

## Use Cases

Title:	View Spending Pattern for Current Month
Actors:	User
Preconditions:	User is at the Overview page (the default page arrived at from the user's Commerce Bank account)
Postconditions:	Funds are added to savings goals, otherwise None
Basic Flow / Main Success Scenario 1. User arrives at the Overview page 2. User sees the donut chart representing the current month's spending from the user's accounts 3. User sees and compares the monthly income with the current month's total spending 4. User sees the badges earned 5. User sees the progress of the savings goals 6. User scrolls down to see the current month's budget goal categories and their progress	
Alternate Flow / Extensions 2a. User has not spent any money yet and so no chart appears 2b. User selects a bar chart to see 2c. User selects a horizontal bar chart to see 2d. User selects a polar area chart to see 2e. User selects a line chart to see 5a. User clicks on one of the savings goals Add Funds \$ buttons to drop money into the goal 5b. User has set no goals yet and so sees none 6a. User has not set any goal categories yet and so sees none	
Open Issues 1. How to best understand the information the user wants to see upon entering the app	

Title:	View/Add Goal Categories to Budgets
Actors:	User
Preconditions:	User has clicked on the Budget tab
Postconditions:	New goal categories are added, edited, or deleted, otherwise None
Basic Flow / Main Success Scenario 1. User sees the current budget categories 2. User sees the monthly income-to-current spending ratio 3. User clicks on the Add New Category button 4. User goes to and fills in the form for a new budget category 5. User submits and sees the new category	
Alternate Flow / Extensions 1a. User has no budget categories set yet and so sees none 3a. User clicks on the Edit button to update the information form 3b. User clicks on the Delete button to erase the category	
Open Issues	

1. What percentage mark of a gauge to change the gauge color to indicate how close the user is to reaching the budget amount limit
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Title:	View/Add Savings Goals to Goals
Actors:	User
Preconditions:	User has clicked on the Goals tab
Postconditions:	New savings goals are added, edited, or deleted, otherwise None
Basic Flow / Main Success Scenario	
1. User sees the list of current savings goals under the Active Goals tab	
2. User sees the percentage of total goals reached, the number of current goals, the number of successful goals, and the number of unsuccessful goals	
3. User clicks on the Add New Goal button	
4. User goes to and fills in the form for a new goal	
5. User submits and sees the new goal	
6. User clicks on a goal's Add Funds \$ button	
7. User selects an account to add funds to and types the amount	
8. User clicks the Transfer button to transfer the money to the goal	
Alternate Flow / Extensions	
1a. User has no goals set yet and so sees none	
2a. User clicks on the Edit button to update the information form	
Open Issues	
None	

Title:	View/Search Transactions
Actors:	User
Preconditions:	User has clicked on the Transactions tab
Postconditions:	None
Basic Flow / Main Success Scenario	
1. User sees the list of the current month's transactions	
2. Users sees the list of accounts	
3. User selects a start and/or end date and/or enters a phrase in the search bar and clicks on the Filter button	
4. User sees the resulting transactions that match the filter	
5. User clicks the Reset button to return to the default display of transactions	
Alternate Flow / Extensions	
1a. User has made no transactions the current month and so sees none	
Open Issues	
1. How to implement advanced/smart search with suggested keywords and auto-spelling	

Title:	View Trends
Actors:	User

Preconditions:	User has clicked on the Trends tab
Postconditions:	None
Basic Flow / Main Success Scenario 1. User sees the donut and bar charts representing spending over time 2. User sees the important spending stats (total, most spent, least spent, and average spending) 3. User selects a spending category and/or start date and/or end date to filter the spending stats and clicks the Filter button 4. User sees the resulting stats that match the filter 5. User clicks the Reset button to return to the default display of spending stats	
Alternate Flow / Extensions None	
Open Issues None	

Title:	View Badges
Actors:	User
Preconditions:	User has clicked on the Badges tab
Postconditions:	None
Basic Flow / Main Success Scenario 1. User sees all badges currently earned 2. User sees how many badges have been earned out of the total badges possible 3. User sees the most recent badge earned 4. User clicks on the Twitter icon and says something about the Commerce Bank app or its badges. 5. User clicks on the Facebook icon and says something about the Commerce Bank app or its badges	
Alternate Flow / Extensions None	
Open Issues None	