

# Test Case Specification For Team 3

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Prepared by:  
Lucy Kull, Caleb Hillhouse, Nick King

## Revision History

Version	Date	Name	Description
1	4/11/17	Lucy Kull	Initial Document

## 1 Introduction

This document provides the test cases to be carried out for the Commerce Bank Application. Each item to be tested is represented by an individual test case. Each case details the input and expected outputs.

## 2 Test Cases: Login Page

Test ID	2.1
Title	Verify Unique User
Feature	Login to Application
Objective	Confirm that proper user id and password yields access to the website as expected.
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	Login information Username = Candice Password = Candice
Test Actions	1. Start Commerce Bank application 2. Enter login information
Expected Results	System displays main application with option to logoff.

## 3 Test Cases: Reactive Site Design

Test ID	3.1
Title	Site is Useable in Mobile-view
Feature	Layout of site
Objective	confirm that the layout of the site is still useable when viewed on a mobile device
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	n/a
Test Actions	1. Launch web application 2. Adjust window to mobile view

Expected Results	System responds according to parameters given in layout
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Test ID	3.2
Title	Site is Useable in Desktop-view
Feature	Layout of site
Objective	confirm that the layout of the site is useable when viewed on a desktop
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	n/a
Test Actions	1. Launch web application
Expected Results	System responds according to parameters given in layout

## 4 Test Cases: Goals Page

Test ID	4.1
Title	Adding Goals
Feature	Goals Tab
Objective	confirm that a user can add a goal to the goals page
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Number Goal Name Goal Total Amount Goal Start/End Dates Goal Transfer Type/Amount Goal Description
Test Actions	1. Start application 2. Navigate to goals page 3. Click the add goal button 4. Enter goal data 5. Click submit button
Expected Results	Goal is added to the top of user's goal page

Test ID	4.2
Title	Editing Goals
Feature	Goals Tab
Objective	confirm that the user can edit an existing goal
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Goal ID End Date Goal Total Amount Goal Name
Test Actions	<ol style="list-style-type: none"><li>1. Create equivalence classes for user input</li><li>2. Start web application</li><li>3. Navigate to goals page</li><li>4. Click the 'edit goal' button</li><li>5. Enter data in the edit fields</li><li>6. Click Submit</li></ol>
Expected Results	Goal is displayed with desired changes

Test ID	4.3
Title	Completing Goals
Feature	Goals Tab
Objective	confirm the user can complete an existing goal and it no longer appears in the Active Goals tab
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Goal ID Goal Completed Status
Test Actions	<ol style="list-style-type: none"><li>1. Start web application</li><li>2. Navigate to goals page</li><li>3. Click the 'add funds' button</li><li>4. Transfer amount necessary to complete a goal</li><li>5. Check inactive goals tab</li></ol>
Expected Results	The goal will be moved to the inactive goals tab and marked completed (with successful/unsuccessful marker)

Test ID	4.4
Title	Make Goal a favorite Goal
Feature	Goals Tab
Objective	confirm the user can make an existing goal a favorite goal
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Goal ID
Test Actions	<ol style="list-style-type: none"><li>1. Start web app and navigate to goals page</li><li>2. Click the star on an individual goal</li><li>3. Check Summary page to see if favorited goal is listed</li></ol>
Expected Results	The favorited goal will show up on the summary page and appear marked as a favorite on the goals page

## 5 Test Cases: Budgets Page

Test ID	5.1
Title	Adding budgets
Feature	Budget Tab
Objective	confirm the user can add a budget to the budget page
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Budget Category Start/End Date Maximum Spending Amount
Test Actions	<ol style="list-style-type: none"><li>1. Start web app and navigate to the Budgets page</li><li>2. Click the 'add budget' button and fill in the fields with input data</li><li>3. Click submit button</li></ol>
Expected Results	The added Budget will appear at the top of the list of budgets

Test ID	5.2
Title	Make budget a favorite budget
Feature	Budget Tab

Objective	confirm the user can favorite an existing budget
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Budget ID
Test Actions	1. Start web app and navigate to the Budgets page 2. Click the star on an individual budget
Expected Results	The favorited budget will show up on the Summary page

## 6 Test Cases: Summary Page

Test ID	6.1
Title	View favorite Goals
Feature	Summary Page
Objective	confirm the user can see their favorite goals on the summary page
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Number
Test Actions	1. Start web app and navigate to the Summary page
Expected Results	Favorited goals appear listed underneath spending graph

