

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
9/20/2021	1.25 hours	Lecture	Weekly lecture
9/23/2021	1 hour	Team Meeting with TA	Project logistics, high level goals, time management, online resources
9/26/2021	1.5 hours	Downloaded Vitis	Downloaded Vitis into an external hard drive
9/27/2021	1.25 hours	Lecture	Weekly lecture
9/27/2021	2 hours	Team Meeting	Work on project charter, review requirements and deliverables
9/30/2021	1 hour	Attempted to run Vitis	Attempted to create and run a project on the Vitis software
9/30/2021	1 hour	Team Meeting	Finish project charter, discuss development environment setup
10/2/2021	1 hour	Project info	Learning relevant information about the project
10/2/2021	2 hours	Dev Environment Setup	Setting up WSL 2, installing project dependencies
10/4/2021	1.3 hours	Lecture	Attended Lecture
10/4/2021	1.5 hours	Fixing Dev Environment	Fixing problems that occurred with my dev Environment
10/7/2021	2 hours	Team Meeting	Configured Dev environments, misc project discussion
10/11/2021	1.25 hours	Lecture	Attended weekly lecture
10/14/2021	1 hours	Qiskit	Looked into Qiskit
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
10/27/2021	1.5 hours	Quantum Computer	Watched video on quantum computing
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	0.5 hours	Project Presentation	Worked on project presentation with Adam
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 Adam
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
01/31/2022	2 hours	qiskit Tutorial Walkthrough	Worked with John on fixing env/tutorials
02/04/2022	1 hour	Team Meeting	Group sync, decide teams, more UML, and more Vitis
02/07/2022	0.5 hours	Review Lecture notes	Looked at some of the ML notes that Adam provided
02/08/2022	1 hour	Classical Team Meeting	Discussed plan for implementing classical ML algorithm
02/10/2022	1 hour	Classical Team Meeting	Set up development environment

02/11/2022	1 hour	Dev Environment Setup	Finished Dev Environment Setup
02/11/2022	1 hour	Group meeting	Discussed next steps, made sure everyone's environment was setup and working
02/13/2022	1 hour	Research on MLP and SVM	View videos on MLP and SVM
02/14/2022	1 hour	Classical Team Meeting	Discussed about implementing MLP and SVM
02/16/2022	2 hours	Research on MLP and SVM	Looked at examples of MLP and SVM
02/17/2022	1.5 hours	Classical Team Meeting	Try to implement SVM with the data provided
02/18/2022	1.5 hours	Research/Data Meeting (Me and John)	featurespace, and performed sklearn's version of pca on the three datasets (adHoc, digits,
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
02/24/2022	1 hour	Classical Team Meeting	worked on MLP, discussed data set issues
02/26/2022	1 hour	Team Meeting	Group sync, worked with sponsor to figure out quantum interests
03/08/2022	1 hour	Quantum Team Meeting	QSVM on ad hoc
03/10/2022	1 hour	Quantum Team Meeting	QSVM on other datasets
03/11/2022	1 hour	Team Meeting	Group sync
03/15/2022	1 hour	Quantum Team Meeting	QSVM notebook comparing all datasets
03/17/2022	1 hour	Research the QSVM notebook	Used the QSVM notebook with the Breast Cancer and digits datasets
03/18/2022	1 hour	Team Meeting	Group sync
03/25/2022	2 hours	Research	Researched on MLP with Quantum computers
03/29/2022	1 hour	Quantum Team Meeting	Worked on comparison notebook
03/31/2022	1 hour	Quantum Team Meeting	Worked on comparison notebook
04/01/2022	1 hour	Team Meeting	Group sync
04/05/2022	1 hour	Quantum Team Meeting	Woked on making ROC graphs for both Quantum SVM and Classical
04/06/2022	3 hours	ROC graphs	Woked on making ROC graphs for both Quantum SVM and Classical
04/07/2022	1 hour	Quantum Team Meeting	Finished the ROC graph
04/08/2022	1 hour	Team Meeting	Group sync
04/12/2022	1 hour	Quantum Team Meeting	Researched way on how to draw a Quantum circuit as well as a poster discussion