CS 307
Sprint 2 Test Cases

Team 7:
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User Story #1

As a user, I would like to be able to change my email

- **Test Description: Change email form requires old password field to be correct**
- **Steps: Enter an incorrect password and see if the email or password still changes**
- **Result: PASS**

Current password field is incorrect

Error message from hitting submit

- **Test Description: Change email form requires 'New Password' and 'Confirm New Password' fields to match**
- **Steps: Add non-matching passwords and see if the app still accepts them**
- **Result: PASS**

Password fields don't match   **Error Message after hitting submit**

Edit BudgetWise Profile

Email:

riggs4@purdue.edu

Current Password

••••

New Password

••••

Confirm New Password

••••

Submit   Reset

Oh snap! New password does not match confirmation password field.

BudgetWise Profile

Email:

riggs4@purdue.edu

Username:

Jacob

First Name:

Jacob

Last Name:

Riggs

Parental Username:

If blank, no parental account exists for your BudgetWise profile

Edit BudgetWise Profile

Email:

riggs4@purdue.edu

Current Password

New Password

Confirm New Password

Submit   Reset

- **Test Description: Change email form correctly updates and encrypts password if old password is entered correctly and new password matches confirm new password**
- **Steps: Try to log in with the old and new passwords, make sure that only the new password works.**
- **Result: PASS**

Top Left: Entering all password fields correctly
Top Right: Confirmation after hitting submit button
Bottom Left: Using old password to try and login
Bottom Right: Dashboard is displayed after logging in with new password

- **Test Description: Check that the user is able to change their old email to a new email, and be able to login with their new email.**
- **Steps: Navigate to settings page, enter the users new email address and enter the user's current password. Logout and login with new email.**
- **Result: PASS**

Edit BudgetWise Profile

Email:

newEmail@purdue.edu

Current Password

••••

New Password

Confirm New Password

Submit   Reset

Success! Profile successfully updated.

BudgetWise Profile

Email:
newEmail@purdue.edu

Username:
Jacob

First Name:
Jacob

Last Name:
Riggs

Parental Username:

If blank, no parental account exists for your BudgetWise profile

Edit BudgetWise Profile

Email:
newEmail@purdue.edu

Current Password

New Password

Confirm New Password

Submit   Reset

newEmail@purdue.edu

••••

☐ Remember me   Forget Password ?

Sign In

BudgetWise   **Dashboard**

- Dashboard
- Category Analytics
- Retirement Analytics
- Settings
- Admin Dashboard

Budgets

Jacob Riggs
Jacob

My Profile

Logout

Name	Allowance	Amount Spent	Start Date ↑	End Date	
February	2000	1270.52	2019-02-01T00:00:00.000Z	2019-02-	
March	2500	1500	2019-03-01T00:00:00.000Z	2019-03-31T00:00:00.000Z	View
April	3000	0	2019-04-01T00:00:00.000Z	2019-04-30T00:00:00.000Z	View

10 ∨   Displaying 1 – 3 of 3 records

- **Test Description: Check that the user is able to change their old email to a new email, but won't be able to continue without entering the current password field.**
- **Steps: Navigate to settings page, enter the users new email address and leave the user's current password field blank . Logout and enter the users new email and current password.**
- **Result: PASS**

Edit BudgetWise Profile

Email:

anotherNewEmail@purdue.edu

Current Password

New Password

Confirm New Password

Submit Reset

Oh snap! Current Password field is required.

BudgetWise Profile

Email:

newEmail@purdue.edu

Username:

Jacob

First Name:

Jacob

Last Name:

Riggs

Parental Username:

If blank, no parental account exists for your BudgetWise profile

Edit BudgetWise Profile

Email:

