

Task Number	Details	Outcome	Time	Completion Date	Criterion
1	Find a suitable client and problem	Found a client with intriguing problem	1 week	December 2, 2019	A
2	Discussion problem with client/advisor, Mr. Devry	Discussed basic problem and possible solutions in Java	1 day	December 4, 2019	A
3	Research into networking and relevant Java packages	Decided on all required packages for screen, networking, and GUI	4 days	December 10, 2019	A
4	Discuss in-depth about the problem and requested features	Formed ideas for GUI and setup of server-client network	1 day	December 12, 2019	A
5	Define success criteria	Success criteria defined	1 day	December 14, 2019	A
6	Begin design of server-side and client-side programs	Created basic structure of how server should accept and manage clients and how client should receive and process server commands	3 days	December 18, 2019	B
7	Plan out how client should automatically connect to server	Created plans for recursion and necessary cleanup processes	1 day	December 21, 2019	B
8	Draw up necessary objects	Sketched out Server, DiscoveryHandler,	2 days	December 23, 2019	B

		ClientHandler, and Client objects			
9	Draw out all potential interactions between server and client	Created protocols for server discovery, client connection, client selection, client streaming, client message, client cleanup, and client disconnection	4 days	December 27, 2019	B
10	Start creating various tests for potential bugs	Created tests for all success criteria	2 days	December 29, 2019	B
11	Present finished plan to advisor/client	Plan approved, able to move forward to coding	1 day	December 30, 2019	B
12	Begin creating all necessary source code	Finished basic prototype of all objects, wrapped in separate .jar executables	4 days	January 3, 2020	C
13	Perform all necessary tests	Prototype evaluated, works as necessary	2 days	January 5, 2020	C
14	Formally present prototype to client/advisor	Prototype found to be satisfactory, product approved	1 day	January 7, 2020	E
15	Discuss possible improvements and planned maintenance	Found some features that could be added in the future	1 day	January 9, 2020	
16	Create video of product functioning	Video created	1 day	January 9, 2020	D