PROJECT STATUS REPORT
PREDICTING DEFECTS IN PARTS MADE VIA ADDITIVE MANUFACTURING
AS OF: 10/8/2023

PROJECT STATUS SUMMARY   Percent Complete: ~5%

Scope	Schedule	Cost	Risks	Quality

Schedule: The project is proceeding on schedule, we have essentially all development environments set up and have thoroughly investigated a complete shrinking sphere implementation.

Risks: N/A – no risks as of yet.

WORK PLANNED FOR LAST WEEK

Last week, the plan was to set up our development environments and examine the shrinking sphere algorithm.

WORK COMPLETED LAST WEEK

During last week's meeting times and offline we:
- Discussed the shrinking sphere algorithm (both within ourselves and with Canopy)
- Set up our development VMs
- Fixed the memory leak with the current AABB implementation

WORK PLANNED FOR NEXT WEEK

This upcoming week, we are:
- Working on implementing an AABB tree intersection implementation
- Investigating visualization of face thickness

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	Forecasted	Actual	Status
Set-up VMs		10/02/23		10/7/23	Complete
Deliverable	WBS	Planned	Forecasted	Actual	Status
Implement shrinking sphere		11/09/23			On schedule

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 Name	Change Request Number	Request Date	Current Status
N/A			

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):   +/- 3 days

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