ECE 18-649
Mid-Term Project
Report Starting Point

Group #
Member Name 1
Member Name 2
Member Name 3
Member Name 4

Overview

- Format
- Grading criteria
- Content
  - Project statistics
  - Complete design of one control object
  - Lessons learned
  - Open issues
  - Predictions
  - Suggestions

Format

- Stay on time!
  - ***Whole presentation: 12-16 minutes***
    - ***You will be cut off for Q&A at 16 minutes***
  - Each group member: ***at least 3 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
      - Don't bring printed handouts to class

Grading Criteria (25pts)

(15pts) GROUP PERFORMANCE

(5pts) Quality of the technical content

- Does the work meet the technical objectives?

(5pts) Materials

- Are the slides well prepared?
  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 3 minutes to speak?

(10pts) INDIVIDUAL PERFORMANCE

(5pts) Presentation

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

(5pts) Questions

- Ability to answer at least one question from instructors or audience?
  (includes relation of material presented to material covered in course)

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)
- Number of defects found; number fixed

Design of One Control Object

- DoorControl, DriveControl, or Dispatcher
  - DoorControl – Groups: 1, 5, 6
  - DriveControl – Groups: 2, 7, 8
  - Dispatcher – Groups: 3, 4, 10
- Walk-through complete design
  - Scenarios
  - Sequence diagrams
  - Requirements
  - Statecharts (include transition conditions!)
  - Code
  - Testing

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?

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?

Common Presentation Errors

- 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)
- Poor personal presence
  - Wearing outdoor coats, hats, torn clothing
  - Chewing gum
  - Talking to front row instead of back row
- Poor time management
  - Each team member must speak for 3+ minutes
  - We'll give you 5 & 2 minute warnings for talk

Logistics

- Fri. 29-Feb-08
  - Draft hand-in is part of Proj 6 assignment on 28 Feb
  - Bring draft powerpoint printout to TA meeting
  - Acrobat or OpenOffice also OK, but must project from instructor's laptop (so, nothing exotic!)
- Sun 2-Mar-08 at 9:00 PM
  - Submission deadline for final powerpoint
  - 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
- See course web page for time slots
  - All group members must attend their own presentation