

Project 3

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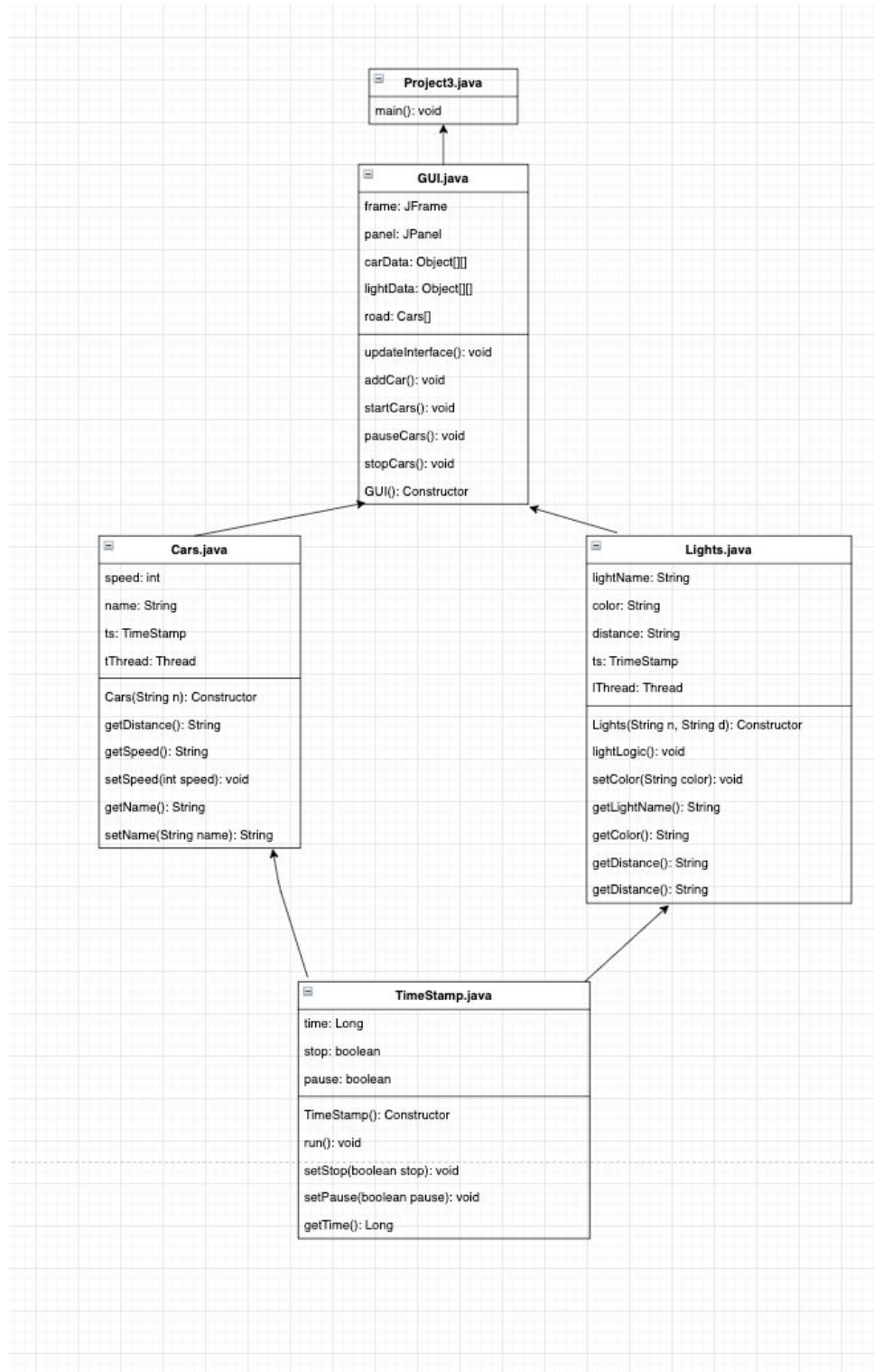
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For Professor Osama Morad

University of Maryland Global Campus

UML Class Diagram



Users Guide:

1. **Run application**, from running the application the cars would of already started moving. Their distance will be increasing.
2. **Pause Button**, allows you to stop all the cars to look at information
3. **Start Button**, allows you to continue the analysis and the cars start moving again
4. **Stop Button**, stops the application.
5. **Add car**, adds a car and automatically starts running from starting point (distance: 0)

Lessons Learned:

For this application, I learned how to pull information from different threads to display to the GUI. Unfortunately I was not able to get the frame to update without constant flickering. I am not sure how to get the graph to update with the distances, but the distances do update in the threads. I could not figure out how to get them the cars to stop when the lights turned red.