

Bugs Found

- Updating or adding employee - using dependent number >2 characters width doesn't allow update/add but doesn't give reason - pretty edge case since not many folks have 100+ dependents :) - reason code in the Postman Add or Update POST indicates that it needs to be between 0-32 - message should be displayed to user
- Header on main dashboard -vs- edit/update employee dialogs have 2 different spellings of dependant/dependent - US English version is "dependent" whereas UK English version is spelled "dependant" - apparently the US versions have 2 distinct definitions by spelling
- Spelling of "dependents" in the API calls also varies from the spellings (UK vs US) within the various places in the Dashboard
- Adding/Editing employee - first and last names are switched with each other on the dashboard versus what was input during the add/edit process (ie: Phil (1st) Newby (Last) is shown as Phil (last) Newby (1st) - issue also exists when running the Add or Update Employee POST in Postman
- If you click the button to Edit an employee, the dialog box says "Add Employee" - but you're not adding, you're editing
- Able to use numeric characters for first/last name and dialog doesn't show any message stating "First and Last name cannot contain numbers" - probably should - the Add or Update POSTs also allow this - Postman response indicates a value is expected, but no message is shown on the UI
- Cannot add/update when dependent is assigned an alphabetic character(s) - and no defined warning is given (ie: message could say "Dependent must be a number")
- Pretty edge case - character limit when adding/editing employee info is capped at 50char but exceeding that number doesn't give user a message - again, not sure if this would ever be used, but it exists :) - Add and Update POSTs show this message, UI does not - the POSTs do indicate this message, but UI does not show it
- Dashboard perimeter edging does not snap to fit employee data lines if first and/or last name fields are 30+ characters in length
- If attempting to add/edit employee and no first and/or last name is input, you can't add/save but no reason message is given (ie: "Must contain a First Name" -or- "Must contain a last name")
- First and Last name fields will accept special characters only as the field data - probably shouldn't since no one's name is JUST special chars

- Add/Edit dependents - can't use a decimal, no reason message why is shown - super edge case as no one has 2.3 children :) (ie: "Must be a whole number") - the response from the Add or Update POSTs are not friendly - ie: they don't say "Can't use a decimal" - again....not a truly legitimate test, but exists
- Deleting employee within the DEL but using an invalid ID (too many, too few, or invalid characters) doesn't show friendly message in the response, just that "An error occurred" - we should ideally list that the ID was incorrect or contained invalid data so to enable that level of debugging
- Additionally, doing a DEL with an invalid ID shows a 500 rather than the correct 400 since the error is user-side
- Deleting employee using an ID that doesn't exist does not result in any kind of message shown in the response and no Body is present due to that employee not existing, but we would ideally want to handle that, although this might not be a valid case due to the employee not showing up on the Dashboard, the API wouldn't even call it from there - just an observation - could potentially have downstream ramifications if other parts of the solution would run just that DEL alone from somewhere else
- If the DEL removes an employee via the API, but the user does not refresh the dashboard, and Edits the employee from the UI, that employee is recreated with the same name and number of dependents, but with no income, a deduction for their dependents and with a new ID - this could be potentially problematic if integrations come into play if a call somewhere else in the solution deletes the employee, but a user on the UI updates them, the employee might not be then searchable as their ID has changed, as well as they contain no pay data aside from a negative Net pay value
- Conversely, if you remove an employee from the UI manually, but perform an Update on them via the API - that employee is recreated with the same name and number of dependents, but with no income, a deduction for their dependents and with a new ID - this could be potentially problematic if integrations come into play if a call somewhere else in the solution if a user deleted an employee but an update call in the solution ran, it could cause problems as it would recreate that user but with a new ID
- With incorrect authentication, Postman shows a 500 instead of the 400
- If you log in with the wrong username and correct password, you go to a Development Mode page, which is weird and a friendly message should be shown to the user
- Going to the dashboard on a mobile device (only iOS devices were available) looks terrible, and not user friendly. Not sure if it's optimized for mobile or not. Could be a non-issue
- Weird 403 error in the Chrome (also Firefox) Console in dev tools
Failed to load resource: the server responded with a status of 403 () /favicon.ico:1