

User Stories

Title: João should be able to see if the library has empty slots or not.

Business/User Value: As João I want to see if there are any empty rooms in the library because I want to study with my colleagues.

GIVEN I enter the web page AND I navigate to the rooms list page WHEN I select the library option in the combo box THEN I see which floors are not full, and so, still have seats available for studying.

DEV NOTES The sensors keep tracking of the occupancy of every floor.

DESIGN Notes We can use colors to represent the state of a room. White for rooms that still have space available and red for those that have already been fully occupied.

Title: Anthony should be able to add more rooms and sensors.

Business/User Value: As Anthony I want to add more rooms and sensors to the system.

GIVEN I enter the web page AND I login into my admin account AND I navigate to the configurations page WHEN I click on "New Room" or "New Sensor" buttons THEN I see a blank form with the required information required for a room or sensor AND I see a "Submit" button.

Title: Anthony should be able to associate a sensor to a room.

Business/User Value: As Anthony I want to associate a recently created sensor to a room.

GIVEN I enter the web page AND I login into my admin account AND I navigate to the configurations page WHEN I click on "Edit Room" THEN I see a form where there is a space to add a sensor to a specific room.

Title: João should be able to see how many seats are available in a department.

Business/User Value: As João I want to see how many seats are available in DETI because the library was already occupied.

GIVEN I enter the web page AND I navigate to the rooms list page WHEN I select a department in the comboBox THEN I can see the availability of every room in that department

DEV NOTES Filter the rooms in the table that belong to the selected department.

Title: Anthony should be to see all notifications received by the system.

Business/User Value: As Anthony I want to check all the notifications received by the system so that I can check which rooms are full and insert new rooms.

GIVEN I enter the web page AND I login into my admin account AND I navigate to the configurations page WHEN I click on "Show all notifications" THEN I see all the notifications received.

DEV NOTES The notifications show the rooms that reach maximum capacity.