PROJECT STATUS REPORT
NORTHROP GRUMMAN – QUANTUM AI AT THE EDGE
AS OF: 12/06/2021

PROJECT STATUS SUMMARY   Percent Complete: 13%

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
We practiced our timing with each of our talking points. We then delivered a concise and succinct presentation. Last week focused on buttoning up the remaining milestones and assignments concerning our project. Ultimately, the work we planned for last week was simply wrapping everything that was necessary to close out the fall semester on a good note.

WORK COMPLETED LAST WEEK
We finalized our slides for our project summary presentation and then recorded and uploaded our video presentation to the google drive folder. Additionally, we finalized our requirements document and completed our project plan Gantt chart using free project management software called Click Up. We met one last time with Kirby our TA to discuss how to best wrap the end of the semester. We also updated the project sponsor letting him know that we are about to begin winter break and will be kicking off the spring semester with our high-level solution design.

WORK PLANNED FOR NEXT WEEK
We do not have any work planned for next week because it is finals week and then winter break right after. We will begin our high-level solution design as a soon as we return from winter break.

OPEN ISSUES

- They are currently no open issues.

DELIVERABLES AND MILESTONES

Milestone	WBS	Planned	Forecasted	Actual	Status
Initial development environments	002	10/11/2021	10/11/2021	10/12/2021	Complete
Supplemental development environments	004	10/30/2021	10/30/2021	10/31/2021	Complete
Setup Vitas and Xilinx	006	10/21/2021	1/15/2021	TBD	Incomplete
Deliverable	WBS	Planned	Forecasted	Actual	Status
Setup git branches	003	10/3/2021	10/3/2021	10/3/2021	Complete
Project Charter Updates	001	10/14/2021	10/15/2021	10/14/2021	Complete
Requirements Document	005	10/21/2021	11/08/2021	11/15/2021	Complete
First Use Case	007	10/21/2021	10/24/2021	10/24/2021	Complete

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):   +/- 3 days

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