

## **STE Assessment- Bug Challenge**

### **Bug-Finding Challenge:**

At Paylocity, the highest priority of the software tester is to *find bugs before the end user does*. This challenge is designed to have you demonstrate your bug-finding ability in both the API the UI of an application.

### **Instructions:**

For the sample Benefits Dashboard application, please do the following:

Find as many bugs/defects/flaws as you can in the UI and the API and create a report. This report should be similar to what you would present to the developer of the application, with the type of detail that you would normally include.

### **Submission:**

Your submission should include the following:

- A bug report for all the API bugs you found, with details and steps to reproduce
- A bug report for all the UI bugs you found, with details and steps to reproduce

GitHub is the preferred method of sharing your submission

### **URL and Login info:**

URL: <https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/Account/Login>

Your username, password, and auth token for API testing will be provided to you in a separate email.

### **API Documentation:**

The API documentation can be found at the below link:

<https://documenter.getpostman.com/view/2314100/SWTEbbi6>

Note that you will need to use your assigned auth token in the header of your requests in order to access the API.

For example: Key: Authorization; Value: Basic <authToken>

Postman users can use the “Run in Postman” button to migrate the requests to their Postman account. If you prefer Swagger documentation, you can find it here: <https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/swagger/v1/swagger.json>

## **The Application:**

One of the critical functions that we provide for our clients is the ability to pay for their employees’ benefits packages. A portion of these costs are deducted from their paycheck, and we handle that deduction. This is a small, buggy, sample application that allows the user (an employer) to add, edit, and delete employees and their dependents.

### **Assumptions:**

- All employees are paid \$2000 per paycheck before deductions
- There are 26 paychecks in a year
- The cost of benefits is \$1000/year for each employee
- Each dependent incurs a cost of \$500/year

### **User Story:**

As an Employer, I want to input my employee data so that I can get a preview of benefit costs.

### **Acceptance Criteria**

#### **Scenario 1: Add Employee**

GIVEN an Employer  
AND I am on the Benefits Dashboard page  
WHEN I select Add Employee  
THEN I should be able to enter employee details  
AND the employee should save  
AND I should see the employee in the table  
AND the benefit cost calculations are correct

#### **Scenario 2: Edit Employee**

GIVEN an Employer  
AND I am on the Benefits Dashboard page  
WHEN I select the Action Edit

THEN I can edit employee details  
AND the data should change in the table

### Scenario 3: Delete Employee

GIVEN an Employer  
AND I am on the Benefits Dashboard page  
WHEN I click the Action X  
THEN the employee should be deleted