Weekly Progress Report (<Week 6>)
<Team No. 509>

Sprint Review:

Status of the current sprint

User Story ID/ Item No.	Story Points	User Story Link	Owner	Status	Remarks
US00001	2	https://github.com/neu-cs4530-fall2023/team509-project/tree/nhan/implementation/spreadsheet-app/src/models	Nhan	In-progress, implementation complete	Completed implementation and documentation, needs to write more tests.
US00003	3	https://github.com/neu-cs4530-fall2023/team509-project/tree/new-branch-minh/implementation/spreadsheet-app/src/models	Minh	In-progress, implementation complete	Write more tests for edge cases
US00008	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/intial_frontend_components_ari_pant/implementation/spreadsheet-app/src/components/spreadsheet_table.tsx	Ari	In-progress	Built out sheet grid component. Writing the code to have it interact with the spreadsheet model.
US00010	3	https://github.com/neu-cs4530-fall2023/tea	Nikolas	In-progress	Initially the story points were 6, but I believe using the

		m509-project/ blob/main/impl ementation/sp readsheet-app /src/models/gr aph.ts			Chart.js library it should not take as long.

Individual Contributions:

Ari: Attended 11/7 meeting, installed MUI, built sheet component that displays the cell grid.

Minh: Almost done with the test suites for sheet.ts(everything except for graphs functionality).Got started on observers functions so that cells can reference other cells and update their changes for US0004.

Nhan: Attended 11/7 meeting, installed jest + implemented tests, cell parsers work for US00001, working on making them functional for US00005/7 as well

Nikolas: Attended meeting (11/7) to quickly assign tasks and discuss, in progress, on initializing graph functionality.

Sprint Retrospective:

What went well in the previous sprint?
- During our previous sprint, the team was briefed on the project's progress, it seems like we're all on the same page with what needs to be done for the upcoming week.Regarding our project's status, it looks like we are making good progress on both the front-end and back-end aspects

What obstacles were encountered in the previous sprint?
- We had a little setback where code was pushed to main by accident, but this was fixed relatively quickly

What can we improve in the next sprint?
- N/A – we are moving at a decent pace and communicating regularly

Sprint Planning:
Plan for the next sprint

User Story ID/ Item No.	Story Points	User Story Link	Owner	Status	Remarks
US00007	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/expressions/function-expression.ts	Nhan	In-progress	work needed coincides with us00005
US00005	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/expressions/range-expression.ts	Nhan	In-progress	work needed coincides with us00007
US00004	3	https://github.com/neu-cs4530-fall2023/team509-project/tree/new-branch-minh/implementation/spreadsheet-app/src/models	Minh	In progress	Have the basic functionality of observers, but need more revision and tests to make sure that cell references get added to the correct observers and observing lists
US00003	3	File to be Made	Ari	In progress	N/A
US00007	4	File to be Made	Ari	Blocked	Concrete classes need to be fully implemented in order to work on this
US00010	3	https://github.com/neu-cs4530-fall202	Nikolas	In progress	I am hopeful for quick progress,

		3/team509-project/ blob/main/impleme ntation/spreadshee t-app/src/models/gr aph.ts			but it is very possible that this task is more difficult than I first thought.