Principles of Business Information Systems

Hands-on activities – Chapter 12

1. Point Evaluation System

A point evaluation system assigns a weight in percentage points based on importance instead of a monetary value to a decision. Then each proposed information system is evaluated in terms of the points and given a score that might range from 0 to 100, where 0 means the alternative does not address the feature at all and 100 means the alternative addresses that feature perfectly. The scores are totaled and the system with the greatest total score is selected. Use Microsoft Excel or similar to evaluate a Point evaluation system to determine which car you should purchase. You can add factors that will assist you in your decision to column 1.

	Honda	Ford
Factor	**Evaluation Score**	**Evaluation Score**
Heated Seats		
Maintenance Costs		
Adjustable Mirrors		
Favorite Color		
Totals		

2. System Controls

Most IS departments establish tight system controls to maintain data security. System controls can help prevent computer misuse, crime, and fraud by managers, employees, and others.

The controls include:

- Input controls
- Output controls

- Processing controls
- Database controls
- Telecommunication controls
- Personnel controls

List the controls that are already in place at your school or place of work. What types of controls do you think need to be in place at a school? Think about the equipment at the school, securing your personal information on the computer, allowing students to access and modify their grades.