Working Prototype Problems Report, ClassroomFinder, 3/14/2023

- Some floormaps are missing, as we haven't found them. The website will then show a default picture.

Functions not working correctly:

- showFloorMaps(building) in /src/components/homebody/index.jsx
  - Error in database where certain rooms contain floor numbers that do not match the map. This makes it so the floor map won't load correctly. For instance, entering the room: Thimann Lecture Hall 003 in the room search bar will result in no floor map appearing since Thimann Lecture Hall only has one floor. The same error will occur if you were to search by class for CSE101-01 which is in that same room
    - This error occurs as a result of line 366 in the function

    ```
    if (currentRoomNr.floor != null &&
    floorFileNames[currentRoomNr.floor][0]) {


    document.getElementById("floor-dropdown-select").value =

        floorFileNames[currentRoomNr.floor][0]
    ```

    Removing this function fixes the problem, however it then removes our functionality of loading the correct floor. The ideal fix would involve modifying the script in the database that assigns floor values.

  - Some floor pins do not match up to correct room
  - Floor pin may not disappear on floor map change
    - Say you search for Jack Baskin Engineering 165, which will load floor 1 with the pin on the room. If you switch to floor 2 the pin will still be there which can be misleading.

Script-related bugs:

- scrape_class_data.py
  - Some Rachel Carson Academic rooms on the Class Search have two spaces between "Carson" and "Acad" (so the room name shows up as "R Carson Acad" (with two spaces) instead of "R Carson Acad" (with one space). As of right now, these inconsistencies are fixed by hand as there are only a few erroneous entries, but the scraping script can definitely be modified to fix it automatically while scraping from the Class Search.