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SOFTWARE ENGINEERING

CS 487

Prof. Dennis Hood
Computer Science

Homework #1

- You are developing an automated COVID warning system for campus
 - The system shall detect a suspected “carrier” and alert the campus
- Document an analysis of the problem
 1. Document 2 *functional* requirements in *unambiguous* and *measurable* terms
 2. Document 2 *non-functional* requirements to capture “how well” the system must work
 3. Document a set of test cases (initial state, execution steps, final state) to *prove* that the system satisfies each requirement
 4. Describe a process for the automatic capture and reporting of metrics for analyzing the system’s performance relative to these requirements
- Please submit your response document (.doc or .pdf) to Blackboard by Feb. 5th