

Computer Information Systems System Design

Each group will pick out a system to design. The system must include at least three large modules for minimum credit. The more large modules there are, the higher the number of points. A large module is defined as a flowchart of at least one page of roughly 40 symbols. There should be at least one loop and two if-then-else structures per major module. The system must also include one menu that calls the individual modules. You may use either a case structure or a nested if-then-else structure to select the different menu options.

Make sure that you pick a system that you are comfortable with as you will be using this system for a number of different assignments. After selecting the system you wish to use, you must get the concept (unless it is one of those listed below) approved by Mr. Hanley. Possible systems: **racing game, role playing game, high school sports tracking system, high school grade tracking system, retail sales system, or lawn mowing business system.**

There will be a confidential partner evaluation form that each team member **MUST** fill out before any points will be awarded. The eval form will be done via the examview test program. It is Flowcharting Team Eval and the password is cis2006. The team members should fill out the evaluation form before the scoring guide is turned in and they should fill out the form without letting the other team members see their responses. A copy of this scoring guide must be turned in for each team member.

Below is your scoring guide and there are items that you must fill out. If the items are incorrect or missing, you will not receive any points for that section.

| | |
|--|--|
| Student Name | |
| Project Name | |
| Average # of loops | |
| Average # of selection structures | |
| Number of modules | |

| Item | Minimum requirements for points | | | | |
|---|---------------------------------|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 |
| Number of modules | | | 3 | 4-5 | 6+ |
| Number of main modules missed in the main menu | 4 | 3 | 2 | 1 | 0 |
| Average # of loops | | | 1 | 2-3 | 4+ |
| Average # of selection structures | | | 2 | 3-4 | 5+ |
| Creativity of the project (instructor's choice) | | | | | |
| Number of incorrect symbols used | 9-10 | 7-8 | 5-6 | 3-4 | 0-2 |
| Other errors in flow chart | 9-10 | 7-8 | 5-6 | 3-4 | 0-2 |
| Partner points | 1 | 2 | 3 | 4 | 5 |

Total points possible: 40

Total points earned: _____

Percentage: _____