Discussion exercises for CMPE349
Feb. 24, 2017

1. **What makes a good spec?**
   Each group should review the specification fragments relevant to their task.

   A) From these fragments select one specification statement of a functional or performance requirement that represents a good specification in the sense discussed in lecture: Complete, simple, unambiguous.

   B) From the fragments, select one specification statement of a functional or performance requirement that could be improved, and provide a recommendation for how it might be reworded, or identify what information is missing.

   C) For the functional/performance requirement selected in A) investigate if the specification contains a verification requirement. If so, indicate what is required to verify the requirement. If not, suggest a verification method and sketch out how the verification would proceed.

2. **Creating a system engineering artifact**

   A) For the design task you have been assigned, create one of the operational view graphic artifacts discussed in class. Using that artifact, identify information that needs to be coordinated with other design groups.

   B) For the design task you have been assigned, create one of the functional level graphic artifacts discussed in class.

3. **Engineering Documentation**
   Document your efforts for Tasks 1 and 2 above in a team status report to be submitted in PDF form via the Blackboard assignment "349 TSR 01" no later than 11:59 PM next Thursday, March 3.