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CIS 211 - IT project management

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As a college student, finding the right job can be challenging, especially when balancing academics, extracurricular activities, and personal life. Developing an efficient job-finding system tailored to our student population would help streamline the process and make job searching more accessible. I would collect requirements for the system and include a traceability matrix to ensure all important features are considered during development.

I would like to use several techniques to gather requirements.

First is requirements gathering method or data gathering. This technique includes four different approaches such as Interviewing, Brainstorming, Focus Groups, and Questionaries.

Interviewing is applicable when interviewers have access to stakeholders and can interview them about the product, their needs, and concerns. I would distribute a survey to a variety of students from different majors and year groups. This survey would ask students about their current job search methods, what job they are looking for, and their previous experience. The survey results would provide a broad understanding of student needs.

In the brainstorming process, the gatherer is generating ideas and questions for the group to discuss.

Asking questions from the focus group is another excellent method to make sure that the requirements are correct and match with users’ expectations. I would organize focus groups where a smaller group of students can discuss in-depth their experiences and expectations regarding job searches.

Questionaries or surveys are another good tool to collect the users’ needs by preparing the list of questions.

Second is data analysis technique. By analyzing different platforms, documents, and feedback from surveys we can conclude the requirements. I would like to investigate Glassdoor to analyze what they offer and how well they serve students. This will help identify which features are most popular and useful and where improvements can be made.

Prototype technique is one of the most visual and “touchable” for the users. We can prepare the model and show it to stakeholders and users and get really, not abstract feedback.

By collaborating with these methods, we can gather valuable feedback and requirements. The next step is categorizing and prioritizing them in the proper order.

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| Requirements  ID | Name | Category | Source | Status |
| R1 | Personalized Student Profiles | User Interface (Web-design) | Survey (Focus Group Students) | In progress. |
| R2 | Simple Navigation for Browsing and Applying for Jobs | User Experience | Prototype technique (showing prototype to stakeholders) | In progress. |
| R3 | Job Alerts | Notification System | Focus Group (Students) | In progress. |
| R4 | Career Services Integration for Listings | System Integration | Data Analysis (analyzing Glassdoor) | In progress. |
| R5 | Application Tracking | Task Management | Analysis | In progress. |
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