# STE Assessment - Bug Challenge

## User cannot set number of dependents to anything above 32 dependents

Env: Prod

Browsers: Google Chrome, Safari

### **Steps To Reproduce**

* Log into application
* Click the add user button.
* Fill out a valid name for the employee.
* Add any integer of 33 and over to the dependents field.

#### **Expected Result:**

The user is able to add 33 or over dependents and is returned to the employee table with the proper benefits amount calculated to be deducted and the proper net amount.

#### **Actual Result:**

The application silently fails. It doesn’t allow you to use 33 but you are given no feedback as to why. There is still money in the user’s budget to do so. Any number from 32 to 0 works.

## Text fields are not sanitized before inputting into UI allowing for html to be added to UI

Env: Prod

Browsers: Google Chrome, Safari

### **Steps To Reproduce**

* Log into application
* Click the add user button.
* Fill out the first name as <button>button</button>
* Fill out the rest of the form with valid information for the last name and dependents and submit.

#### **Expected Result:**

The first name should be displayed as a string <button>button</button>

#### **Actual Result:**

The first name is parsed as a button and a button is put into the UI in the first name field.

## User cannot input exceedingly long name

Env: Prod

Browsers: Google Chrome, Safari

### **Steps To Reproduce**

* Log into application
* Click the add user button.
* Fill out the first name a very long text with no spaces or special characters.I used jadfsjlsaljksdfgljkfdsljksdfaljksfdjklsfljsdjldfsjkldfsjklsdflkjsdfljksdfljsdfljsdfljkfd
* Fill out the rest of the form with valid information for the last name and dependents and submit.

#### **Expected Result:**

The first name should be displayed as a string jadfsjlsaljksdfgljkfdsljksdfaljksfdjklsfljsdjldfsjkldfsjklsdflkjsdfljksdfljsdfljsdfljkfd

#### **Actual Result:**

The application silently fails and does not save the user. There is also no error message or feedback given to the user.

## When the session ends, the application doesn’t log you out causing you to be stuck on a non-responsive page

Env: Prod

Browsers: Google Chrome, Safari

### **Steps To Reproduce**

* Log into application
* Add a valid employee to the table.
* Wait a few minutes idle. 5 minutes should do.
* Try to add another employee by clicking the add employee button.

#### **Expected Result:**

The application should either force a logout since the session has ended or allow you to create the new user.

#### **Actual Result:**

The UI becomes non-responsive. You have to manually reload the page by refreshing or navigating to the URL and log back in. There is no feedback for the user.

## When the session ends, the application doesn’t log you out and if you refresh, the log out link disappears

Env: Prod

Browsers: Google Chrome, Safari

### **Steps To Reproduce**

* Log into application
* Add a valid employee to the table.
* Wait a few minutes idle. 5 minutes should do.
* Click refresh

#### **Expected Result:**

The application should either force a logout since the session has ended or refresh the page.

#### **Actual Result:**

All of the data in the table disappears. The link to logout disappears so you can no longer log out. Now you have to manually navigate to the home page.

## Spelling error in the UI

Env: Prod

Browsers: Google Chrome, Safari

### **Steps To Reproduce**

* Log into application
* Click the add employee button.

#### **Expected Result:**

In the form, the dependants field should be spelled Defendants.

#### **Actual Result:**

The Dependants field is labelled Dependents.

## GET endpoint should return a 404 error if record is not found

Env: Prod

Platform: API through Postman.

### **Steps To Reproduce**

* Using your valid authentication key, create a GET request to https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees/4
* Seeing as how the system uses UUIDs for IDs, this should guarantee that there is no record that would be found.

#### **Expected Result:**

The API should return a 404 error due to the employee record not being found.

#### **Actual Result:**

A full html webpage is returned in text form with some generic error embedded in the page.

## DELETE endpoint should return a 404 error if the record is not found.

Env: Prod

Platform: API through Postman.

### **Steps To Reproduce**

* Using your valid authentication key, create a DELETE request to https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees/4
* Seeing as how the system uses UUIDs for IDs, this should guarantee that there is no record that would be found.

#### **Expected Result:**

The API should return a 404 error due to the employee record not being found.

#### **Actual Result:**

No response is received.

## DELETE endpoint should return a 200 if successful.

Env: Prod

Platform: API through Postman.

### **Pre-Requisites**

* Create a new employee record with valid data and take down the generated ID.

### **Steps To Reproduce**

* Using your valid authentication key, create a DELETE request to https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees/{{id}} using the ID from the above created employee.

#### **Expected Result:**

The API should return a 200 status indicating that the record was found and deleted.

#### **Actual Result:**

No response is received.