**Project Status Report**

**Northrop Grumman – Quantum AI AT The Edge**

**As Of: 11/15/2021**

**Project Status Summary**  Percent Complete: 12%

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 have come up with a solid plan for our presentation. We assigned roles and responsibilities to each group member and what they will be presenting on for our presentation. Each pair of group members if responsible for completing their own slides within the agreed upon style template. Now that roles and responsibilities are clarified we will be begin building and practicing our presentation.

# Work Planned For Next Week

We have come up with a solid plan for our presentation Throughout the week the each pair of group members will be meeting to discuss their talking points and build out their slides for our presentation slide deck. Additionally, during our weekly meeting time on Thursday we will be practicing our presentation as a group, and then recording our full presentation for our assignment submission.

# 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