



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

Edit BudgetWise Profile

Email:

Current Password

New Password

Confirm New Password

Error message from hitting submit

Oh snap! Current password entered incorrectly.

BudgetWise Profile

Email:

Username:

First Name:

Last Name:

Parental Username:

If blank, no parental account exists for your BudgetWise profile

Edit BudgetWise Profile

Email:

Current Password

New Password

Confirm New Password

- **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

Edit BudgetWise Profile

Email:

Current Password

New Password

Confirm New Password

Error Message after hitting submit

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

BudgetWise Profile

Email:

Username:

First Name:

Last Name:

Parental Username:

If blank, no parental account exists for your BudgetWise profile

Edit BudgetWise Profile

Email:

Current Password

New Password

Confirm New Password

- **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

The top row shows the 'Edit BudgetWise Profile' form with fields for Email (riggs4@purdue.edu), Current Password (masked), New Password (masked), and Confirm New Password (masked). Below the form are 'Submit' and 'Reset' buttons.

The top right screenshot shows a green success message: 'Success! Profile successfully updated.' Below it, the 'BudgetWise Profile' is displayed with fields for Email (riggs4@purdue.edu), Username (Jacob), First Name (Jacob), Last Name (Riggs), and Parental Username (blank). A note states: 'If blank, no parental account exists for your BudgetWise profile'.

The bottom row shows the 'Edit BudgetWise Profile' form again, but with the 'Current Password' field empty, indicating an attempt to log in with the old password.

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

The left screenshot shows a login form with a red error message: 'Username/Email or Password is incorrect.' The form has fields for 'Email or Username' and 'Password', a 'Remember me' checkbox, and a 'Forgot Password?' link.

The right screenshot shows the 'BudgetWise Dashboard' with a sidebar menu and a 'Budgets' table.

Name	Allowance	Amount Spent	Start Date	End Date	Analytics
February	2000	0/10/20	2019-02-01T00:00:00.000Z	2019-02-28T00:00:00.000Z	View
March	2500	0/00	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

At the bottom of the dashboard, it says 'Displaying 1 - 3 of 3 records'.

- **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:

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
- Category Analytics
- Retirement Analytics
- Settings
- Admin Dashboard

Dashboard

Budgets

Name	Allowance	Amount Spent	Start Date ↑	End Date	
February	2000	1270.52	2019-02-01T00:00:00.000Z	2019-02-28T00:00:00.000Z	
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**

Jacob Riggs
Jacob

My Profile

Logout

- **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:

Current Password

New Password

Confirm New Password

Oh snap! Current Password field is required.

BudgetWise Profile

Email:

Username:

First Name:

Last Name:

Parental Username:

If blank, no parental account exists for your BudgetWise profile

Edit BudgetWise Profile

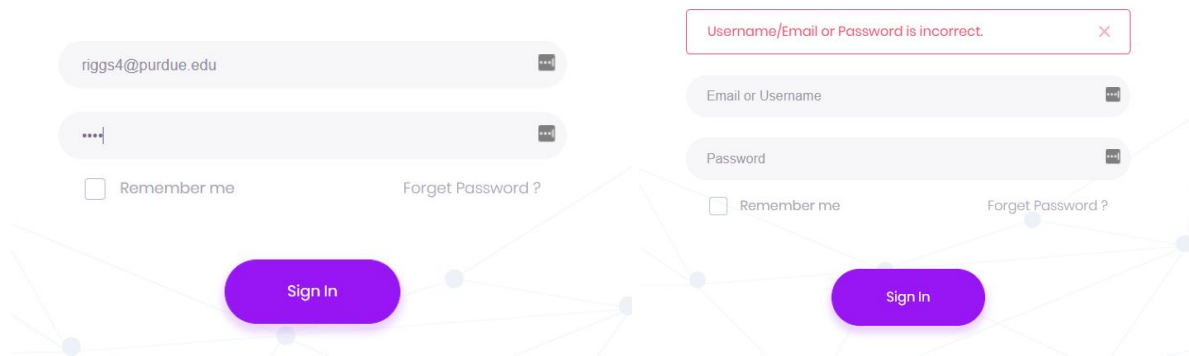
Email:

Current Password

New Password

Confirm New Password

- **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

Create a Budget

Monthly Budget Allowance

Create Monthly Budget

2019-04-01T00:00:00.000Z

2019-04-30T00:00:00.000Z

View

- **Test Description:** Create next month's budget button 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

Create a Budget

Monthly Budget Allowance

3000

Create Monthly Budget

April Budget

3000

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

Category Analytics

Retirement Analytics

Settings

BudgetWise

Dashboard

Category Analytics

Retirement Analytics

Settings

Admin Dashboard

Retirement Analytics

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

- **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	Amount Saved in the Last Month
\$1500	\$1100
Percentage of Goal Reached	Amount Left to Reach Goal
3%	\$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 child's 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

Manage Parental Account

Parent Email:

New Password

Confirm New Password

Success! Parental Account successfully updated.

parent@gmail.com

....

