USF Revature Rooms – High Priority

# Description:

Lists all the Revature training rooms, discussion rooms, meeting rooms, both in NEC and BSN locations and map them to their respective batches.

# Requirements:

## Base Requirements:

There must be two types of users: trainers and admins.

A campus can be added/modified to the system.

Locations can be added/modified within each campus.

Rooms can be added/modified within locations.

## Login Requirements:

The login system must connect to a database of registered users. Trainers may register accounts. Admins must be specifically entered by a higher authority in the system.

## User Requirements:

Admins must be able to create and modify rooms and room availabilities.

Trainers must be able to request rooms and view current room assignments.

Both types of users must be authenticated by a login system.

Trainers can view current room assignments, and if open, make requests for rooms.

These rooms can be booked in any number of hour time slots available. The time slots will be shown with a calendar. Admins can approve or deny these requests, or the system can simply take any requests and approve them, automatically locking the rooms for the requested time slots (either way, as mechanically requested).

## Room Requirements:

Rooms will detail their room number, max number of supported students, details about the amenities provided within the room, and any current requests or bookings currently assigned to the room. (If possible, additional functionality can be added, such as a map overview of the room on the campus - using either provided maps or GPS).

# User Stories:

* As a user, I can register to be a trainer.
* As a trainer or admin, I can log in to the system.
* As a trainer, I can view all rooms.
* As a trainer, I can request a room booking.
* As an admin, I create locations, campuses, and rooms.
* As an admin, I can approve or deny room requests.

# Wire Frame Diagram:

