

### Agenda - Weekly Meeting 3

You are to prepare a Powerpoint presentation, that reports your Team's current progress to date, maximum duration 10 minutes. The presentation will be followed by a Question and Answer session. Your presentation *must* address the following points:

1. *Project Status*: Report on the current state of the project using your Gantt chart. Recall that the chart must be consistent with the actual progress indicated in your documentation on the date of presentation. It should also clearly indicate the remaining work to be done and the key dependencies.
2. *Budget*: Present a brief budget update using the format prescribed in Week 2. Hours claimed must be backed up by proper documentation.
3. *Mechanical Design Proposal*: Be prepared to discuss alternatives and critique your choices leading to the adopted design (you may use rough sketches in describing the alternative designs considered).
4. *Adopted Design*: Present the adopted mechanical design (LDD or physical model). Make sure your design is *\*fully\** documented (drawings, evolution of design, justification, features, etc.). These should be placed in the *Hardware Design Document*.
5. *Software Architecture*: Your software architecture should now be fully developed, and fully described in your *Software Design Document*. Start with a brief review of the high level design you presented in Week 2 and describe the corresponding class hierarchy that will be used to implement it. Although you may not have completed the design and implementation of your class hierarchy, the API (Application Programmer Interface) should be completely defined for each class. It is strongly suggested that you use JavaDocs for this purpose.
6. *Testing*: Describe the status of your testing. By now testing should have been completed on sensor responses for the ultrasonic and light sensor, and you may have done some unit testing on several classes. Some more advanced groups might also have started integration testing by putting together several classes and validating correct function (e.g. Lab 5). There should be a *Software Test Document* that tracks the status of your testing.

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