**From:** **Iida, Takayuki** tiida@fas.harvard.edu
**Subject:** RE: Assignment #5 Class Diagrams
**Date:** December 7, 2015 at 9:43 PM
**To:** Gerald Trotman geraldtrotman@fas.harvard.edu, Eric James Gieseke egieseke@fas.harvard.edu

IT

Hi Gerald. I can see the second two diagrams sort of, but the first one, I can't read at all, even zoomed.

Ride requests and customer profiles are, I imagine, shared among several applications. But I think of the cars and the customers as being clients of the central system. They retrieve, hold, and update representations of those entities, but they always do so via the central service.

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**From:** Gerald Trotman [geraldtrotman@fas.harvard.edu]
**Sent:** Sunday, December 06, 2015 10:54 PM
**To:** Eric James Gieseke
**Cc:** Iida, Takayuki
**Subject:** Assignment #5 Class Diagrams

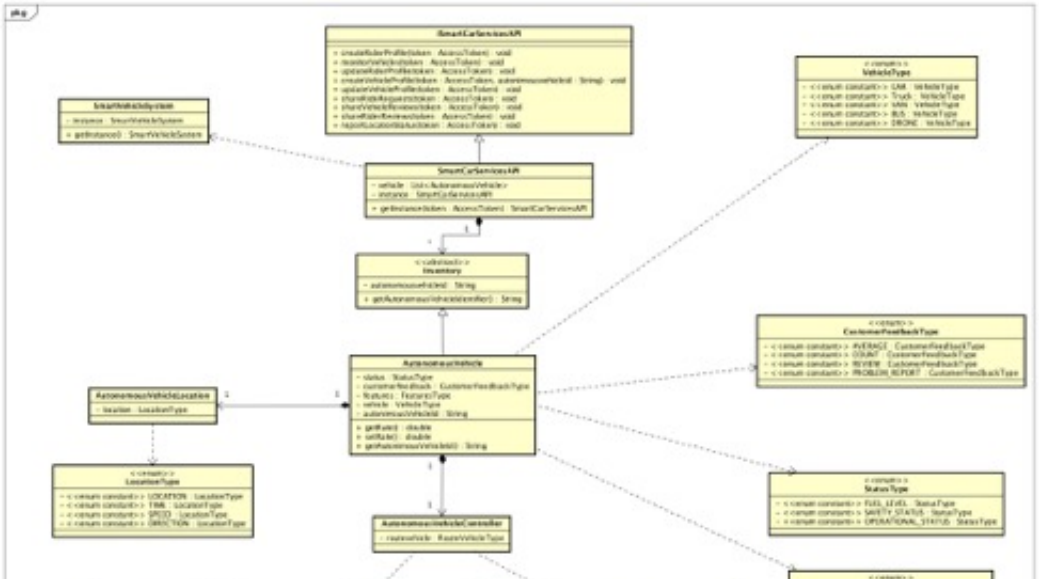
Hi Professor Gieseke and Takayuki,

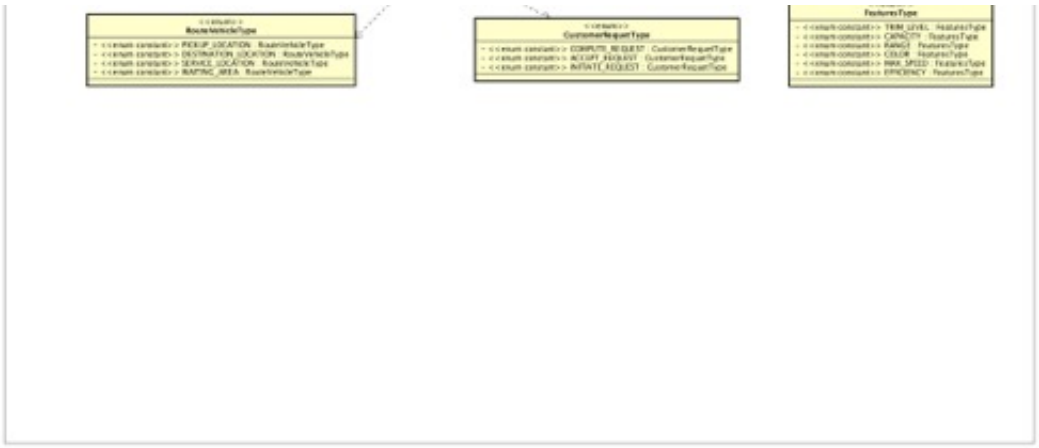
Enclosed are my Class Diagrams:

They're a little rough around the edges but I thought about them enough to notice that the Mobile App resembled the Entitlement Services, The Smart Vehicle System resembles the Controller, and The Smart Car Services resembles the House Mate Model in terms of their functionality.

What I am still trying to figure out is how to incorporate the System Data thoroughly. More so, we have three subsystems and 4 pieces of system data. I've put the Vehicle System Data in the Smart Car Services (which felt the most right to me). I put the User Interface System Data in the Mobile App.

I'm still wondering how I should handle Request Ride and Customer Profile though. I could make an argument for putting Customer Profile in the Mobie App and Request Ride in the Smart Vehicle System. But I'm not really sure.

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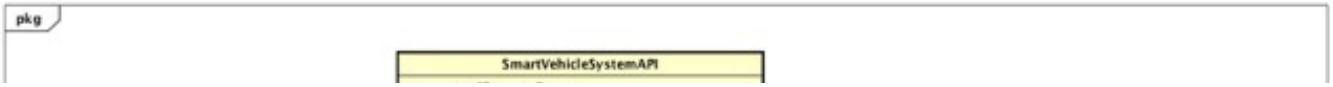
CustomerRequestType
FeaturesType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SmartVehicleSystemAPI