to shape up.	
Nov 4, 2020	Computations 4	11:30 a.m 2 hours, 15 minutes
	Talked to Kevin Gilmore (TA) about	
	program for breaking down lists of	
	products and assessing which ones	
	meet the specified standards.	
No. 5 2020		
Nov 5, 2020	Graphics 4	2:30 p.m 1 hour, 19 minutes
	Learned how to complete	
	engineering drawings within	
	inventor off a base template	
Nov 8 th , 2020	McMaster provided.	11,20 pm 1 hour
1000 3 , 2020	*Design sub-team	11:30 pm - 1 hour
	Luke and Julian met up to talk	
	about refined sketch ideas and	
	plans to execute prior to milestone	
Nu dath agaa	2.	
Nov 10 th , 2020	TA progress meeting:	1:00 p.m. 10 minutes
	-discussed progress on workflow	
	for computer sub-team and	
	refined sketches for Design sub-	
	team filled in a can de	
	-filled in agenda	4.05 m m 2 h a m 40 m i m h a
	Milestone 2: Design sub-team	1:05 p.m. 2 hours, 40 minutes
	meeting : formed prototypes in	
	communication with each other.	
	Milestone 2: Computations sub-	1:05p.m. 2 hours, 40 minutes
	team: compared flow-charts and	
	made pseudocode.	

November 11 th , 2020 November 12 th , 2020	Lab B Q-labs started Worked for a prolonged period in Q-labs. Learned to have the robot act autonomously eventually after trial and error Graphics Lab 5 - Assembling glasses - Discussed methods of	12:15 p.m. 3 hours 2:30 p.m. 2 hours, 10 minutes
	constraining parts such as insertion or mating.	
November 17 th , 2020	Milestone 3: Design Sub-team: Critiqued each other's prototype models through matrix and discussed improvements for the future.	1:00 p.m. 2 hours, 28 minutes
	Milestone3: Computations Sub- Team Compared pseudocode and discussed issues found in attempting to abstract the coding process according to information given.	1:00 p.m. 2 hours
	Week 9 Project TA Meeting started Met with our TA Michelle Pham and discussed our progress from previous milestone.	1:10 p.m. 20 minutes
Nov 18 th , 2020	Materials Lab – Flexor Sensors Discussed material quiz and methodically went over answers.	2:00 p.m. 1 hour
Nov 19 th , 2020	Computations 5 Went over I/O methods in python along with methods to extrapolate info from files. Ended up creating our own .txt files.	3:00 p.m. 3 hours

Nov 24 th , 2020	TA Progress Meeting -discussed adjustments made to pseudocode as per Dami's instructions -talked about improvements made to models as was discussed the week before -planned to have code finalized along with choosing the good copy model design.	1:15 p.m. 10 minutes
	*Design Sub-team prep for M4: -discussed pros and cons of each design -tested print times in 3D software and found barrel design to be much more accommodating of time constraint (1 hour without support) -Ryan Isaac discussed with us about design press fitting for barrel design, gave some tips about what to research and place fourth as a consideration for our final deliverable	1:00 p.m. 2 hours, 40 minutes
	*Computations Sub-team prep for M4: -experimented around with positions in q-labs and adjusted the code to grab the container -had to be within precision of 0.1 degrees to ensure gripper fingers did not phase through floor -left some position adjustments within the code to be finished for upcoming week	1:00 p.m. 2 hours, 30 minutes

Nov 25 th ,2020	Hip Implant Materials Lab -Used Granta to conduct material selection which would be ideal for a hip implant (reference week 10 lab B) Conclusion: Tensile strength,	1:00 p.m. 50 minutes
	Shear modulus, CO2 footprint, Fatigue strength, Mechanical loss coefficient Final choices: Titanium, Stainless steel, Cobalt-chromium alloys	
	*Determining Project Interview Discussed when it would be optimal to book interview.	9:35 p.m. 20 minutes
Nov 28 th , 2020	Final Design Consultation Design sub-team completed some final edits for the g-code file of their container after designing a better system for securing the tool. All constraints were thought to be met but further discussion will be done with the TA before submitting G-code	3:00 p.m. 2 hours
Nov 30 th , 2020	*G-code consultation for interview submission w/ IAI (Dami Oriole) Discussed final concerns of container involving its fillets and possible combination into a one file instead of a press-fit which may have not coincided with constraints. It was found the fillets (2.5 mm) were unsafe to do with the size of our parts and it was necessary to either create a gap	12:30 p.m. 3 hours

	between the storage barrel and outer rectangular prisms for a press fit (assembly) or to lengthen the rectangular prisms all around to ensure 4mm constraint was met with edge of storage barrel (single part). The fillets were discarded, and it was elected to go with the press-fit for submission. It was also found the object needed to be cross sectioned to be printed with minimal support. *Team Meeting for deliberations of submissions Team was pulled together to discuss what needed to be handed in before the design studio that was a day ahead. Roles were also assigned for research of biomedical devices.	4:30 p.m. 1 hour
Dec 1 st , 2020	Design Review w/ TA No issues listed with either sub- team except for inconsistency with box placement within the simulation via the computations sub-team. Tweaking will be attempted.	12:45 p.m. 30 minutes
	*Post TA interview discussion/M4 Discussed interview, what was necessary to hand-in, plans for FD,	1:15 p.m. 2 hours
	and what each team member should look at finishing.	

Dec 2 nd , 2020	Research breakout room 1Attempted an executive summaryand power point corresponding iton the topic of galliumGa LED recycling PowerPointFinished the latter part of theprevious assignment withdecorative designs and duedeliberation.	1:00 p.m. 2 hours 5:30 p.m. 1 hour, 30 minutes
	*Design sub-team Finished constraining tool and set up assembly file via pack-n-go for submission to M4 and sterilization container drop-box.	7:00 p.m. 2 hours
	*Computing sub-team Finalized code for computer program drop-box by adding in comments and testing consistency of runs. Ultimately, handed it in and reconvened with Design team to discuss preparation for the interview on the following day.	8:00 p.m. 2 hours
Dec 3 rd , 2020	*Design sub-team interview prep Went through possible questions about designing the model or different parts.	2:00 p.m. 30 minutes
	*Computations sub-team interview prep Went back over code and recorded runs for evidence when discussing consistency of Q-lab runs.	2:00 p.m. 30 minutes

	*Post interview	3:00 p.m. 30 minutes
	Discussed how the interview went	
	for each sub-team, congratulated	
	each other on results, and planned	
	to meet for final deliverable.	
Dec 6 th , 2020	*Final Deliverable Meeting	8:00 p.m. 4 hours
	Discussed breakdown of	
	responsibilities for final	
	deliverable template, what to do	
	complete before the 9 th , and onion	
	soup.	