☐ Remember me [Forget Password ?](#)

BudgetWise

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

Dashboard

Budgets

Name	Allowance	Amount Spent	Start Date ↑	End Date	
February	2000	1270.52	2019-02-01T00:00:00.000Z	2019-02-28T00:00:00.000Z	
March	2500	1500	2019-03-01T00:00:00.000Z	2019-03-31T00:00:00.000Z	<input type="button" value="View"/>
April Budget	3000	0	2019-04-01T00:00:00.000Z	2019-04-30T00:00:00.000Z	<input type="button" value="View"/>

10 Displaying 1 - 3 of 3 records

Jacob Riggs
Jacob

- **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

Parent Email:

newparent@test.com

New Password

....

Confirm New Password

Submit

Reset

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

- **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

Parent Email:

New Password

Confirm New Password

Manage Parental Account

Parent Email:

New Password

Confirm New Password

Current Parental Account name

New Parental Username



Flash Message showing update as successful

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

Manage Notifications

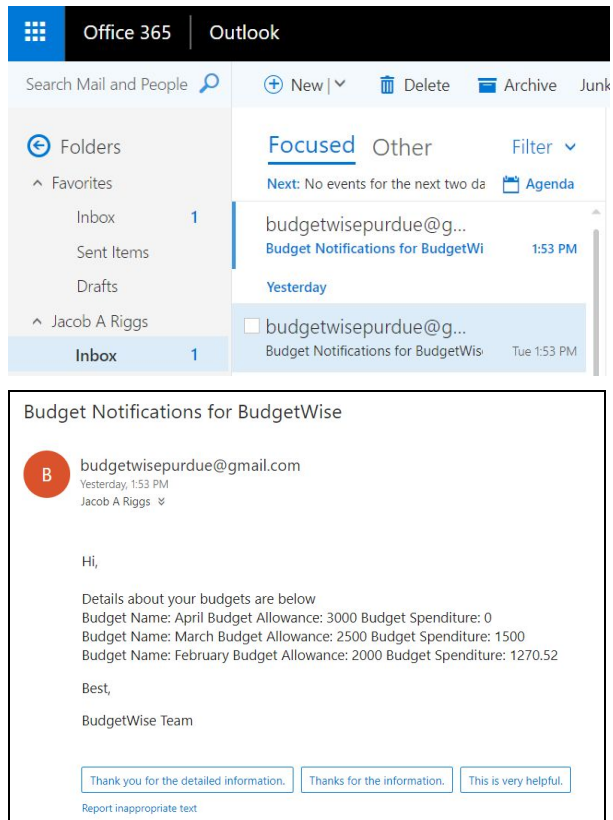
Notifications

Notification Frequency

0

0 = daily | 1 = biweekly | 2 = monthly

Submit



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



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: 2499.999999999995 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

