

CIS 321– Systems Analysis and Design
Assignment 6

Overview:

As one of the faculty members on campus, I have a responsibility outside of just teaching class where I keep track of students who are interested in internships or seeking employment for the department. Many different times employers will contact faculty members directly for recommendations of specific students to be recommended for specific positions.

Some of the information that needs to be recorded (*this is information that I currently record*) about students are their contact information (include student ID number), a student resume must be submitted (when updated the student must provide a new resume so that an old resume is not submitted to a prospective employer), I must know whether the current semester is the student's graduating semester, if NOT the student must specify their expected graduation and if they have taken and passed CS 372 (grade must be specified), lastly the student must also provide their GPA.

From employers (*again, this is something that I currently enter not employers themselves, they email me*) the information that we gather correspond with the level of experience that they want a student to have. Many times employers will want students who are about to graduate or close to graduation. Therefore, this is information that is pertinent for us to find a candidate for the position. If there are specific skills or knowledge that the employer is looking for that also must be submitted. Employers must also identify how they would like for us to provide them with recommendations; there are a few different options that normally take place:

1. Have a student contact them directly with a resume and cover letter.
2. Have a student provide me with resume and cover letter and I forward the information.
3. I must collect information on a handful of students before submitting the documents to the employer.

Lastly, we must know when the employer wants the recommendations by (deadline), the employers DO NOT have access to see student information, and they must be contacted by email based on their preference of 1-3 above. Of course from employers we would also want to know the employer contact and the position that they are seeking for.

Instructions:

1. Using your book and the internet as a guide, list out five items that you believe are the most important to take into consideration when designing forms/reports. (Note: if these are the most important, you need to be sure you take them into consideration during your design.)
2. Design a sample data entry screen for a system that will allow students to electronically submit their information for the purposes of being tracked for possible opportunities.
3. Design a sample data entry screen for a system that will allow employers to submit their requests to have recommended students considered for a position.

Use the guidelines from Table 11-6 to assist in the two above designs.

4. For each of the above designs (2 & 3) support your design with arguments for each of the design choice you have made.
This should be provided in paragraph format after each of the designs.
5. For each of the above designs (2&3) describe some typical dialogue scenario between the user and the system they are interacting with.