Weekly Progress Report (<Week 7>)
<Team No. 509>

Sprint Review:

Status of the current 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	partial implementation, was stuck but now refactoring code for US00001 to make this work
US00005	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/expressions/range-expression.ts	Nhan	In-progress	see above comment
US00010	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-	Nikolas	In-Progress	Having problems implementing into the graph class, was able to get it working on

		app/src/models/graph.ts			local react project.
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	Connecting the functionality between the cell grid and the secondary display.
US00004	3	https://github.com/neu-cs4530-fall2023/team509-project/tree/new-branch-minh/implementation/spreadsheet-app/src/models	Minh	In-progress	Finished the basic implementation for observers so that observers get notified when there is an update in a cell that it is observing. Need to do tests with observers implementation.

Individual Contributions:

Ari: Working on building a secondary display component and having it interact with selected cells in the cell grid. Attended 11/15 and 11/11 meetings.

Minh: Included more documentations and tests for US0003 and US0006. I have the basic implementation of observers but need to write tests to verify its functionality when we have the cell reference mechanism completed. Attended 11/15 and 11/11 meetings

Nhan: refactored US00001, included more documentation and tests for said story, still working on US00007/3, attended 11/15, 11/11 meeting, recorded 11/15 meeting.
Nikolas: Was able to construct graphs locally on react project, now working on implementing graphs onto the Graph class. (required a change in file type from js to jsx to get the React.Component extension working, may have to remove interface)

Sprint Retrospective:

What went well in the previous sprint?
- We were able to adapt and find new ways of doing things like the observer and parser work

What obstacles were encountered in the previous sprint?
- some of us are still stuck on our user stories, we could pick up the pace to meet project deadlines

What can we improve in the next sprint?
- do shorter, but more frequent check-ins

Sprint Planning:

Plan for the next sprint

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US00007	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/expressions/function-expression.ts	Nhan	In-progress	partial implementation, was stuck but now refactoring code for US00001 to make this work
US00005	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/imple	Nhan	In-progress	see above comment

		mentation/spreadsheet-app/src/models/expressions/range-expression.ts			
US00004	2	File to be created	Nhan	In-progress	refactor for US00005/7 will likely create functionality for this story.
US00010	3	https://github.com/neu-cs4530-fall2023/team509-project/blob/main/implementation/spreadsheet-app/src/models/graph.ts	Nikolas	In-Progress	Hoping that I will be able to finish this week, but I am struggling with how to represent the graph with react.componet's render function
US00003	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	N/A
US00007	4	File to be	Ari	Blocked	Concrete

		Made			classes need to be fully implemented in order to work on this
US00002	3	https://github.com/neu-cs4530-fall2023/team509-project/tree/new-branch-minh/implementation/spreadsheet-app/src/models	Minh	In-progress	Need to include error handling functionality to existing methods