

Iteration 2					
From:	Jan 12, 2026				
To:	Mar 13, 2026				Please color code the task status
Iteration Goals:	Goal 1	End-to-end simulation workflow integration.			In Progress
	Goal 2	Finalized visualization, saving, and export features.			Under Testing
					Done
(You can specify which use case or functionality or bug to implement/fix in this iteration)					
Use Case/Issue	Task	Estimated Effort	Assigned to	Status	Actual Effort
Initalized Parameters (UC-1, UC-2, UC-3, UC-12, UC-13)	Valid ranges/acceptable values for program parameters to strengthen input validation	4 hours	Stefan	In Progress	4
	Merge Anthony's updated code to current interface	10 hours	Aqil, Hebert	In Progress	9
Graphing Capabilities (UC-6, UC-7)	Implement frontend graphing components using PyQtGraph and enable graph export as PNG	10 hours	Derek, Ellion	In-Progress	7
Running Page	Intilaizing the "running" page/status view between program start and completion	8 hours	Gabby, Ellion	In-Progress	8
UC 10	Implement "stop" button/signal to terminate simulation	4 hours	Gabby, Ellion	In Progress	5
Saving spatial data (UC-9)	Connect UI option to save spatial data to backend & confirm it saves properly	6 hours	Bereket	In-Progress	6
Toggle Model Selection	Be able to toggle which ABM to run the simulation on from the start simulation page	10 hours	Aqil, Hebert, Ellion	In-Progress	8