Shall statements

1.) The user shall be able to enter their username and password into a terminal

2.) The system shall check the username and password to a database to allow a log in

3.) If the loggin is unscessful the user shall be returned to the login screen an presented with an error message

4.)If the loggin is successful the system shall bring the user to their designated screen either doctor or nurse

Doctor:

5.) The doctor loggin shall display panels with the names of their patients on them.

6.) When the doctor selects a panel the system shall bring the doctor to a new window that displays all patient information including diagnosis, and medications.

7.) The doctor shall be capable of changing all patient information.

8.) If the doctor prescribes medication that interferes with any current medication an alert shall appear and the doctor must then confirm the choice

9.) If the doctor prescribes valid medication the panel in the nurses terminal shall be illuminated.

10.) If any of the patient’s vitals move outside of a stable window the panel for that patient will flash to alert the doctor, and shall be dismissed by selecting that patient.

Nurse:

11.) The nurse loggin shall display panels with room numbers in their ward associated with the patient inside.

12.) When the nurse selects a panel, the system shall display selecte patient information for the nurse.

13.) When a perception is made by the doctor for a patient, the panel for that patient’s room shall be illuminated on the nurse’s terminal.

14.) When the medication has be administered the nurse will select the illuminated terminal and enter the time of medication and the panel shall no longer be illuminated.

15.) If any of the patient’s vitals move outside of a stable window the panel for that patient’s room will flash to alert the nurse, and shall be dismissed by selecting that panel.