

Bugs

Bug (Major): First and last name of user in the incorrect columns

| | |
|-----------------|---|
| Summary | Employee first name appears in last name column. Employee last name appears in first name column. |
| Steps | <ol style="list-style-type: none">1. Log into Paylocity Benefits Dashboard2. Review existing records (create several if none appear)3. Select edit icon for any entry, observe data4. Close update form with no changes, observe entry in the benefits dashboard |
| Expected Result | First name in First Name column, and last name in Last Name column |
| Actual Result | First name in Last Name column, and last name in First Name column |

Add Employee

First Name:

First

Last Name:

Last

Dependents:

Add

Cancel

Paylocity Benefits Dashboard

| Id | Last Name | First Name | Dependents |
|--------------------------------------|-----------|------------|------------|
| e9aa125e-0099-4145-8ad1-8f083d61b271 | First | Last | 0 |

Add Employee

Bug (Major): able to submit first name and last name as numbers

| | |
|------------------------|---|
| Summary | no error checking on first name and last name. Able to enter the names as all numbers |
| Steps | <ol style="list-style-type: none"> 1. Log into Paylocity Benefits Dashboard 2. Add an employee with first name as all numbers, and then last name as all numbers, and create employee 3. Observe dashboard |
| Expected Result | error message on name containing numbers |
| Actual Result | no error message on name containing numbers |

Dashboard

Add Employee

✕

First Name:

28723982798372

Last Name:

3498390483048

Dependants:

Add

Cancel

Paylocity Benefits Dashboard

| Employee Information | | | |
|--------------------------------------|----------------|---------------|------------|
| ID | Last Name | First Name | Dependents |
| ac93d047-db51-45bf-af9c-1dbce12c33b2 | 28723982798372 | 3498390483048 | 0 |

Add Employee

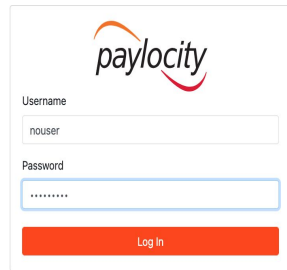
Bug (Major): no error correction in first name and last name lengths

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|------------------------|--|
| Summary | First name and last name fields do not have character limits. Upon submission nothing happens, but an error message should appear, or a character limit should be in place for the fields. |
| Steps | <ol style="list-style-type: none">1. Log into Paylocity Benefits Dashboard2. Attempt to add employee with at least 100 characters in the first name field and submit3. Attempt to add employee with at least 100 characters in the last name field and submit4. Attempt to add employee with first name character limit at least 100 characters, and the same for last name, and submit |
| Expected Result | Field character limitation or error message upon submission |
| Actual Result | No field character limitation or error message displayed |

Bug (Major): Error message page appear entering incorrect username and password details

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|------------------------|---|
| Summary | entering incorrect username and password details send user to an error message page. It should display an error message within the login dialog rather than to a separate page. |
| Steps | 1. Submit an incorrect username and password at the Paylocity Benefits Dashboard page |
| Expected Result | messages within the login screen indicating a correction is needed for username or password |
| Actual Result | user shown a separate error page with details the user should not see |

Paylocity Benefits Dashboard



The screenshot shows the Paylocity login interface. At the top is the Paylocity logo. Below it are two input fields: 'Username' containing the text 'nouser' and 'Password' which is masked with dots. A red 'Log In' button is positioned at the bottom of the form.

Paylocity Benefits Dashboard

Error.

An error occurred while processing your request.

Request ID: 0H9JRS13PB172

Development Mode

Swapping to **Development** environment will display more detailed information about the error that occurred.

The **Development** environment shouldn't be enabled for deployed applications. It can result in displaying sensitive information from exceptions to end users. For local debugging, enable the **Development** environment by setting the **ASPNETCORE_ENVIRONMENT** environment variable to **Development** and restarting the app.

Bug (Trivial): column header Dependents is misspelled

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| Summary | column header 'Dependents' should be 'Dependants'. This is considered a bug because everywhere else Dependants is displayed (e.g. Add Employee form and API). It is shown in the British preference (Dependant) vs the American version (Dependent). |
| Steps | <ol style="list-style-type: none"> 1. Log into Paylocity Benefits Dashboard 2. Observe spelling of Dependents header |
| Expected Result | header appear as 'Dependants' |
| Actual Result | header appears as 'Dependents' |

Paylocity Benefits Dashboard

| Id | Last Name | First Name | Dependents |
|-----------|------------------|-------------------|-------------------|
|-----------|------------------|-------------------|-------------------|

Add Employee

First Name:

Last Name:

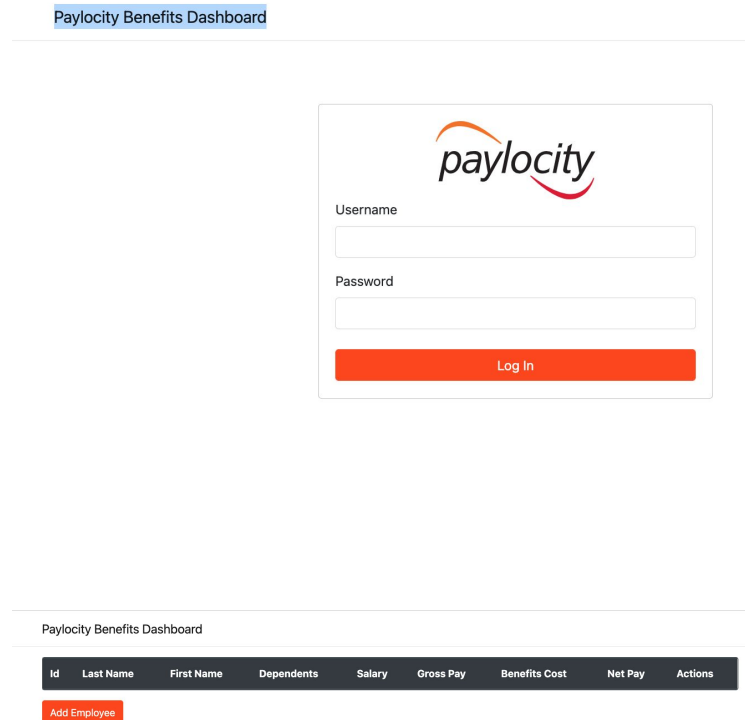
Dependants:

Example Response

```
{
  "partitionKey": "TestUser1",
  "sortKey": "1945d706-39f3-49eb-bea8-98abcf766e5e",
  "userName": "TestUser1",
  "id": "1945d706-39f3-49eb-bea8-98abcf766e5e",
  "firstName": "Natasha",
  "lastName": "Romanoff",
  "department": " ",
  "salary": 52000,
  "gross": 2000,
  "benefitsCost": 96.1538544,
  "net": 1903.84619
}
```

Bug (Blocker): user can bypass login by selecting Title link

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| Summary | at login screen, selecting the 'Paylocity Benefits Dashboard' link at the top will send user to the dashboard without having to login. User can't perform any actions as this is a broken page that displays an empty dashboard, but the user should not be able to perform this type of action. |
| Steps | 1. At Paylocity Benefits Dashboard select the 'Paylocity Benefits Dashboard' title link |
| Expected Result | login screen refreshed |
| Actual Result | user taken into the system and able to view an empty dashboard |



Bug (Major): no error message to indicate dependant limit

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| Summary | Through trial and error, discovered the dependant limit is 32. Above that a 400 error is thrown and the Add Employee form remains with no error message indicating limit of dependants is reached. |
| Steps | <ol style="list-style-type: none">1. Log into Paylocity Benefits Dashboard2. Add an employee with a dependent limit over 32 |
| Expected Result | Error message when dependant limit is reached. |
| Actual Result | No error message when dependent limit is reached. |

Bug (minor): above 2 dependents shows discrepancy in benefits cost

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|------------------------|--|
| Summary | <p>The formula for benefits calculation is the following: $((\# \text{ of dependents}) * \\$19.23) + \\$38.46 = \text{total benefits cost}$</p> <p>\$38.46 is for the employee, who represents dependant 0. As the dependents grow from 3 to it's top limit of 32, the price discrepancy ranges between 1-2 pennies, with the highest being 15 cents at 3 dependents (see image).</p> |
| Steps | <ol style="list-style-type: none">1. Log into Paylocity Benefits Dashboard2. Add an employee with 3 or more dependents3. Use formula from summary section to calculate the expected benefits cost and compare to what is shown on the dashboard |
| Expected Result | Dashboard benefits cost match calculated cost |
| Actual Result | Dashboard benefits cost does not completely match calculated cost |

At 3 dependents, 96.15 vs 96.30
At 4 dependents, 115.38 vs 115.38
At 5 dependents, 134.62 vs 134.61
At 6 dependents, 153.85 vs 153.84
At 7 dependents, 173.08 vs 173.07
At 8 dependents, 192.31 vs 192.3
At 9 dependents, 211.54 vs 211.53
At 10 dependents, 230.77 vs 230.76
At 11 dependents, 250.00 vs 249.99
At 12 dependents, 269.23 vs 269.22
At 13 dependents, 288.46 vs 288.45
At 14 dependents, 307.69 vs 307.68
At 15 dependents, 326.92 vs 326.91
At 16 dependents, 346.15 vs 346.14
At 17 dependents, 365.38 vs 365.37
At 18 dependents, 384.62 vs 384.60
At 19 dependents, 403.85 vs 403.83
At 20 dependents, 423.08 vs 423.06
At 21 dependents, 442.31 vs 442.29
At 22 dependents, 461.54 vs 461.52
At 23 dependents, 480.77 vs 480.75
At 24 dependents, 500.00 vs 499.98
At 25 dependents, 519.23 vs 519.21
At 26 dependents, 538.46 vs 538.44
At 27 dependents, 557.69 vs 557.67
At 28 dependents, 576.92 vs 576.9
At 29 dependents, 596.15 vs 596.13
At 30 dependents, 615.38 vs 615.36
At 31 dependents, 634.62 vs 634.59
At 32 dependents, 653.85 vs 653.82

