Chapter 9 Challenge Solution

Solution

The following is a sample of potential acceptance criteria for a project of this nature. Scheduling of facilities – for each facility type:

- Each facility type should be tested to confirm that an available room can be reserved successfully.

- A view that shows available rooms at any given moment should be tested and produce accurate results.

- Overall booked capacity for each facility type should be provided (i.e. 82% of procedure rooms are booked for next Tuesday).

- If you attempt to book a room that is unavailable, an error message will be provided and the system won't perform that action.

- Warnings should be provided whenever a given facility type reaches 95% capacity on a given day.

Scheduling qualified specialists – for each facility type:

- Each qualification type should be tested to confirm that a person can be booked to perform specialist services during times that they are available.

- If you attempt to schedule a specialist during that person's non-work hours, an error will be provided and the system won't perform that action.

- A view that shows which specialists are available at any given moment should produce accurate results.

- Overall booked capacity for each specialist type should be provided (i.e. 65% of certified x-ray technicians are booked next Tuesday).

- If you attempt to book a specialist who is not available, an error message will be provided and the system won't perform that action.

- Warnings should be provided whenever a given specialist type reaches 95% capacity on a given day.

Exchange of data between scheduling and accounting systems:

- Accurate costs are reflected in the accounting system, matching the room and specialist bookings transmitted from each of the scheduling systems.

- Duplicate entries for any timeframe, for a room or a specialist, should be flagged as an error (i.e. a specialist's costs are reflected in two places at once in the accounting system after the data transfer).

- If an error in transferring data occurs (like a power outage during the transfer), a message will be provided stating that data needs to be retransmitted.

Note: The actual detailed acceptance criteria should come from the requirements documents, change orders, and agile task cards and reflected in the acceptance criteria.