Feedback for Summative Assessment: System Design

The activity diagram provided is fine and shows a good understanding of the material, while also offering a sensible logical breakdown of the steps.

The class diagram is okay, but lacking core elements, for example there are areas where you have clearly meant to use inheritance and have not illustrated this. For instance, a car containing a sensor module. Generally, what you have is appropriate but I would revisit the diagrams to ensure they are clear and correct.

As with the class diagram, your sequence diagram is a reasonable attempt but not properly constructed or presented. I would recommend reviewing the UML standards to ensure you are adhereing to the correct methods.

The state diagram and use case diagram show a good understanding of the material and are a good attempt for the assignment.

Your justification is fine but I am not convinced that a dictionary would be a good way to store objects in the road. How would this work as you would need to keep something to allow the car to match it to something in the dictionary.