

**PROJECT STATUS REPORT**  
**NORTHROP GRUMMAN – QUANTUM AI AT THE EDGE**  
**AS OF: 11/28/2021**

**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 are 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.

**WORK COMPLETED LAST WEEK**

We finished putting together our slides for the presentation, we are reviewing our talking points and plan to record our presentation this week. Other than that, everyone seemed to have a great fall break.

**WORK PLANNED FOR NEXT WEEK**

We have been practicing our timing with each of our talking points. We plan to deliver a concise and succinct presentation and are focused on getting the timing down while also communicating the essential elements of our project.

## OPEN ISSUES

- We continue to meet regularly to plan our project presentation and practice our presentation delivery.

## 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