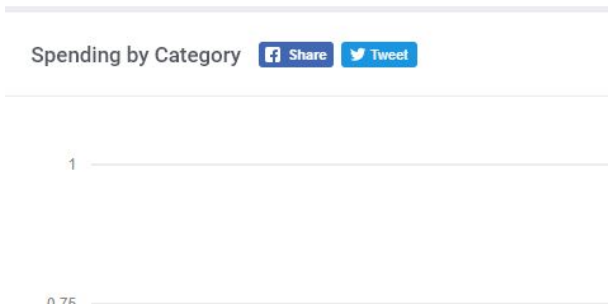
Best,

BudgetWise Team

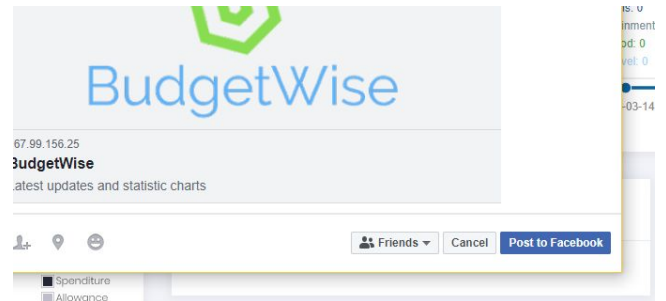
User Story #7

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



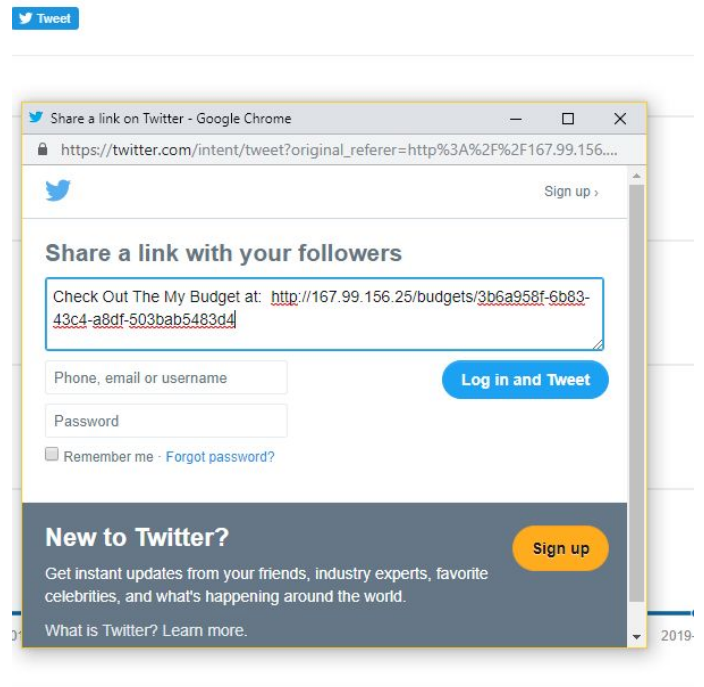
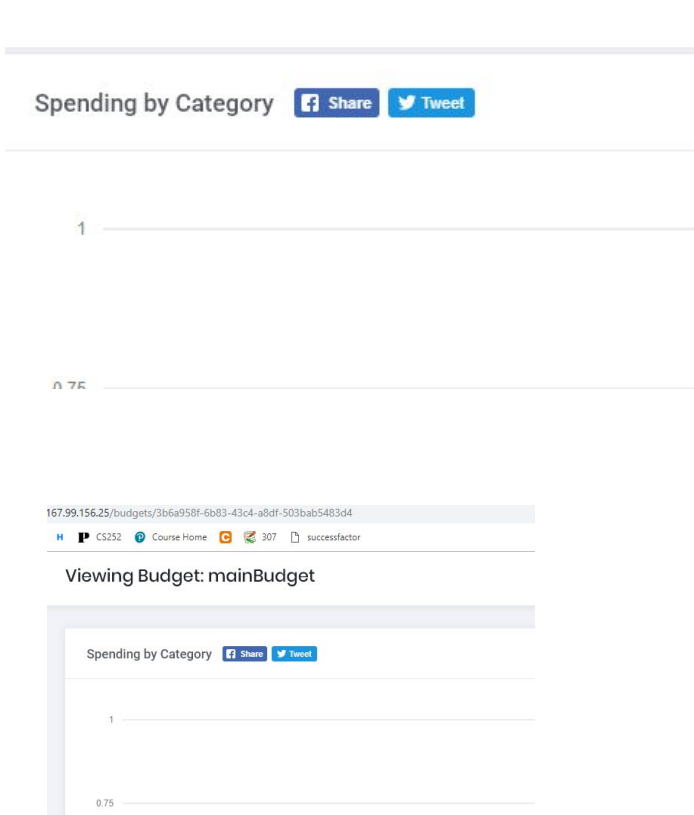
Click Facebook Share Button



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

Budgets		
Name	Allowance	Amount Spent
March	2500	245.61

Budgets		
Name	Allowance	Amount Spent
March	3341.76	328.31

Budgets		
Name	Allowance	Amount Spent
March	2199.51	216.09

Budgets		
Name	Allowance	Amount Spent
March	2500.00	245.61

Edit BudgetWise Profile

Email:

Current Password

New Password

Confirm New Password

Currency

Options: EUR, USD, AUD, CAD, or INR

Edit BudgetWise Profile

Email:

Current Password

New Password

Confirm New Password

Currency

Options: EUR, USD, AUD, CAD, or INR

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

The image displays two screenshots of the BudgetWise application. The left screenshot shows the 'Create Christmas Budget' form, and the right screenshot shows the 'Dashboard' view.

Create Christmas Budget Form:

- Christmas Budget Name:** 2019
- Christmas Budget Allowance:** 575
- Create Budget** (blue button) and **Delete** (red button) buttons.
- Expense Price:** Expense Price
- Individual:** Individual

BudgetWise Dashboard:

- Success!** Christmas Budget successfully created.
- Budgets Table:**

Name	Allowance	Amount Spent	Start Date	End Date	Analytics
March	205.00	5.20	2019-03-21T05:00:00.000Z	2019-03-31T00:00:00.000Z	View
April Budget	520.00	0.00	2019-04-01T00:00:00.000Z	2019-04-30T00:00:00.000Z	View

Displaying 1-2 of 2 records

- **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

This screenshot shows the 'Add Individual' form on the left side of the dashboard. The form includes a text input for 'Expense Price', a dropdown menu for 'Individual', a blue 'Add Expense' button, a text input for 'Individual Name' containing the value 'Bob', and a blue 'Add Individual' button. The main dashboard area is visible in the background, showing the 'BudgetWise Profile' section and the 'Information for '2019' Budget' section, which includes fields for 'Budget Name' (2019), 'Budget Allowance' (575), and a list of individuals with a total expense of 0.

- **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

This screenshot shows the 'Add Expense' form on the left side of the dashboard. The form includes text inputs for 'Christmas Budget Name' (Budget Name) and 'Christmas Budget Allowance' (Budget Allowance), with blue 'Create Budget' and red 'Delete' buttons. Below these are inputs for 'Expense Price' (50.00) and a dropdown for 'Individual' (Bob), followed by a blue 'Add Expense' button. The main dashboard area in the background shows the 'Information for '2019' Budget' section, where the 'Individuals' list now shows 'Bob' with an expense of 50, and the total expense is updated to 50.