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SOFTWARE ENGINEERING
CS 487

Prof. Dennis Hood

Computer Science

Homework #1

- Consider an automated (robot) tutor which helps a student with their assignments (but avoids doing the work for the student).
  1. Clarify each of the following requirements to minimize ambiguity:
     a. "Robo-tutor must explain concepts effectively."
     b. "Robo-tutor must recognize a student mistake and explain the error without 'giving away' the answer."
     c. "Robo-tutor must make learning fun."
  2. Document a test case for each of the clarified requirements (definitively determine correctness).
  3. Propose an H-C-I "protocol" to allow a student and a robo-tutor to effectively interact:
- Submit your response document (.doc or .pdf) by Feb. 3rd