Bug (minor): API responses shows decimal values for salary and gross

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|------------------------|---|
| Summary | API example response show that no decimal values of '.00' should appear for salary and gross values, but actual API responses contain '.00' for salary and gross, and they are reflected in the benefits dashboard. |
| Steps | 1. Invoke each of the API calls: Add Employee Get Employee List Get Employee Update Employee Delete Employee |
| Expected Result | Dashboard benefits cost match calculated cost |
| Actual Result | Dashboard benefits cost does not completely match calculated cost |

```
{
  "partitionKey": "TestUser224",
  "sortKey": "e9d2d6a0-eedd-41e3-82eb-0720f863699e",
  "username": "TestUser224",
  "id": "e9d2d6a0-eedd-41e3-82eb-0720f863699e",
  "firstName": "The User",
  "lastName": "API-Updated",
  "dependants": 8,
  "salary": 52000.0,
  "gross": 2000.0,
  "benefitsCost": 192.307709,
  "net": 1807.69226
}
```

```
{
  "partitionKey": "TestUser1",
  "sortKey": "1945d706-39f3-49eb-bea8-98abcf766e5e",
  "username": "TestUser1",
  "id": "1945d706-39f3-49eb-bea8-98abcf766e5e",
  "firstName": "Wanda",
  "lastName": "Maximoff",
  "dependants": 2,
  "salary": 52000,
  "gross": 2000,
  "benefitsCost": 76.92308,
  "net": 1923.0769
}
```

Flaws

Flaw: unable to sort dashboard by column

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|-----------------|--|
| Summary | employees in dashboard are sorted by Id column only. This can make it difficult for users to find data. It is suggested users be able to sort dashboard data by clicking the column header and the dashboard data being sorted in alphanumeric order. |
| Steps | <ol style="list-style-type: none">1. Log into Paylocity Benefits Dashboard2. Review existing records3. Click Last Name column header, observe records4. Click First Name column header, observe records5. Click Salary column header, observe records6. Click Gross Pay column header, observe records7. Click Benefits Cost column header, observe records8. Click Net Pay column header, observe records9. Click Id column header, observe records |
| Expected Result | when column header select, all data is sorted alphanumerically based on that column selected |
| Actual Result | all records only sorted by Id alphanumerically with numbers having higher priority than letters |

Paylocity Benefits Dashboard [Log Out](#)

| Id | Last Name | First Name | Dependents | Salary | Gross Pay | Benefits Cost | Net Pay | Actions |
|---------------------------------------|-----------|------------|------------|----------|-----------|---------------|---------|---------|
| 173ced87-ed61-4678-9842-a2f8b1264bbc | User | 25 | 25 | 52000.00 | 2000.00 | 519.23 | 1480.77 | |
| 18afb4f3-23a9-4285-a001-c22928d330e1 | User | 16 | 16 | 52000.00 | 2000.00 | 346.15 | 1653.85 | |
| 1dd9fe7a-9ece-4201-a2c7-6bd64811363b | User | 13 | 13 | 52000.00 | 2000.00 | 288.46 | 1711.54 | |
| 1de363b2-9e45-4ef3-b4bc-8fd16c5e4010 | User | 1 | 1 | 52000.00 | 2000.00 | 57.69 | 1942.31 | |
| 2d81e6c1-a346-41d0-b358-a0e8eddf60c0 | User | 4 | 4 | 52000.00 | 2000.00 | 115.38 | 1884.62 | |
| 3bc29094-11ae-497c-b72b-daa8f5f227181 | User | 7 | 7 | 52000.00 | 2000.00 | 173.08 | 1826.92 | |
| 3de54019-bc48-4305-8d1e-510eecd54fb | User | 26 | 26 | 52000.00 | 2000.00 | 538.46 | 1461.54 | |
| 4e018490-ec9c-4721-be37-5702340b6a07 | User | 21 | 21 | 52000.00 | 2000.00 | 442.31 | 1557.69 | |
| 4e2986bb-1360-46d7-857f-6c2938a613da | User | 22 | 22 | 52000.00 | 2000.00 | 461.54 | 1538.46 | |
| 5c856540-7a78-4ca4-a326-5ca09ae36feb | User | 19 | 19 | 52000.00 | 2000.00 | 403.85 | 1596.15 | |

Defects

Defect: 401 errors on add/update/delete employee actions at random intervals

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|------------------------|---|
| Summary | At random moments while using the dashboard, attempting to add, update, or delete an employee freezes. When viewing the reasons in the inspector, a 401 error is generated. |
| Steps | <ol style="list-style-type: none">1. Use Paylocity Benefits Dashboard as usual performing add, update, and deletion of employees2. Upon any of those actions when the submission/confirmation freezes, bring up browser inspector, select network tab, and try again3. View the red print error that appears when attempting the action again |
| Expected Result | No 401 errors occur |
| Actual Result | 401 errors occur from time to time. (https://kinsta.com/knowledgebase/401-error/) |

