Iteration 1							
From:	Oct 16, 2025						
To:	Dec 15, 2025					Please color code the task status	In Progress
Iteration Goals:							Under Testing
1	Scaffold & connect: Git repo/structure; confirm architecture/libs; backend wrapper; load/save/default configs.						Done
2	Inputs & validation: initial conditions; transmission toggles; rates/continuous + distribution params; input-validation unit tests.						
3	Run → results: run/stop sim; status feedback; data save (CSV/JSON); time-series plots + variable selection; results/export page; basic help; integration/functional tests.						
Iteration 2							
From:	Jan 12, 2026						
To:	Mar 13, 2026						
Iteration Goals:							
1	Implement full user parameter input functionality in the GUI, allowing researchers to easily set initial conditions, infection rates, and other continuous or toggle-based parameters without modifying source code. (Use Cases: Adjust Simulation Parameters, Configure Transmission Modes)						
2	Connect the parameterized GUI to the ABM backend to successfully execute and stop simulations using real CUDA-based computations. Ensure validated input data is passed to the model and outputs are generated correctly. (Use Cases: Run Simulation, Stop Simulation)						
3	Enable data saving and basic progress/status feedback to improve user experience during and after simulation runs. Include file name/path validation and output formatting for later visualization. (Use Cases: Save Simulation Data, View Simulation Status						
Iteration 3							
From:	Mar 16, 2026						
To:	Apr 29, 2026						
Iteration Goals:							
1	Param validation tests: full unit coverage for all inputs; edge cases; clear errors; CI green.						
2	Graph output: time-series plots with variable toggles, axes/legends, auto-scale; export PNG/SVG.						
3	End-to-end flow: run/stop wiring, status updates, save results (CSV/JSON), results/export page; E2E & integration smoke tests.						