**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.

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# 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