newEmail@purdue.edu

Current Password

New Password

Confirm New Password

Submit Reset

- **Test Description: Check that the user is able to change their old email to a new email, but won't be able to continue login with their old email address.**
- **Steps: Navigate to settings page, enter the users new email address and enter the user's current password. Logout and enter the users old email and current password.**
- **Result: PASS**
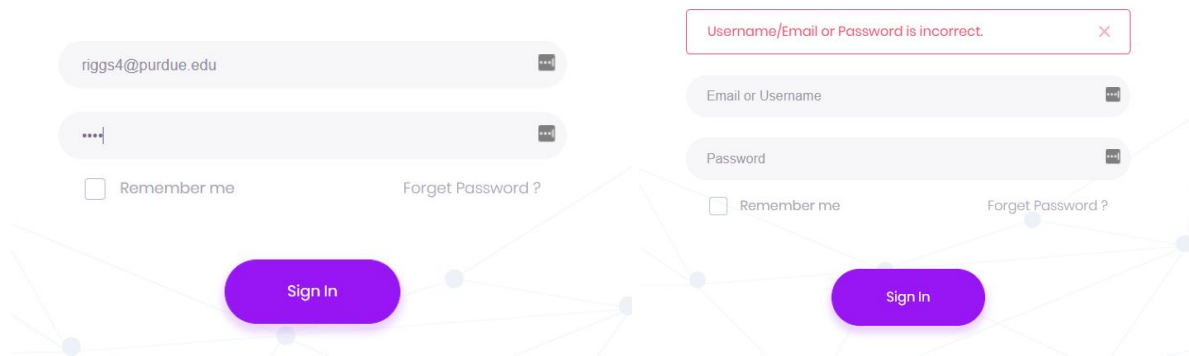
User Story #2

As a user, I would like to be able to create a budget for next month.

- **Test Description: Create next month's budget button on the dashboard correctly selects dates for the budget of next month**
- **Steps: Click the create next month's budget and check that the dates for the new budget are correct.**
- **Result: PASS**

- **Test Description: Create next month's budget botton gives the next month's budget the allowance specified on the form**
- **Steps: Enter an allowance for next month's budget and ensure that it is set for the new budget.**
- **Result: PASS**

User Story #3

As a user, I would like to be able to plan savings for retirement.

- **Test Description: The retirement analytics button correctly redirects the user to a page displaying data on their retirement savings**
- **Steps: Login with a user and navigate to the retirement page by clicking the retirement analytics button on the sidebar.**
- **Result: PASS**

- **Test Description: The queries correctly display how much the user has spent in the last month, year, amount to goal, etc.**
- **Steps: Calculate correct values and compare to the values given on the retirement page.**
- **Result: PASS**

Retirement Savings

Total Saved for Retirement
$1500

Amount Saved in the Last Year
$1500

Amount Saved in the Last Month
$1100

Percentage of Goal Reached
3%

Amount Left to Reach Goal
$48500

Expenses

Name ↓	Price	Recurring	Date
Monthly Deposit	400	No	2019-02-02T13:41:22.000Z
Monthly Deposit	500	No	2019-03-19T13:40:47.000Z
Monthly Deposit	600	No	2019-03-05T13:41:33.000Z

User Story #4

As a user, I would like to be able to monitor my kids' spending.

- **Test Description: User is able to create a parental account, and parent can login to view and edit childs budget.**
- **Steps: User navigates to settings page, user enters new parental email address and enters new parental password. Current user logs out and parent is able to login with their new credentials.**
- **Result: PASS**

- **Test Description: User cannot leave the re-enter password field blank when changing or creating parental account. Results in flash error**
- **Steps: User navigates to settings page, user enters new parental email address and enters new parental password and leaves the re-enter password field blank.**
- **Result: PASS**

Manage Parental Account

Oh snap! New password does not match confirmation password field.

Parent Email:

newparent@test.com

New Password

••••

Confirm New Password

Submit   Reset

- **Test Description: User can update the parental email while leaving the password fields blank**
- **Steps: User navigates to settings page, user enters new parental email address and leaves the password fields blank.User logs out and parent logs in with new email set for parent.**
- **Result: PASS**

Manage Parental Account	Manage Parental Account
Parent Email:	Parent Email:
testtt@test.com	newfather@test.com
New Password	New Password
Confirm New Password	Confirm New Password
Submit Reset	Submit Reset

Current Parental Account name   **New Parental Username**

Success! Parental Account successfully updated.

