Project Status Report

Project Name	Lockheed Martin #2: Digital Twin Simulation		
Date	3/1/2021	Created By	James Douthit
Status RAG	**Time**	**Team Member Participation**	N/A
Progress Last Week	Created two tickets on Jira to further investigate our issues with the AST generation. We completed both with hours of investigation into the reasons the AST was not generating correctly, and we isolated that templated classes may be causing these large errors.		
To Do This Week	We will meet with our supervisors on Tuesday to discuss next steps. Since we have identified the fatal bug and reproduced it in custom code, we are anticipating being asked by our sponsor to rewrite the code-base without the bug causes. We will also begin work on our main goal of synthesizing the two models.		
New Issues, Risks, Blockers	Our blockers are mainly that James was ghosted by some Subject-Matter Experts for clang which will make possible troubleshooting more difficult. We will now have to submit a generic bug report.		
Updates on Issues, Risks, Blockers Raised Last Week	We have overcome our blockers from last week in that we isolated the problem with AST generation and familiarized ourselves with the landscape of how clang is interacting with the python code to create the AST.		