Employee Manager Application Version 2 Test Plan

Overview:

Testing the functionality of the Version 2 "Employee Manager" web application

Links:

- Application Link and Requirements:
    - https://devmountain-qa.github.io/employee-manager-v2
- Trello Board:
    - https://trello.com/b/pSbrWVAF/checkpoint-3-project-employee-manager-v2
- GitHub Link:
    - https://github.com/JPLABRADOR/Checkpoint-3-Project

In-scope:

- Employee list modifications
    - Edit the employee text info
- Save/Cancel/Delete button functionality
    - Verify the save and cancel button functionality after text edits and also deleting an employee entry
- Error messages and underlined in red invalid fields
    - Saving invalid field entries
- Search field and clear button functionality
    - Input text to the search bar and empty the field using the clear button

Out-of-scope:

- Everything is in scope

Test Cases/Automation:

- Employee Editor: Valid Data, Cancel Button
    - Verify editing an employee file with valid data, and using the "Cancel" button to revert the file back to its former state with no changes
- Employee Editor: Valid Data, Add Employee, Search Box, Save/Clear/Delete Button
    - Verify adding a new employee with valid data, searching for the new employee and deleting the newly created employee listing

- Employee Editor: Invalid Overfilled Name Input
  - Verify error message and invalid input underlined in red for the "Name" field
- Employee Editor: Invalid Empty Name Input
  - Verify error message and invalid input underlined in red for the "Name" field
- Employee Editor: Invalid Overfilled Title Input
  - Verify the overfilled title cannot be saved, an error message is given and the invalid input field is underlined in red for the "Input" field
- Employee Editor: Invalid Single Space Character Name Input
  - Verify the "Name" field cannot be saved with single space character, making the name field invisible
- Employee Editor: Invalid Single Space Character Title Input
  - Verify the "Title" field cannot be saved with single space character, making the title field invisible

API Testing:
- Test 4 different request types: GET, POST, PUT and DELETE

Entry Criteria:
- Testing environment established (Chrome on Windows)
- Test plan and Trello board created
- Requirements for the Add Employee option, Save, Cancel, Delete buttons and the input fields for every employee, Search field and Clear button provided

Exit criteria:
- Sufficient testing of the API, input field requirements, Save/Cancel/Delete/Clear button functionality, add employee option, error messages and invalid fields underlined in red
- Test cases were executed and the results documented on Trello
- Bugs were documented and reported on Trello

Patched and Confirmed Bugs:
- Bug: Clicking Other Employee's Name Saves Changes
  - https://trello.com/c/3ZDMssDv
- Bug: Employee ID Number Negative
  - https://trello.com/c/JNDnJM5c
- Bug: "Title" Field Can Be Overfilled and Saved
  - https://trello.com/c/HWrfAujy

Other Bugs:

- Bug: No limit on entry length - Copied this card from https://trello.com/c/9R2vJbpH
  - Comment by Jeremy Labrador: Partially patched. "Title" fields can still be overfilled and saved. Moving this bug to done and adding another bug report with just the "Title" issue. Will link both the new and old bugs together for tracking purposes. I have created two different bug reports addressing this issue: https://trello.com/c/hM6uY1xI https://trello.com/c/OikS0wkK

Other Patched and Confirmed Bugs:

- Bug: Changes saved when navigating away
  - Copied this card from https://trello.com/c/UsRp9QY6
  - Duplicate patched bug: https://trello.com/c/kgV8zo7i
- Bug: Mock Employee List
- Copied this card from https://trello.com/c/1p1749gz
- Review/Testing
  - Comment by Devmountain QA: "Kicked issue back, test data invalid. Not clear if the user can add negative ID numbers, or if Teresa Osborne was just entered incorrectly with -4"
  - Comment by Jeremy Labrador: Per the requirements document: "All fields except for ID are editable."
- The negative number for the "Teresa Osborne" ID has been changed to a positive number 4 in the latest update, version 1.1