Project Status Report
JPL Parallel SPICE Implementation
As of 04/19/2021
Final Report

Project Status Summary   Percent Complete: 95%

🟩	**Scope**	We have had no issues with the scope of the project
🟩	**Schedule**	We are on schedule
🟩	**Quality**	The codebase quality is currently satisfactory
🟩	**Issues**	No current outstanding issues

Work Planned For Last Week

- Test new solution design
- Benchmark new design
- Document new design

Work Planned For This Week

- Continue work from previous week

Open Issues

- No open issues

Deliverables and Milestones

Milestone	Planned	Forecasted	Actual	Status
Understand SPICE in a Java Context	10/12/2020	10/19/2020	10/19/2020	100%
Understand the scope of the project	10/12/2020	10/19/2020	10/19/2020	100%
Develop a preliminary design for parallelizing SPICE functions in Java	10/12/2020	02/12/2021	03/01/2021	100%
Automating the coverage of the SPICE Library	01/25/2021	03/05/2021	N/A	N/A
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	03/05/2021	4/12/2021	80%
Develop a preliminary prototype of the user-side of ParSPICE	11/02/2020	02/12/2021	4/12/2012	80%
Develop a preliminary prototype of the engine-side of ParSPICE	11/02/2020	02/12/2021	-	80%
Develop a prototype of ParSPICE with both the client-side and engine-side components	01/24/2021	03/12/2021	-	50%

Key Performance Indicators

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