Project Status Report
JPL Parallel SPICE Implementation
As of 11/8/2020

Project Status Summary   Percent Complete: 0%

🟩	**Scope**	We finally have a good, team wide understanding of the scope and are on track working towards our end goal.
🟨	**Schedule**	We solved the Spice, Gradle, and GRPC issues. We just need to catch up on time lost solving the issues.
🟩	**Quality**	There have been no quality issues thus far.
🟩	**Issues**	None

Work Planned For Last Week

- Mainly a continuation of tasks from the week before
    - Design a method for the marshaling of grpc calls to spice lib calls
    - Get a workerPool prototype working
    - Design useful benchmarks
    - Work on design document

Work Planned For This Week

- Mainly a continuation of tasks
    - Get a workerPool prototype working
    - Design useful benchmarks
    - Work on design document
- Implement preliminary design of grpc calls
- Work on project midterm presentation

Open Issues

- None

Deliverables and Milestones

Milestone	Planned	Forecasted	Actual	Status
Understand SPICE in a Java Context	10/12/2020	10/19/2020	10/19/2020	100%
Develop a preliminary design for parallelizing SPICE functions in Java	10/12/2020	11/16/2020	-	35%
Understand the scope of the project	10/12/2020	10/19/2020	10/19/2020	100%
Deliverable	Planned	Forecasted	Actual	Status
Create a requirements document	10/19/2020	10/19/2020	10/19/2020	100%
Create a design document	10/19/2020	11/16/2020	-	25%
Develop a preliminary prototype of ParSPICE	11/02/2020	11/23/2020	-	05%

Open Change Requests

- None thus far

Key Performance Indicators

- **Schedule** - Project is on Schedule
  - Schedule Variance (SV):   +/- 14 days