Paprika Finance

Use-Case Specification: Graphs

Version 1.0

Revision History

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Use-Case Specification: Graphs

# Graphs

## Brief Description

The user can view a graphical representation of their transaction history, so they can adjust their financial activities. The graphs can be adjusted to show information relating to specific time spans or categories.

# Flow of Events

## Basic Flow

The user begins by selecting view graphs from the menu. The system displays graphs showing the total amounts from all transactions. The top graph shows data separated by date, and the bottom graph shows data separated by category. The user can select the date at the top of the page. The system then displays a calendar and allows the user to select a range of dates to display the data. The system automatically adjusts the graphs based on the selected range. The user can tap on labels in the legend to filter them out of the graphs (the system also automatically updates the graphs).

# Special Requirements

## Usability

The system should always be able to update the graphs without any further inputs from the user.

## Reliability

The system should always display transaction information correctly. Values should be sized based on magnitude, but negative values should be identifiable when inspected.

# Preconditions

## Logged In

The user must be logged in to view the graphs page.

## Existing Transactions

The user does not need to have any pre-existing transactions to view the graphs page; however, the system will not display graphs if there are no transactions.