PROJECT STATUS REPORT
NORTHROP GRUMMAN – QUANTUM AI AT THE EDGE
AS OF: 11/07/2021

PROJECT STATUS SUMMARY   Percent Complete: 10%

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 are finalized our requirements document with the final use case. Additionally, we continued meeting regularly as a team to come up with slides, talking points, and practice our presentation timing. Once our final use case if tidied up we will upload it for submission.

WORK COMPLETED LAST WEEK
We continue to brainstorm ideas for our presentation. We have setup a google slides template presentation and are meeting regularly as a team to come up with slides, talking points, and practice our presentation timing. We have one remaining use case for our project that we are currently tidying up. Now that the requirements document is close to being finalized, we will be diverting all of our focus and energy to the group presentation.

WORK PLANNED FOR NEXT WEEK
We are still fleshing out our final use case. We expect it to be done this week. Once the final use case is wrapped up we will be directing all of our attention toward putting together a rock solid presentation for our group project. Everyone in the group finds the project remarkable and is excited to present our project to the class.

OPEN ISSUES

- We continue to meet regularly to plan our project presentation and practice our presentation delivery. We are also wrapping up our final use case. We didn't get to complete it last week because of major project and homework deadlines in other classes.

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	12/01/2021	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	TBD	Incomplete
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