**FUNCTIONAL CRITERIA**

**Business Case: Conference Room Reservation System**

Currently in order to reserve a conference room, the requestor must call a help desk to secure a room. The business has three buildings, which have available space for conference room reservations. There are 10 rooms in each building that can be reserved. Each conference room has an occupancy limit of 10 people. Outside the door of each conference room is a touch screen display that lists the conferences scheduled for that room. The display includes the following: a) time of reservation; b) title of the conference; and c) the requestor in the format of *“0000-0000 Conference* *Title Lastname”*.

As a **Requestor**, the display panel (vendors are only required to simulate data payload) are outside of the conference room shall present/display conferences scheduled for that room and day in the format of *“0000-0000 Conference Title Last name”*. The display panel shall utilize API for the query service for updates.

**Acceptance Criteria:**

1. Requestor is able to see updated conference room schedule in the above-defined format displayed on the panel (through simulated data payload).

As an **Administrator**, I shall be able to Add/Modify/Delete users, update available conference rooms, and change the Audio/Visual equipment list.

**Acceptance Criteria:**

1. Administrator is able to add, modify, and delete conference room users.
2. Administrator is able to update available conference rooms.
3. Administrator is able to update the A/V equipment list.

As a **Reservation Manager**, I shall be able to access to a report for occupancy and vacancy rate of each conference room, which is exportable with data depicted as a histogram.

**Acceptance Criteria:**

1. Reservation Manager is able to create detail online reports including the ability to export data including graphs that shows the occupancy and

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vacancy rate for each conference room.

As a **Requestor**, I shall be presented if I attempted to book two conference rooms at the same time. *(Detect scheduling conflicts)*

**Acceptance Criteria:**

1. Requestor is presented a graceful message notifying scheduling conflict when attempted for scheduling a conference room.
2. The system should detect scheduling conflicts.

As a **Requestor**, I shall have information about the conference room presented during the reservation process: building, room number, and available A/V equipment.

**Acceptance Criteria:**

1. Status of a conference room presents the following information:
   1. Building
   2. Room
   3. Available A/V equipment.

As a **Requestor**, I shall be notified that scheduling a conference room is prevented for reservations exceeding three (3) hours.

**Acceptance Criteria:**

1. Requestor is presented a graceful error message when a Requestor attempts to schedule a conference room for more than 3 hours.
2. The system only allows scheduling of conference room up to maximum of 3 hours.
3. The system gracefully recovers the attempt.