ECE 18-649
Final Project Report
Starting Point

December zz, 2015

Group # gg

Member Name 1

Member Name 2

Member Name 3

Member Name 4

File Name MUST BE: GP_final_pres.ppt
(e.g., 05_final_pres.ppt)

SPEAKER NAME GOES HERE

Overview

- Format
- Grading criteria
- Content
  - Project statistics
  - Design of one control object
  - Lessons learned & major open issues
  - Suggestions to future students

Format

- Stay on time!
  - ***Whole presentation: about 12-14 minutes***
    - ***You will be cut off at 15 minutes***
  - Each group member: ***at least 2 minutes***
- Cover all of the content!
  - Title slide w/ group # & member names
  - Outline slide
  - Content slides (suggest 8-10 total)
    - Project statistics – mid-semester & final statistics
    - Talk about cool aspects of at least one control object
    - Lessons learned & open issues
    - Suggestions to next year's students
    - Slide template is flexible, but must be legible
      - Use slide numbers!
      - Don't bring printed handouts to class

Grading Criteria (20 pts)

(15pts) GROUP PERFORMANCE

(5pts) Quality of the technical content

- Do you provide the information we asked for?
- Does the technical material make sense?

(5pts) Materials

- Are the slides well prepared?
  Was the file in format: 00_final_pres.ppt
  Are the fonts readable, including pictures?
  Does every slide have a slide number?
  Does every arc have a human-understandable label?

(5pts) Time budgeting

- Was time budgeted effectively given the time limit?
- Were all team members given at least 2 minutes to speak?

(5pts) INDIVIDUAL PERFORMANCE

(5pts) Presentation

- Loud enough to be heard? eye contact? familiarity with material?

Project Statistics

- *COMPARE mid-semester and now (use a table)*
- Number of scenarios/sequence diagrams
  - Number of sequence diagram arcs
- Number of lines of requirements
- Number of Statecharts
  - Total number of states
  - Total number of arcs
- Number of lines of non-comment code
- Number of test files written
- Number of revisions (change log entries)
- Number of peer reviews; defects found via review; peer review defects fixed
- Number of defects found via test & other; number fixed

Design of One Control Object

- DoorControl, DriveControl, or Dispatcher
  - Pick the one you want to talk about
  - Pick your best module (most complete, most cool, etc.)
  - If your monitors are amazing, talk about that instead; it's up to you
- Talk about the new parts of your design since mid-semester
  - Statecharts
  - Testing
  - Interactions with other modules
  - Focus on the parts you think will be most interesting to other students

Lessons Learned

- Problems that you have already solved
  - How they came up
  - What did you do to solve them
- Which strategies (team, technical, etc.) have worked well, and which have not?
- In retrospect, which aspects of testing, peer reviews, other worked best?
- Make these slides advice for next year students!

Common Presentation Errors #1

- Bullet items more than one line long
- Fonts smaller than 16 point
  - Diagrams with fonts too small to read
    - This font is pretty tiny and should only be used for details (16 pt)
    - This font is too small and shouldn't be used (14 pt)
  - Powerpoint auto-shrinks things, so be careful!
- Poor personal presence
  - Wearing outdoor coats, hats, torn clothing
  - Chewing gum
  - Talking to front row instead of back row

Common Presentation Errors #2

- Poor time management
  - Each team member must speak for 2+ minutes
- Statecharts with illegible arcs
  - Almost always, this means putting transition conditions under diagram, not in diagram
  - It's OK to be creative so long as you are legible
- Forgetting to put speaker name on each slide
  - (Helps the TAs know who they are grading)

Logistics

- Sunday before presentations
  - 5 PM hand in slides
  - Send them via E-mail to ece649 staff e-mail list
  - No changes after that permitted unless required by staff
    (e.g., “make fonts on slide 7 bigger”)
    but, points deducted if we must do that
    - **Embed fonts** so they render properly!
    - Use Acrobat or Powerpoint with proper file name(!)
- See course web page for time slots
  - We are not going to manage time swaps
    - If you want to swap, you must arrange it yourself
    - Document time swaps in advance via e-mail to course staff
  - Try to leave a little time for Q&A at end of talk