

Sprint Backlog Grooming Meeting Minutes #1:

Attendees: Christopher Kverne, Nathan Lioe-A-Tjam, Isabella Anthony

Start time: 02/16/2026 4:00pm

End time: 02/16/2026 4:20pm

The tasks below are completed from the previous week.

- Task 13: Run Optimization Experiments for 1,2,4,8 and 10 Qubit counts.
- Task 14: Analyze and Visualize Results Across Layer Depths.
- Task 15: Finalize theorem 1-3 (The Riemann Hessian and Element Wise bounds).

The tasks below are created for the upcoming week.

- Task 16: Continue running different experiments.
- Task 17: Interpret and Analyze all the results obtained.
- Task 18: Incorporate the interpretations and analyses to our theory.
- Task 19: Implement a “Dually-Flat Ansatz” for the VQE, QAOA and QNN problem.
- Task 20: Implement the “Dually-Flat mask” for the g-metric tensor.