

Date	Time	Task	Notes
9/15/2021	1.5 hours	Team Meeting	Introductions, strengths, weaknesses, develop questions for sponsor
9/16/2021	1.5 hours	Team Meeting with Sponsor	Project overview, technology stack, introductions
9/19/2021	1 hour	Workspace Setup	Downloaded Vitis and Qiskit, began looking at some of the documentation
9/20/2021	1.25 hours	Lecture	Attended weekly lecture
9/23/2021	1 hour	Team Meeting with TA	Project logistics, high level goals, time management, online resources
9/27/2021	1.25 hours	Lecture	Attended weekly lecture
9/27/2021	2 hours	Team Meeting	Work on project charter, review requirements and deliverables
9/28/2021	1 hour	Background Info	Read the Nature paper on quantum-enhanced SVM
9/30/2021	1 hour	Team Meeting	Finish project charter, discuss development environment setup
9/30/2021	2 hour	Setup	Set up Linux VM, installed Vitis to VM
10/1/2021	1 hour	Qiskit	Read Qiskit introduction, began working through tutorials
10/2/2021	2 hours	Dev Environment Setup	Setting up WSL 2, installing project dependencies
10/4/2021	1.25 hours	Lecture	Attended Lecture
10/7/2021	2 hours	Team Meeting	Configured Dev environments, misc project discussion
10/9/2021	1 hour	Qiskit	Continued working through tutorials
10/11/2021	1.25 hours	Lecture	Attended weekly lecture
10/14/2021	1 hours	Team Meeting	Discussed status reports and brainstormed requirements
10/18/2021	1.25 hours	Lecture	Attended weekly lecture
10/21/2021	1 hours	Team Meeting	Discussed status reports and brainstormed requirements
10/24/2021	1.25 hours	Lecture	Attended weekly lecture
10/28/2021	1.5 hours	Team Meeting	Discussed presentation and requirements, worked on use cases
11/1/2021	1.25 hours	Lecture	Attended weekly lecture
11/4/2021	1 hours	Team Meeting	Discussed presentation and requirements.
11/8/2021	1.25 hours	Lecture	Attended weekly lecture
11/11/2021	1 hours	Team Meeting	Discussed presentation and requirements.
11/15/2021	1.25 hours	Lecture	Attended weekly lecture
11/17/2021	1 hour	Project Presentation	Worked on project presentation with Jorge
11/18/2021	1 hour	Team Meeting	Project Presentation work and planning
11/29/2021	1.25 hours	Lecture	Attended weekly lecture
12/1/2021	0.5 hours	Project Presentation	Worked on project presentation with Jorge
12/02/2021	1.5 hours	Team Meeting	Practice and record presentation. Review final deliverables with Kirby
12/06/2021	1.25 hours	Lecture	Attended weekly lecture
01/10/2022	1.5 hours	Lecture	Attended weekly lecture
01/13/2022	1.25 hours	Team Meeting	Group sync, catch up on deliverables after break, update sponsor
01/21/2022	1 hour	Team Meeting	Group sync, discuss Vitis, breakout groups, UML solution diagram
01/28/2022	1 hour	Team Meeting	Group sync, discuss Vitis, breakout groups, UML solution diagram
02/01/2022	2 hours	Qiskit	Finished tutorials
02/04/2022	1 hour	Team Meeting	Group sync, decide teams, more UML, and more Vitis
02/08/2022	1 hour	Classical Team Meeting	Discussed plans for how to begin implementing classical ML algos
02/10/2022	1 hour	Environment setup	Set up development environment (git, required libraries, etc.)
02/10/2022	1 hour	Classical Team Meeting	Discussed plans for how to begin implementing classical ML algos
02/11/2022	1 hour	Team Meeting	Group sync, decide teams, more UML, and more Vitis
02/15/2022	1 hour	Classical Team Meeting	implemented SVM, worked on MLP, discussed data set issues
02/17/2022	1 hour	Classical Team Meeting	worked on MLP, discussed data set issues
02/18/2022	1 hour	Team Meeting	Group sync, worked with sponsor to figure out quantum interests
02/22/2022	1 hour	Classical Team Meeting	implemented SVM, worked on MLP, discussed data set issues

02/23/2022	3 hours	MLP Work	Worked more on MLP
02/24/2022	1 hour	Classical Team Meeting	worked on MLP, discussed data set issues
02/25/2022	1 hour	Team Meeting	Group sync, worked with sponsor to figure out quantum interests
02/26/2022	1 hour	MLP Work	Worked to improve accuracy of MLP
03/01/2022	1 hour	Classical Team Meeting	Discussed applying MLP to different data, exporting to Vitis
03/03/2022	1 hour	Classical Team Meeting	worked on MLP for new dataset
03/04/2022	1 hour	Team Meeting	Group sync, worked more on narrowing down sponsor specifications