

# Project Status Report

## JPL Parallel SPICE Implementation

As of 01/25/2021

### Project Status Summary

Percent Complete: 0%

Scope	We have had no issues with the scope of the project
Schedule	Slightly behind due to tasks taking longer than expected
Quality	There have been no quality issues thus far
Issues	None

### Work Planned For Last Week

- Organize meeting schedule for the semester
- Document the marshalling and dispatching parts of the project

### Work Planned For This Week

- Plan on merging the marshalling and dispatching parts of the project
- Plan automation part of the project

### 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%

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	-	50%
Automating the coverage of the SPICE Library	01/25/2021	03/05/2021	-	5%
<b>Deliverable</b>	<b>Planned</b>	<b>Forecasted</b>	<b>Actual</b>	<b>Status</b>
Create a requirements document	10/19/2020	10/19/2020	10/19/2020	100%
Create a design document	10/19/2020	03/05/2021	-	45%
Develop a preliminary prototype of the user-side of ParSPICE	11/02/2020	02/12/2021	-	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	-	0%

## Key Performance Indicators

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