

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
9/23/2021	1 hour	Team Meeting with TA	Project logistics, high level goals, time management, online resources
9/27/2021	2 hours	Team Meeting	Work on project charter, review requirements and deliverables
9/28/2021	1 hour	Downloaded Vitis and Read Documentation	Had to download on separate hard drive
9/30/2021	1 hour	Attempted to create Project on Vitis	Failed to do so after learning some portions of the software require linux os,
9/30/2021	1 hour	Team Meeting	Got over a good draft of the project, brought up note to Windows User about Vitis compatibility
10/2/2021	2 hours	Dev Environment Setup	Setting up WSL 2, installing project dependencies
10/4/2021	1.3 hours	Lecture	Attended Lecture
10/7/2021	2 hours	Team Meeting	Configured Dev environments, misc project discussion
10/11/2021	1.25 hours	Lecture	Attended weekly lecture
10/14/2021	1 hr	Finishing Docker SetUp	Had to update docker before wsl2 worked
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 hr	Team Meeting	Worked on requirements document and use cases
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
11/10/2021	1 hr	Qiskit Environment Setup	backend dependency failing to download through conda: https://qiskit.org/documentation
11/11/2021	1 hours	Team Meeting	Discussed presentation and requirements.
11/15/2021	1.25 hours	Lecture	Attended weekly lecture
11/16/2021	2 hour	Research On MLP Classifiers	Created MLP on kaggle data set, helped me understand more in depth functionality
11/17/2021	1 hour	Project Presentation Slides	Created and practiced slides for presentation with Jarek
11/18/2021	1 hour	Team Meeting	Project Presentation work and planning
11/29/2021	1.25 hours	Lecture	Attended weekly lecture
11/29/2021	.5 hr	Practices Slides for Timing of Presentation	Was not that hard to practice :)
12/02/2021	1.5 hours	Team Meeting	Practice and record presentation. Review final deliverables with Kirby
12/03/2021	3 hours	Research on Quantum	from Kirby's Link: https://arxiv.org/abs/2109.00994v1 , https://arxiv.org/abs/2108.13421v1
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 Jorge on fixing env/tutorials
02/04/2022	1 hour	Team Meeting	Group sync, decide teams, more UML, and more Vitis
02/06/2022	2 hr	Quantum Textbook Reading	Ch1
02/08/2022	2 hr	Quantum Team Meeting	Discussed plan of attack and On quantum textbook
02/10/2022	1 hr	Quantum Team Meeting	Looked through each algorithm in ch4 and ch5 found one promising algorithms
02/11/2022	1 hour	Team Meeting	Group sync, decide teams, more UML, and more Vitis
02/15/2022	1 hr	Quantum Team Meeting	discussed if an SVM should still be continued, did a some research found some good articles

02/17/2022	1 hr	Quantum Team Meeting	Found a github quantum svm
02/16/2022	2 hr	Quantum research papers	found linked from the notes from tuesday meeting
02/18/2022	1 hour	Github SVM example Read Through	Machine-Learning/blob/master/Example%201%20-%20Quantum%20Machine%20Lea
02/18/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week, and tasks
2/21/2022	1.5 hour	Research/Data Meeting (Me and Jorge)	turespace, and performed sklearn's version of pca on the three datasets (adHoc, digits,
02/22/2022	1 hr	Quantum Team Meeting	More discussion on research/qiskit aqua
02/24/2022	1 hr	Quantum Team Meeting	Found another github quantum svm/and discussing deprecated qiskit aqua
02/25/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week, and tasks
02/25/2022	2 hours	rek Fixing dependencies issues (forgot to ad	updated requirements doc and started utilizing qiskit aqua migration guide
03/01/2022	1 hr	Quantum Team Meeting	QSVM dependcy issues
03/03/2022	1 hr	Quantum Team Meeting	ompleted qsvm on basic, need data split certain way , as well as found another depende
03/04/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week, and tasks
03/08/2022	1 hr	Quantum Team Meeting	QSVM on adhoc
03/10/2022	1 hr	Quantum Team Meeting	QSVM on paper og dataset
03/11/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week, and tasks
03/15/2022	1.5 hr	Quantum Team Meeting	QSVM notebook comparing all datasets, qubit number research
03/15/2022	.5 hr	Post Quantum Team Meeting Research	qubit number research
03/17/2022	1 hr	Quantum Team Meeting	QSVM notebook comparing all datasets (cont.)
03/18/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week, and tasks
03/22/2022	1 hr	QuantumTeam Meeting	Wrapped up QSVM notebooks, began discussions for QMLPs
03/24/2022	1 hr	QuantumTeam Meeting	Quantum group sync - found useful MLP github and began development
03/25/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week, and tasks
03/29/2022	1 hr	QuantumTeam Meeting	Quantum group sync - continued QMLP development
03/31/2022	1 hr	QuantumTeam Meeting	Successfully implemented QMLP on MNIST dataset
04/01/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week, and tasks
04/05/2022	1 hr	QuantumTeam Meeting	Continued QMLP development - ran into indexing/type error
04/07/2022	1 hr	QuantumTeam Meeting	Group sync,dicussed plan for next week, and tasks
04/08/2022	1 hour	Team Meeting	Continued to work on error from last week - cleaned up github and began poster
04/12/2022	1 hr	QuantumTeam Meeting	Finished cleaning up github, finished poster, continued work on QMLP error
04/14/2022	1 hr	QuantumTeam Meeting	Quantum group sync - continued QMLP development
04/15/2022	1 hour	Team Meeting	Group sync,dicussed plan for next week
04/16/2022	1 hr	QuantumTeam Meeting	QMLP Error