## Employee Manager Test Plan

### Overview:

Front end user app for an employee management system. The application will load a list of employees and allow modifications. Testing Version 2  
Links:

* <https://devmountain-qa.github.io/employee-manager-v2/build/index.html>
* <https://trello.com/b/vbAfMT0c/employee-manager-project-version-2>
* <https://github.com/sahans2/checkpoint3>

### What’s included:

* Employee List
  + Load list of employees
  + Click on names to bring up employee information card
  + Allow modifications
* Add Employee (“Add Employee” option at the bottom will allow a new employee record to be created, defaulting with the name and title “New Employee”, phone number (111)111-1111, and an ID number one greater than the last employee created, so that IDs are never repeated.)
  + Add and save employee information
  + Creates employee card and ID
* Selected employee
  + ID   
    -Not Editable

-Whole number between 0 and 9999

* + Name

-Any characters allowed

-Maximum of 30 characters

-Allows modifications

* + Phone

-Must be a 10 digit phone number

-Accepted as regular digits or formatted as a US phone number

-Allows modifications

* + Title

-Any characters accepted

-Maximum of 30 characters allowed

* + Email

-Any valid email address

-Maximum of 30 characters

* Save, Cancel, Delete (The save and cancel buttons will only be accessible when modifications have been made.)
  + Save (When saving a change, it will persist as you access other records and navigate back to the desired employee.)

-If there are unacceptable entries in the fields, an error message will pop up advising the users as to the errors they need to fix

* + Cancel (The cancel button will revert the employee’s file back to the most recently saved version)
  + Delete (The delete button will remove the employee record, and is irreversible. A dialogue asking the user to confirm their desire to remove the record will be presented.)
* Search
  + The search bar will compare any inputs to all fields on all employees, and filter the employee list for any employee that has at least one match
  + The clear button will empty the search field and revert to display ALL employees
  + Adding, modifying, or deleting employees while the search field is populated will update the results

### What is not included:

* The Employee List will reside in a database and be accessed through API integration
* The API endpoint is currently https://peaceful-inlet-88854.herokuapp.com/api/employees
  + Basic API documentation is as follows:  
    -GET: will return an array of employees  
    -POST: will add an employee if the Body of the request contains a JSON with the properties id, name, phone, email, and title  
    -PUT: will edit an existing employee when sent to api/employees/{employeeId} with parameters of name, phone, email, and title  
     --Note, ID is not editable  
    -DELETE: will delete an existing employee when the request is sent to api/employees/{employeeId}  
    -Any request will return an array of the current employees in the database.

### Other details:

* Errors or bugs that may exist
* Overall usability and user experience
* Browser compatibility or app availability
* Version 2 Changes
  + Error messages fixed
  + Employee list
  + Search
  + Email field
  + Phone numbers validated
  + Error message pop up field
* Link to Trello project: <https://trello.com/b/vbAfMT0c/employee-manager-project-version-12>

### Acceptance Criteria:

* User fields edit and save
* Names are clickable and pull up employee card
* Save/Cancel/Delete button is only available when modifications have been made.
* Cancel will revert back to most recently saved file
* When making changings; it will persist as you move from record to record
* Every editable field must be populated to save
* Above info applicable for all information that can be edited
* Employee numbers are correct
* Added error messages for incorrect inputs
* The invalid field is underlined in red
* Fields cannot be saved while invalid
* Prior reported bugs/errors from version 1.2 have been resolved
* Passes API criteria testing

### Entry Criteria:

* Have access to app or url
* Have all acceptance criteria updated
* Tests created

### Exit Criteria:

* Passes all tests for acceptance criteria
* Final testing completed and passed