PROJECT STATUS REPORT
NORTHROP GRUMMAN – QUANTUM AI AT THE EDGE
AS OF: 10/11/2021

PROJECT STATUS SUMMARY   Percent Complete: 5%

Scope	Schedule	Cost	Risks	Quality

Risks

The sponsor has communicated that this project is fully R&D and exploratory by nature. There is a high probability that the project will not actually work. However, we will certainly be doing our best. If the quantum piece fails to show improvements over traditional models, then traditional models will be used for inference on the emulator.

WORK PLANNED FOR LAST WEEK

The work planned for last week was as follows:

- Continue to review novel research papers provided by the sponsor.
- Continue to read documentation surrounding the technology stack.
- Some members are still having issues setting up the development environment we'll continue to debug and troubleshoot.
- Update project charter to incorporate TA and Sponsor feedback.

WORK COMPLETED LAST WEEK

We made the appropriate changes to our project charter. The updated project charter incorporates the feedback provided by both our TA and our Project Sponsor. We expect the Project Sponsor to fully sign off on our project charter this week. Additionally, we have now completed the initial development environment setups for everyone in the group. We have also decided to go with an Agile/Kanban hybrid approach given the dynamic and exploratory nature of our project.

WORK PLANNED FOR NEXT WEEK

We plan to work out the initial deliverables and requirements of our of project. As well as setting up the next stage of development environments such as Vitas and Xilinx on everyone's personal computers. as well as working out the initial requirements of our project.

- Continue to review novel research papers provided by the sponsor.
- Continue to read documentation surrounding the technology stack.
- Setup the supplemental development environments Vitas and Xilinx on everyone's personal computers.

OPEN ISSUES

- Initial development environments are now fully setup. We will now be working to setup the supplemental development environments Vitas and Xilinx on everyone's personal computers.

DELIVERABLES AND MILESTONES

Milestone	WBS	Planned	Forecasted	Actual	Status
Initial development environments	002	10/11/2021	10/11/2021	10/12/2021	Completed
Supplemental development environments	004	10/30/2021	10/30/2021	TBD	Incomplete
Deliverable	WBS	Planned	Forecasted	Actual	Status
Setup git branches	003	10/3/2021	10/3/2021	10/3/2021	Completed
Project Charter Updates	001	10/14/2021	10/15/2021	10/14/2021	Completed

OPEN CHANGE REQUESTS

Change Request Name	Change Request Number	Request Date	Current Status
NA			
NA			

KEY PERFORMANCE INDICATORS (KPI'S)

Schedule - Project is on schedule
Schedule Variance (SV):   +/- 2 days

Cost - Project is on budget
Cost Variance (CV): $0