| 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 |
| 9/25/2021 | 3 hours | Reasearch | Seeing how to use OpenCV and TensorFlow |
| 9/27/2021 | 2 hours | Team Meeting | Work on project charter, review requirements and deliverbles |
| 9/28/2021 | 2 hours | Research | Reviewed Quantum computing. Reviewed Quantum algorithms |
| 9/30/2021 | 1 hour | Team Meeting | Finish project charter, discuss development environment setup |
| 10/1/2021 | 3 hours | Reasearch | Quantum circuit reasearch |
| 10/2/2021 | 2 hours | Dev Environment Setup | Setting up WSL 2, installing project dependencies |
| 10/3/2021 | 3 hours | Reasearch | Seeing how to use OpenCV and TensorFlow |
| 10/4/2021 | 1.3 hours | Lecture | Attended Lecture |
| 10/6/2021 | 1.5 hours | Dev Practice | Experimented and tested in the dev environment |
| 10/7/2021 | 2 hours | Team Meeting | Configured Dev environments, misc project discussion |
| 10/10/2021 | 1.5 hours | Research | Research for Hammond Gates |
| 10/11/2021 | 1.25 hours | Lecutre | Attended weekly lecture |
| 10/12/2021 | 4 hours | Reasearch | Machine Learing Algortihm Reaserch |
| 10/14/2021 | 1 hours | Team Meeting | Discussed status reports and brainstormed requirements |
| 10/16/2021 | 4 hours | Reasearch | Research with BM Qiskit and Google Cirq |
| 10/18/2021 | 1.25 hours | Lecture | Attended weekly lecture |
| 10/21/2021 | 1 hours | Team Meeting | Discussed status reports and brainstormed requirements |
| 10/22/2021 | 4 hours | Research | Quatum computing Reasearch and software testing |
| 10/24/2021 | 1.25 hours | Lecture | Attended weekly lecture |
| 10/26/2021 | 4.5 hours | Research | Embedded Programming Research |
| 10/28/2021 | 1.5 hours | Team Meeting | Discussed presentation and requirements, worked on use cases |
| 10/30/2021 | 3 hours | Research | FPGA and xilinx |
| 11/1/2021 | 1.25 hours | Lecture | Attended weekly lecture |
| 11/2/2021 | 3 hours | Reasearch | Machine Learing Algortihm Reaserch |
| 11/4/2021 | 1 hours | Team Meeting | Discussed presentation and requirements. |
| 11/7/2021 | 3 hours | Reasearch | Practice with BM Qiskit and Google Cirq |
| 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 |
| 11/18/2021 | 1 hour | Team Meeting | Project Presentation work and planning |
| 11/29/2021 | 1.25 hours | Lecture | Attended weekly lecture |
| 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 weeky lecture |
| 01/10/2022 | 1.5 hours | Lecture | Attended weeky lecture |
| 01/11/2022 | 1.25 hours | Reasearch | Refresher with vitis and qiskit |
| 01/13/2022 | 1.25 hours | Team Meeting | Group sync, catch up on delieverables 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 |
| 02/04/2022 | 1 hour | Team Meeting | Group sync, decide teams, more UML, and more Vitis |

| Date | Duration | Meeting Type | Notes |
| --- | --- | --- | --- |
| 02/11/2022 | 1 hour | Team Meeting | Group sync, decide teams, more UML, and more Vitis |
| 02/15/2022 | 1 | QuantumTeam Meeting | SVM Quantum Research |
| 02/17/2022 | 1 hour | QuantumTeam Meeting | Found a github quantum svm |
| 02/18/2022 | 1 hour | | More discussion on research/qiskit aqua |
| 02/22/2022 | 1 hour | | QSVM Research |
| 02/24/2022 | 1 hour | QuantumTeam Meeting | Quantum group sync - continued QSVM, found useful github |
| 02/25/2022 | 1 hour | Team Meeting | Group sync,dicussed plan for next week, and tasks |
| 02/25/2022 | 2 hours | rek Fixing dependincies issues (forgot to add | updated requirements doc and started utilizing qiskit aqua migration guide |
| 03/03/2022 | 1 hour | QuantumTeam Meeting | mpleted qsvm on basic, need data split certain way , as well as found another depende |
| 03/04/2022 | 1 hour | Team Meeting | |
| 03/08/2022 | 1.5 hours | QuantumTeam Meeting | Implemented QSVM on adhoc dataset |
| 03/10/2022 | 1 hour | QuantumTeam Meeting | QSVM on paper og dataset |
| 03/11/2022 | 1 hour | Team Meeting | |
| 03/15/2022 | 2 hours | QuantumTeam Meeting | QSVM notebook comparing all datasets, qubit number research |
| 03/17/2022 | 1 hour | QuantumTeam Meeting | QSVM notebook comparing all datasets (cont.) |
| 03/18/2022 | 1 hour | Team Meeting | |
| 03/22/2022 | 1.25 hours | QuantumTeam Meeting | Wrapped up QSVM notebooks, began discussions for QMLPs |
| 03/24/2022 | 1 hour | QuantumTeam Meeting | Quantum group sync - found useful MLP github and began development |
| 03/25/2022 | 1 hour | Team Meeting | |
| 03/29/2022 | 2 hours | QuantumTeam Meeting | Quantum group sync - continued QMLP development |
| 03/31/2022 | 1 hour | 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 hour | QuantumTeam Meeting | Continued QMLP development - ran into indexing/type error |
| 04/07/2022 | 1.5 hours | 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 hour | QuantumTeam Meeting | Finished cleaning up github, finished poster, continued work on QMLP error |
| 04/14/2022 | 1.75 hours | QuantumTeam Meeting | Quantum group sync - continued QMLP development |
| 04/15/2022 | 1 hour | Team Meeting | |
| 04/16/2022 | 1 hour | QuantumTeam Meeting | QMLP Error |