there are errors through out the slides.

----DEMO----

open up Trello

Give students the link to

devmountain-qa.github.io/employee-manager/1.0\_README.html

devmountain-qa.github.io/employee-manager/1.0\_Version/index.html

We will be writing a test plan based on the functionality section

In trello:

To Do

Employee Manager Test Plan (new card)

\*\*Overview\*\*

Testing the desired functionality of the Employee Manager App

\*\*Links\*\*

devmountain-qa.github.io/employee-manager/1.0\_README.html

devmountain-qa.github.io/employee-manager/1.0\_Version/index.html

\*\*Test Criteria\*\* (these features should actually work before we can start testing)

- make sure employees are listed

- clicking employee name will bring up details

- each employee should be able to be modified

- make sure all fields (not ID) are editable

- ID, Name, Phone, Title

- make sure that changes persist

- make sure that cancel reverts changes

- save and cancel buttons only available when needed

- IDs should be whole positive numbers

\*\*Entry Criteria\*\* (- things needed in order to actually start testing)

- Test criteria

- the application

- computer w/ browser

\*\*Exit Criteria\*\*

- All tests completed,

- Highest priority tests are passing

- The allotted time is up

\*\*Details\*\*

- App should be reasonably styled

Test Case: Employees are listed (new card)

This test will verify that the employee names are listed on the left hand side of the page

\*\*Steps\*\*

1. navigate to Employee Manager

2. check for the list of employees

\*\*Test postconditions\*\* (How to know if the test passes)

- We should see a list of the left hand side

Test Case: Employees Modifiable

Each employee should be able to be modified - name, phone number, title

\*\*Steps\*\*

1. Navigate to Employee Manager

2. Click an employee name on the left

3. Click in the name field and edit

4. Click in the phone number field and edit

5. Click in the title field and edit

6. Click the save button

\*\*Test postconditions\*\*

- We should have been able to edit each field

- We should be able to click save

- ID should not have changed

Test Case: ID Numbers

Each employees IDs should not be editable

\*\*Steps\*\*

1. Navigate to an employee

2. Validate their ID is not editable

\*\*Test Postconditions\*\*

- IDs persist after editing an editable field

**(START TESTING YOUR TEST PLAN)**

Tests: Passed

Tests: Failed

Test Case: ID Numbers (Add this note under activity)

Activity:

July 12 2021

browser: Chrome v91

OS: Windows 10

- Teresa Osborne ID -4

Bug Report: ID Numbers

Description:

The ID number for Teresa Osborne is -4

\*\*Steps to Reproduce\*\*

1. Navigate to Employee Manager

2. Click on Teresa Osborne

\*\*Expected Result\*\*

- Teresa Osborne's ID should be a number

\*\*Actual Result\*\*

- Teresa Osborne's ID is -4

\*\*Test Environment\*\*

- OS: Windows 10

- Browser: Chrome v91

(Take a screen shot and add it as an attachment)

Bug Report Archive:

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Open up v1.1 of the documentation

devmountain-qa.github.io/employee-manager/1.1\_README.html

NEW DOCUMENTATION TO LOOK AT

1. Clone this repository

git clone -b version-1.1 https://github.com/DevMountain-QA/employee-manager.git

2. Open it up in vscode

3. npm i

4. npm start

5. Re-evaluate the failed tests

To Do

Employee Manager Test Plan

\*\*Overview\*\*

Testing the desired functionality of the Employee Manager App

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- each employee should be able to be modified

- make sure all fields (not ID) are editable

- ID, Name, Phone, Title

- make sure that changes persist

- make sure that cancel reverts changes

- save and cancel buttons only available when needed

- IDs should be whole positive numbers

- Every editable field should be populated in order to save

\*\*Entry Criteria\*\* (- things needed in order to actually start testing)

- Test criteria

- the application

- computer w/ browser

\*\*Exit Criteria\*\*

- All tests completed,

- Highest priority tests are passing

- The allotted time is up

\*\*Details\*\*

- App should be reasonably styled

**(ADD NEW TESTS - TEST THEM OUT AS YOU GO)**

Test Case: All Fields Populated

When editing an employee's information, every field must be populated in order to save - no blank fields

\*\*Steps\*\*

1. Navigate to Employee Manager

2. Go through each employee and make sure every field is filled out

3. Click on a single employee

4. Edit phone number, delete all numbers

5. Attempt to save

\*\*Test Postconditions\*\*

- no blank fields in current data

- we are not able to save a blank field that was previously populated

**(THERE IS A SPELLING ISSUE - ADD ACTIVITY)**

July 12 2021

browser: Chrome v91

OS: Windows 10

test passed

- formatting of error notification is off

- the test isnt centered

- theres a space in "T he" that shouldnt be there

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v2

Documentation link:

devmountain-qa.github.io/employee-manager-v2

App link:

devmountain-qa.github.io/employee-manager-v2/build/index.html

endpoint testing

- Open up postman

1.) Create a collection

2.) rename to f3\_qa\_endpoint\_testing

3.) create a GET request - Employee Manager GET

4.) Go through the test plan with the class

5.) In TRELLO

Test Case: Employee Manager GET

GET request should return entire list of employees

\*\*Steps\*\*

1. in Postman, create a GET request to https://peaceful-inlet-88854.herokuapp.com/api/employees (ITS IN THE DOCUMENTATION)

\*\*Test Postconditions\*\*

- GET request returns an array of employees

(TEST IT OUT)

(ADD TO ACTIVITY)

OS: Windows 10

Browser: Chrome v91

Test passed

(MOVE TO PASSED SECTION IN TRELLO)

(CREATE A NEW CARD UNDER TRELLO - TO DO)

Test Case: Endpoint DELETE

DELETE request sent to https://peaceful-inlet-88854.herokuapp.com/api/employees/{ID} should delete the expected employee

\*\*Steps\*\*

1. in postman, make GET request to https://peaceful-inlet-88854.herokuapp.com/api/employees

2. make note of list of employees

3. make DELETE request to https://peaceful-inlet-88854.herokuapp.com/api/employees/{ID}

\*\*Test Postconditions\*\*

- get back an array without the deleted employee

(CREATE THE DELETE REQUEST IN POSTMAN: employee ID 155618 \_screenshot\_) then test it out

July 11 2021

Browser: Simulated with Postman

OS: Windows 10

Test passed