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| **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. Green for rooms that still have space available and red for those that have already been fully occupied. |

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| **Title**: Pedro should be able to see if a room is being cleaned or not.  **Business/User Value**: As Pedro I want to see which empty rooms were recently cleaned or are being cleaned at the moment.  **GIVEN** I enter the web page  **AND** I navigate to the rooms list page  **WHEN** look through the table filtered by ‘cleaning’ or ‘cleaned’ state (chosen on a comboBox)  **THEN** I see which rooms are on the specified state  **\*\*DEV NOTES\*\***  Filter the rooms in the table according to the specified state.  **\*\*DESIGN Notes\*\***  We can yellow a room that is being cleaned and blue for a clean one. |

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| **Title**: António should be able to see how many seats are available in a department.  **Business/User Value**: As António 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.  **\*\*DESIGN Notes\*\***  **…** |

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| **Title**: Gonçalo should be able to reserve a room in the library for a predetermined amount of time.  **Business/User Value**: As Gonçalo I want to search for a free room to work on a project with my classmates.  **GIVEN** I enter the web page  **AND** I log in and navigate to the Room Reservations page  **WHEN** I fill a form with my info and amount of time I want to use the room  **THEN** I just need to submit my request, and the room will be reserved in that period.  **\*\*DEV NOTES\*\***  Save the request in the database’s reservation’s table.  **\*\*DESIGN Notes\*\***  Load the Reservations for this user above the table of rooms.  Add Option to cancel a reservation or increase its time. |