# Software Verification and Validation
## Clarifying User Requirement

**Exercise Module Number:** RM12

*Instruction:* Identify what is wrong with each of the following as a SRS sentence. If it is wrong, discuss how we may correct it.

1. A nurse practitioner may write a prescription for a patient, but the prescription will need a doctor's approval to be filled. Once the nurse has posted the prescription for the patient, any doctor may respond and sign for approval, but the post expires in 24 hours if no doctor signs the prescription for approval.

2. The machine status is color coded for five different flagged situations. The user interface needs to allow user customization to select five appropriate colors to distinguish the situations, including the user's need to cope with possible color blindness.

3. As soon as the temperature recorded is above 750°F, the system must initiate the broadcast of an alert message to all sub-stations in 0.5 seconds.

4. The inventory re-order procedure may be invoked by any of the following events: (a) manual initiation by an operator; (b) current level of inventory; or (c) anticipated need due to scheduled production within the duration of order lead time.

5. Although required by law, the patient's SS# will not be used to index patient records. Instead, each patient has his/her own unique patient ID#.