Flash Message showing update as successful

| test | $2a$10$wPteSF72mdaUgQZ6Ni9Mves4DyL9BBFqr5O.QUxxOH7... | test | test | newfather@test.com |

Database reflects updated parent account for "test" username

User Story #5

As a user, I would like to enable notifications for my daily, biweekly, and monthly spending trends

- **Test Description: Ensure that emails are sent to the user with information for their budgets.**
- **Steps: Select daily for email preferences and navigate to email inbox to ensure that emails are received.**
- **Result: PASS**

User Story #6

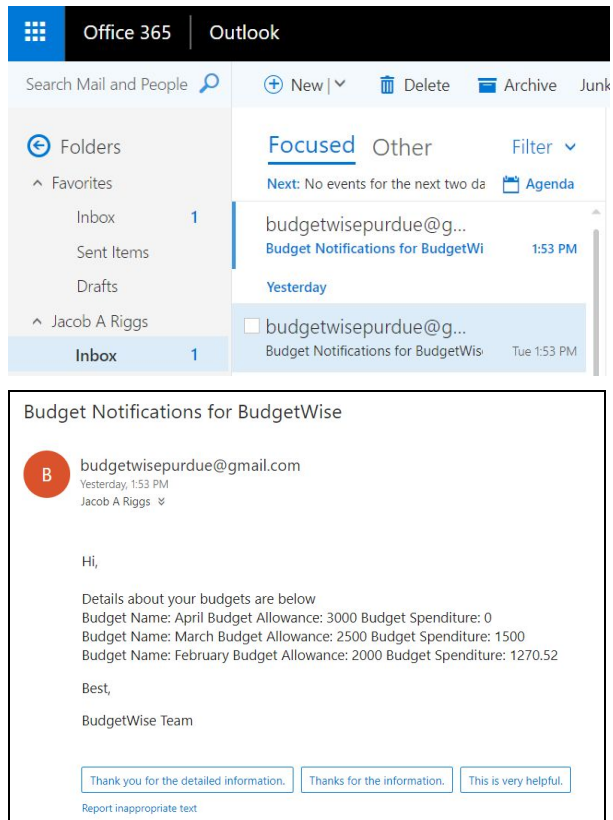**As a user, I would like to enable notifications for spending in specific categories**

- **Test Description: Ensure that email notifications provide information regarding distribution of expenses based on category**
- **Steps: Turn on daily notifications and navigate to the given email account to view the email.**
- **Result: PASS**

Budget Notifications for BudgetWise

B budgetwisepurdue@gmail.com
Today, 11:22 AM
Jacob A Riggs ⌄

Hi,

Details about your budgets and categorial spending are below
Budget Name: March Budget Allowance: 2499.9999999999995 Budget Spenditure: 637.1299999999999
Category Name: Entertainment Spend: 0
Category Name: Retirement Spend: 445.61
Category Name: Travel Spend: 187.24
Category Name: Food Spend: 4.28
Category Name: Bills Spend: 0

Best,

BudgetWise Team

User Story #7

As a user, I would like to be able to share my monthly savings on Facebook

- **Test Description: Facebook Share button opens Share prompt**
- **Steps: Navigate to a budget and click the share button.**
- **Result: PASS**
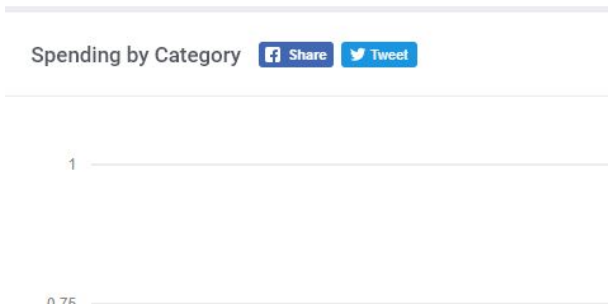
Click Facebook Share Button
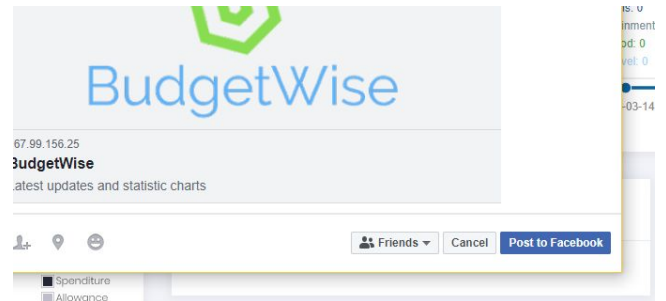
User Story #8

