Employee Manager v2 Test Plan

Overview:

Testing the functionality of the employee manager edit, search, delete, and save functions as well as API endpoint testing.

Links:

* <https://devmountain-qa.github.io/employee-manager-v2/build/index.html>
* Trello: <https://trello.com/b/BNF9K91G/employee-manager-v2>
* Requirements: <https://devmountain-qa.github.io/employee-manager-v2/>

Acceptance Criteria:

* A list of names within a database.
* Can click on names to review info for name phone number, email, title and employee ID number.
* Can input data for name, phone number, email, and title.
* Can add new employees to the database.
* Save, cancel and delete buttons are visible in editable area.
* Search bar above name list.

What’s included:

* Check save, cancel and delete functions.
  + Save will make any changes permanent Even when changing to a different entry. If info is invalid an error will appear and will not save the info. Changing entries without saving reverts to previous information.
  + Cancel reverts to last saved information.
  + Delete removes the entire entry from the database and removes the appropriate name from the list.
* Check Error Messages.
  + Character type restrictions, character length restrictions.
  + Error messages do not persist if changing to a different entry.
* Check add employee function.
  + Add employee button creates a new entry at the bottom of the list.
  + New entry should have “New Employee” in name and title, and ID should be one greater than the latest entry.
* Check search function.
  + Compares any input to all fields on all employees list that has a match.
  + Clear button empties search field and reverts to display all employees.
* Check API functionality.
  + API endpoint: <https://peaceful-inlet-88854.herokuapp.com/api/employees>
  + GET: will return an array of employees
  + Post: add an employee if the Body contains JSON with properties for id, name, phone, email, title.
  + PUT: Edit existing employee when sent to spi/employees/{employeeId} with parameters for name, phone, email, and title.
  + DELETE: deletes an existing employee when sent to api/employees/{employeeId}.

What is not included:

* Any additional database commands that were not already given.
* Validating email addresses.
* Testing if email is required.
  + Wasn’t specified.

Entry Criteria:

* Ability to access application in recommended environments.
* Can access database in recommended environment. (postman)
* Acceptance criteria is updated.

Exit Criteria:

* All features and functions have been tested.
* Bugs have been reported and linked in trello
* Any incomplete or unknown functions have been recorded and devs have been made aware.