PROJECT STATUS REPORT

PREDICTING DEFECTS IN PARTS MADE VIA ADDITIVE MANUFACTURING AS OF 4/8/2024

PROJECT STATUS SUMMARY Percent Complete: ~85%

Scope	Schedule	Cost	Risks	Ouality
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Schedule: The project is proceeding on schedule. We are still on track to finish the hole analysis algorithm by the end of the semester and testing has begun. AWS implementation is going well and is also on track to be finished by end of semester.

Risks: N/A - no risks as of yet.

WORK PLANNED FOR LAST WEEK

Finish fixing hole analysis errors, continue to implement AWS infrastructure package.

WORK COMPLETED LAST WEEK

- Hole analysis errors are entirely fixed and testing has begun. AWS continues to truck along towards completion

WORK PLANNED FOR NEXT WEEK

This upcoming week, we are:

- Continue implementing cloud architecture, specifically finishing the frontend/backend integration
- Continue testing hole analysis

OPEN ISSUES

N/A

DELIVERABLES AND MILESTONES

This section is a table which shows the status of milestones and deliverables.

The first column is for the name of the Milestone or Deliverable from the project plan. The next column is the WBS unique ID number. This ties it to the milestone/deliverable in the project plan. The "Planned" column is the planned completion date according to the baseline. The "Forecasted" column is the expected completion date for this item. The "Actual" column is the actual date the milestone/deliverable was completed. The "Status" column is a simple one or two word phrase such as; "Completed", "On Schedule", "Late", "Accepted", etc.

Milestone WBS	Planned Fore	ecasted Actual Status	
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Set-up VMs		10/02/23		10/7/23	Complete
Implement shrinking sphere		11/09/23		11/13/23	Complete
Offline visualization		11/09/23		11/13/23	Complete
Deliverable	WBS	Planned	Forecasted	Actual	Status
Shrinking sphere		12/23			Delivered
optimization					
Offline visualization		12/23			Delivered
optimization					
Hole depth algorithm		3/24			In Progress
implementation					
Cloud hosting of project		4/24			In progress

OPEN CHANGE REQUESTS

Use this section to track all changes to the project scope and report the status of those changes. Tracking of changes starts with the request for the change, tracks the approval status and ends when the change is added to the project, the project plan and schedule have been updated and the change has become integrated into the project.

Change Request	Change Request	Request Date	Current Status
Name	Number		
Investigate polygon resolution heuristic feature	1	11/1/24	Complete
Drag/drop files for visualization	2	1/17/24	Done

KEY PERFORMANCE INDICATORS (KPI'S)

Many executives turn right to this section as it provides a clear summary of the status of the project according the progress metrics. You should limit the metrics displayed to the most important. You want to avoid providing the same information in different formats. Fewer is better.

Schedule - Project is On Schedule Schedule Variance (SV): +/- 7 days

Cost - Project is On Budget Cost Variance (CV): \$0