

ECE 18-649

Mid-Term Project

Presentation

Oct zz, 2015

Group # gg

Member Name 1

Member Name 2

Member Name 3

Member Name 4

File Name MUST BE: GP_mid_pres.ppt
(e.g., 05_mid_pres.ppt)

SPEAKER NAME GOES HERE

Overview

- Format
- Grading criteria
- Content
 - Project statistics
 - Complete design of one control object
 - Lessons learned
 - Open issues
 - Predictions
 - Suggestions
- Present the mid-semester project elevator (Project 7)

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 (8-10 total)
 - Project statistics
 - Complete design of one control object
 - Lessons learned
 - Open issues
 - 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_mid_pres.ppt
Are the fonts readable, including pictures?
Does every slide have a slide number AND presenter name?
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

- 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)
 - ***This does not mean*** simply change control check-outs!
- 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
 - DoorControl – Groups: 1,4,7,10,13,16,19,22
 - DriveControl – Groups: 2,5,8,11,14,17,20,23
 - Dispatcher – Groups: 3,6,9, 12,15,18,21,24
- Walk-through complete design
 - Scenarios
 - Sequence diagrams
 - Requirements
 - Statecharts (include transition conditions!)
 - Code
 - Testing
 - (IF design too complex, talk about representative portions for each of above design phases)

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?

Optional: Open Issues

- Problems that you have not yet solved
 - How they came up
 - What you have tried to fix them
 - What your plan will be for tackling them
OR why they will remain open issues

- What do you anticipate will be the biggest challenge going forward?

- Include this slide if you think you have time. If you omit this slide that's OK

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
 - Staring at instructor instead of talking to class
(TAs grading will be in the back row)

Common Presentation Errors #2

- ❑ Poor time management
 - Each team member must speak for 2+ minutes
 - ❑ ... but must also leave time for other team members
 - We'll give you a 2 minute warning for talk end
- ❑ Statecharts with illegible arcs
 - Usually this means putting transition conditions in a table under diagram, not inside diagram
- ❑ Forgetting to put speaker name on each slide
 - (Helps the TAs know who they are grading)
- ❑ Using the wrong file name
 - Creates problems when finding your file to open for the talk

Logistics

- At deadline before presentations
 - 5 PM hand in slides
 - [Send via E-mail to ece649-staff@lists.andrew.cmu.edu](mailto:ece649-staff@lists.andrew.cmu.edu)
 - No changes after that permitted
 - **Embed fonts** so they render properly!
 - Use Acrobat or Powerpoint (Powerpoint 2003 .ppt!)
 - Don't embed movies or do anything fancy
 - Use the file naming convention!
- See course web page for time slots
 - We are not going to manage time swaps
 - If you want to swap, you must arrange
 - Document time swaps by Friday noon before presentations via e-mail to course staff