Meeting Notes

11/10/2016

SBI CLASS

SBI DIS course (SPRING 2017)

- 2 sessions (3 credit hours)
- 1st course continuation of current Ford Project
- 2nd course for SBI publication works

SBI class update

- No Autonomy
- Purely vehicle to vehicle device communication only
- Out of scope
- Use case revisions
- New set of requirements explicated to class
- Deliverables
    - Revised use cases due by Sun. 11/13/2016 @ 11:59 pm
        - A set of use cases is assigned to each team
        - Instructed to be detailed as related to what it needs to be/ what needs to happen.
    - #5a. Data Flow Diagram (D-F-D) due Wed. 11/16/2016 @ 11:59
    - #5b. Entity relationship Diagrams (E-R Diagrams)
    - Everything due for SBI Thurs. 12/1/2016 – final presentations

SBI Lecture

Process Modeling

- Requirements determination
- Specification of requirements (structuring)
- Model/ Create functions and process
    - model data flow and manipulation and encapsulation
    - processing requests and alert of transactions

Logical/ Physical Models

Data Flow Diagrams (DFDs)

- development
- balancing and decomposition
- decision tables (represent conditional logic)
- object orientated approach to process modeling

Context data flow diagram

- Overall design of the system (internal/ external elements)
- High level logic DFD

- Lower level (detailed and technical) physical DFD