Test ID	6.2
Title	View favorite Budgets
Feature	Summary Page
Objective	confirm the user can see their favorite budgets on the summary page
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Number
Test Actions	1. Start web app and navigate to the Summary page
Expected Results	Favorited budgets appear listed underneath spending graph

Test ID	6.3
Title	View spending chart
Feature	Summary Page
Objective	confirm the user can view their spending in chart-form on the summary page
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Number
Test Actions	1. Start web app and navigate to the Summary page
Expected Results	The spending graph appears at the top of the content from displaying spending for the current month

## 7 Test Cases: Notifications

Test ID	7.1
Title	Set notification frequency
Feature	notifications
Objective	confirm the user can set the frequency with which they are notified
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Number
Test Actions	1. Start the web app and navigate to the settings/account page 2. Use the drop down menu to select notification frequency for goals and budgets
Expected Results	The user's desired notification frequency appears for the user in the database table

Test ID	7.2
Title	Prompt notification
Feature	notifications
Objective	confirm notifications are prompted at set intervals



Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Number User Notification Frequency User Email Budget/Goal Current Amount Budget/Goal Maximum Amount
Test Actions	<ol style="list-style-type: none"> <li>1. Start web app and navigate to the goals page</li> <li>2. Add funds to a goal so that it reaches a notification threshold</li> <li>3. Check all thresholds to confirm that the user is receiving notifications for each</li> </ol>
Expected Results	The user should receive an email that they have reached some percentage of their goal

Test ID	7.3
Title	Send notification
Feature	notifications
Objective	confirm notifications are attempted to be sent
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Number User Notification Frequency User Email Budget/Goal Current Amount Budget/Goal Maximum Amount
Test Actions	<ol style="list-style-type: none"> <li>1. Start web app and navigate to the goals page</li> <li>2. Add funds to a goal so that it reaches a notification threshold</li> </ol>
Expected Results	The user should receive an email that they have reached some percentage of their goal

## 8 Test Cases: Calendar

Test ID	8.1
Title	View current calendar

Feature	calendar
Objective	confirm the current calendar is displayed
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Current Date
Test Actions	1. Start web app and navigate to the Transactions page 2. Use the calendar to select a date range of transactions to view
Expected Results	Only transactions between the given dates will be listed

Test ID	8.2
Title	Select and import date
Feature	calendar
Objective	confirm a user can select a date from the calendar and import it into a form
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User ID User Account Selected Date
Test Actions	1. Start web app and navigate to the Transactions page 2. Use the calendar to select a date range of transactions to view
Expected Results	Only transactions between the given dates will be listed

## 9 Test Cases: Transactions Page

Test ID	9.1
Title	Display transactions by date, name, or category
Feature	Transactions Tab
Objective	confirm a user can sort their transactions on the transactions page by date, name, and directory

Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Selected Dates Name Input Selected Category
Test Actions	<ol style="list-style-type: none"> <li>1. Start the web app and navigate to the Transactions page</li> <li>2. User the filter drop down list to select filter options</li> <li>3. Testing by date, select date from filter, use calendar range to choose date range</li> <li>4. Testing by name, select name from filter, enter description in search field</li> <li>5. Testing by category, select category from filter, choose from category drop down list</li> </ol>
Expected Results	Transactions for the given search parameters will appear in the content portion of the page

Test ID	9.2
Title	Search transactions
Feature	Transactions Tab
Objective	confirm the user can search transactions on the transactions page
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Selected Dates Name Input Selected Category
Test Actions	<ol style="list-style-type: none"> <li>1. Start the web app and navigate to the Transactions page</li> <li>2. User the filter drop down list to select filter options</li> <li>3. Testing by date, select date from filter, use calendar range to choose date range</li> <li>4. Testing by name, select name from filter, enter description in search field</li> <li>5. Testing by category, select category from filter, choose from category drop down list</li> </ol>
Expected Results	Transactions matching search phrase will appear in the content portion of the page

Test ID	9.3
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Title	Recategorize transactions
Feature	Transactions Tab
Objective	confirm the user can recategorize transactions on the transactions page
Setup	Web Browser or device has Commerce Bank Application ready to run
Test Data	User Account Number Transaction ID New Category
Test Actions	<ol style="list-style-type: none"><li>1. Start web app and navigate to the Transactions page</li><li>2. Select a transaction from the list, and click the edit button</li><li>3. Select category from drop down list, or create new category</li></ol>
Expected Results	The transaction will be displayed with the new category given from user input