

Guidelines and Rubric for Weekly Meeting 04/14/2023 (3rd week)

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5 points

1. (2 pts) *Previous Meeting Items* List action items from the previous meeting and update the status.

- We implemented instances of grovers and adder for the point to point QMPI.
- This week we discussed more implementations of the project via application-specific instances of QMPI. The specific thing we discussed was how given any quantum circuit, we can replace it with our QMPI platform and this is what we want
- We also talked about implementing the collective QMPI operations including broadcast, scatter, and gather.

2. (2.5 pts) *Future Plan* List short-term action items with a target deadline.

- Implement what we talked about this week with given any quantum circuit, we can transform it using EPR pairs
- Implement gather, broadcast, and scatter

3. (0.5 pts) *Problems* List any problems, including communication and technical problems.

- No problems at the moment. Any questions were asked and resolved