Mark Gameng

CS 487 – Spring 2022

**Homework 4**

**Design a patient care system (PCS) for a large hospital (many patient rooms on several floors)**

a) In-room sensors gather the status of all patients

b) Which notify PCS of exceptional health conditons

c) And notify human personnel of “exceptions”

d) Any patient emergency must be handled quickly

**• Deliverable**

1. Describe the purpose/scope of PCS (1 pt)

2. Develop a sensor-PCS protocol (1 pt)

3. Develop a PCS-human protocol (1 pt)

4. Develop test cases for each protocol (1 pt)

5. Plot human awareness for an event (1 pt)