

Sprint Review Meeting Minutes

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

Start time: 03/29/2026 6:55pm

End time: 03/29/2026 7:15pm

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners:

- Task 18: Run Experiments for stratified QAOA for layers 1,2,4,8 and 10 Qubit counts.
- Task 19: Run Experiments for stratified VQA for layers 1,2,4,8 and 10 Qubit counts.
- Task 20: Implement the Dually-Flat QNG Optimizer and run it for VQE problems
- Task 21: Test dually flat QNG against QNG on VQE problems for various qubit counts.
- Task 22: Compute the variance of the Riemann Hessian elements as the number of qubits grows (1-10 qubits).
- Task 23: Finish the theoretical scaling theorem in section 4 of the paper.
- Task 24: Test DFS-QNG on QAOA problem for 2-10 qubits
- Task 25: Test DFS-QNG on another H2 Hamiltonian for 2-10 qubits
- Task 26: Prepare structure for poster

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting. None