As a user, I would like to be able to share my monthly savings on Twitter

- **Test Description: Twitter tweet button opens the share prompt.**
- **Steps: Navigate to a budget and click the tweet button.**
- **Result: PASS**
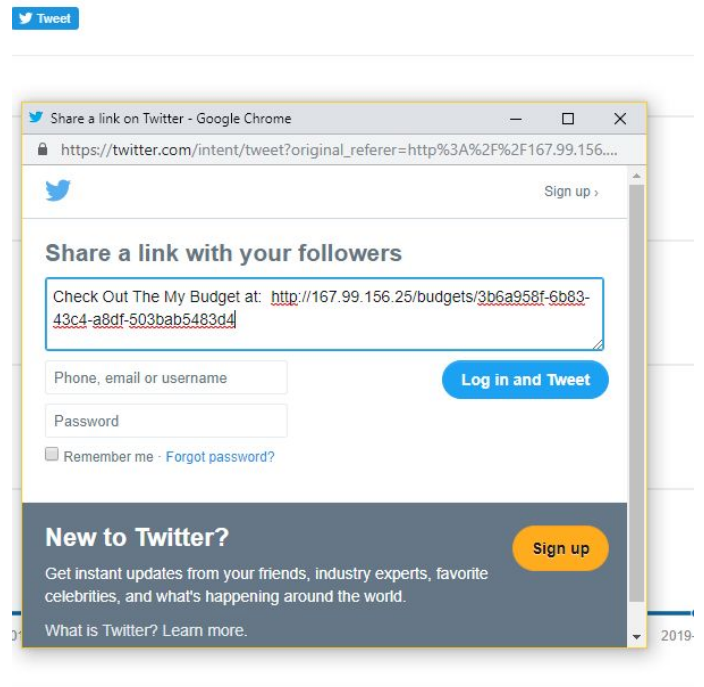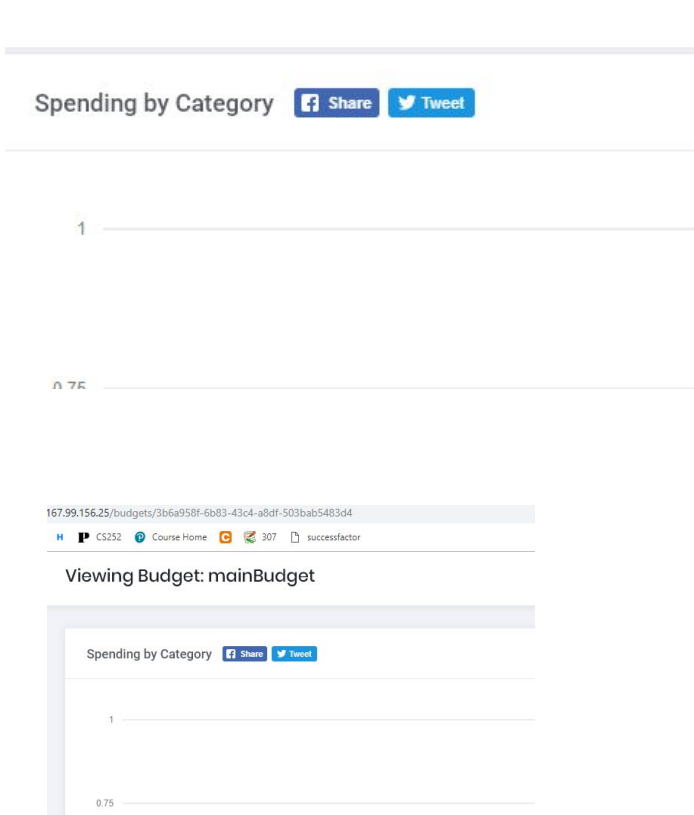
Link in Tweet leads back to main Budget Page

User Story #9

As a user, I would like to be able to change my currency of choice

- **Test Description: Ensure that currencies for budget values change.**
- **Steps: Change between three currencies and ensure that the values remain constant.**
- **Result: PASS**

ABOVE: USD to CAD to EUR to USD

User Story #10

As a user, I would like to be able to make a budget for Christmas/Birthdays

- **Test Description: Create Christmas budget button on the dashboard correctly creates a Christmas budget for the user**
- **Steps: User fills out the Christmas budget name and allowance fields. Then click the "Create Budget" button underneath "Create Christmas Budget"**
- **Result: PASS**

- **Test Description: Add individual button on the dashboard correctly adds an individual to the Christmas budget for the user**
- **Steps: Fill out the form for the individual's name. Then click on "add individual" button underneath "Create Christmas Budget"**
- **Result: PASS**

- **Test Description: Add expense button on the dashboard correctly adds an expense to the Christmas budget for the user**
- **Steps: Fill out the form for the price of the expense and select the individual from the dropdown menu. Then click on "add expense" button underneath "Create Christmas Budget"**
- **Result: PASS**