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SOFTWARE ENGINEERING
CS 487

Prof. Dennis Hood

Computer Science

Homework #1

- Consider an AI-bot requirements engineer (AI-RE) which will be used by a software engineering team.
    1. Remove the ambiguity of each of the following requirements:
        a. "AI-RE must proactively identify high-level requirements based on an assessment of the current request as compared to previously analyzed systems."
        b. "AI-RE must interact with users to identify a complete set of their requirements."
        c. "AI-RE must document each requirement as a concise and unambiguous statement."
    2. Document test cases for each of the above requirements.
    3. Propose an H-C-I "protocol" for AI-RE to interact with both users and engineers. Explain how it:
        a. "Hears" and comprehends user statements.
        b. Handles "follow-up" questions from engineers.
- Submit your response document (.doc or .pdf) by Sept. 14th.