**University of Puerto Rico, Mayagüez Campus**
**Electrical and Computer Engineering Department**
**ICOM 5047 – Computer Engineering Design**          Date _____
**Spring 2010**

# ORAL TEST "HAPPY HOUR" EVALUATION

Student's Name: _____

Project Title: _____

Area in the project where the student spent most of the time: _____

Design
- Documentation (30)
    - No documentation supporting the design (-30)
    - Documentation is not appropriate (not completed) (-25)
    - There is documentation but it is flawed. Badly designed. (-20)
    - Student presents documentation but not in a professional manner (-15)
        - Flowcharts, class diagrams, and any other software or firmware diagrams, as well as hardware schematics must be done using a CAD program. Hand drawn diagrams are not accepted. Must follow standards and conventions.
    - If the student is designing software,
        - he/she did not present the use case diagrams (-15)
        - he/she did not present the class diagrams (-15)
        - he/she did not present the interaction diagrams (-15)
        - he/she did not define the interfaces (-15)
        - he/she did not show the flowchart (-15)
        - the use case diagrams are inadequate(-10)
        - the class diagrams are inadequate (-10)
        - the interaction diagrams are inadequate (-10)
        - the interfaces are inadequate (-10)
        - the flowchart are inadequate (-10)
        - the ER diagram is missing (if applicable) (-15)
        - the ER diagram is not correct (if applicable) (-10)
    - If the student is designing firmware, he/she did not show the flowchart (-15)
    - If the student is designing firmware, the flowchart is inadequate (-15)
    - If the student is designing hardware,
        - he/she did not present global detailed hardware schematics (-15)
        - he/she did not present detailed module hardware schematics (-15)
        - he/she presented inadequate global detailed hardware schematic (-10)
        - he/she presented inadequate detailed module hardware schematics (-10)
- Specifications (30)
    - Student's part does not comply with original proposal or with corresponding approved change forms. (-30)
    - Student's design does not follow proposed standards. (-20)
    - Student's design does not follow required standards. (-20)
    - Student's has not started assembling Hardware without reasonable justification. (-20)
    - Student's has not started coding Software without reasonable justification. (-20)
    - The student has not evaluated different alternatives (-15)

- Understanding (25)
  - The student does not demonstrate understanding of his/her design (-25)
  - The student does not demonstrate understanding of how his/her design integrates with the whole system (-20)
  - The student does not demonstrate understanding of the scope of the project (-15)
  - The student cannot answer questions demonstrating proficiency in his/her part (-15)
  - The student does not show knowledge required for his/her part of the design (-15)
  - The student does not describe the problems associated with the design and how he/she solved them (-15)
- Proactivity (15)
  - If designing hardware, the student does not know the price or suppliers of his/her part (-15)
  - If designing hardware, the student has not ordered the parts (if justified, ok) (-10)
  - The student has not kept the schedule according to the Gantt chart and there is no valid justification of why (-10)
  - If project manager, he/she has not followed the status of or maintained communication with the group (-10)

Comments:




Contribution (Factor_____)
   ___Enough contribution (Multiply the total number of points by 1)
   ___Some contribution (Multiply the total number of points by 0.7)
   ___Not enough contribution (Multiply the total amount of points by 0.5)
   ___Not contribution (Multiply the total of points by 0.0)


H/H
Grade