		October 2022 November 2022				022		December 2022 January 2023							Febuary 2023					March 2023				April 2023					
Reference		Est. time				20.4				26.2	Dead	Finals					20.2	4 10			25.2	4 10			25 21	17			22.20
Number 1	Task Name Design	commitment	8-14	15-21	22-28	29-4	5-11	12-18	19-25	20-2	week	Week	31-6	7-13	14-20	21-27	28-3	4-10	11-1/	18-24	25-3	4-10	11-1/	18-24	25-31	1-/	8-14	15-21	22-28
1.1	Determine the project's architecture style	1 week																											
	Evaluate previous projects																												
1.2	and determine reusable components	3 weeks																											
1.3	Determine Testing plan	2 weeks																											
1.4	Finalize design documents Backend	2 weeks																											
2.1	Determine the backend language	1 week																											
	Determine the backend																												
2.2	framework Previous Groups - Backends	1 week																											
2.3	Eval Choose Backend codebase	1 week																											
2.4	to Reuse	1 week																											
2.5.1	Make Backend Adjustments as Needed	9 weeks																											
2.5.2	Ensure Previous Components are Working	4 weeks																											
3	Frontend	4 WEEKS																											
3.1	Determine frontend language	1 week																											
	Determine the frontend																												
3.2	framework Determine necessary user	1 week																											
3.3.1	roles	1 week																											
3.3.2	Determine which users see specific components and pages	1 week																											
3.3.3	Determine which users can see certain databases	1 week																											
3.3.4	Determine which users can change certain databases	1 week																											
	Determine color and font																												
3.4.1	themes Determine and create pages	1 week																											
3.4.2	needed	3 weeks																											
3.5 3.6.1	Wireframe site Code Student Pages	5 weeks 2 weeks																											
3.6.2	Code Client Pages	2 weeks																											
3.6.3	Code SD Instructors Pages Code Faculty & Industry	3 weeks																											
3.6.4	Review Board Pages	2 weeks																											
3.6.5	Code ABET Pages Connect pages with backend	2 weeks 4 weeks																											
3.8	Finalize UI based on Testing and User feedback	2 weeks																											
4	Database																												
	Evaluate previous project's database design's to see what can be																												
4.1	reused/improved upon Create tables	1 week																											
	Connect database to	2 weeks																											
4.3 5	backend Algorithm	1 week																											
5.1	Reseach algorithms	2 weeks																											
5.2.1	Determine how to maximise student and client satisfaction	2 weeks																											
	Determine input parameters																												
5.2.2	and weights Code the algorithm in the	2 weeks																											
5.3 6	backend Testing	2 weeks																											
	Test the UI to verify	a .																											
6.1.1	Test the UI to verify	2 weeks																											
6.1.2	component functionality Test connectivity between	2 weeks																											
6.2.1	frontend and backend	2 weeks																											
6.2.2	Test connectivity between database and backend	4 weeks																											
6.3.3	Test correctness of backend controllers, classes, and mathematic	2																											
6.2.3	methods Test its ability to create teams that fit the ABET	2 weeks																											
6.3.1	standards Test its ability to create teams that maximize	3 weeks																											
6.3.2	student and client satisfaction	3 weeks																											
6.4.1 6.4.2	Test Database Security Test SSO security	2 weeks 2 weeks																											
0.4.2	rest SSO security	∠ weeks																											1