

# iOS Programming Challenge

## Description:

As a user, I'd like to see a monthly overview of my expenses. I want to know how much I spent that month in total, whether I was over/under budget, what category I spent the most on, and what expenses I created in that time.

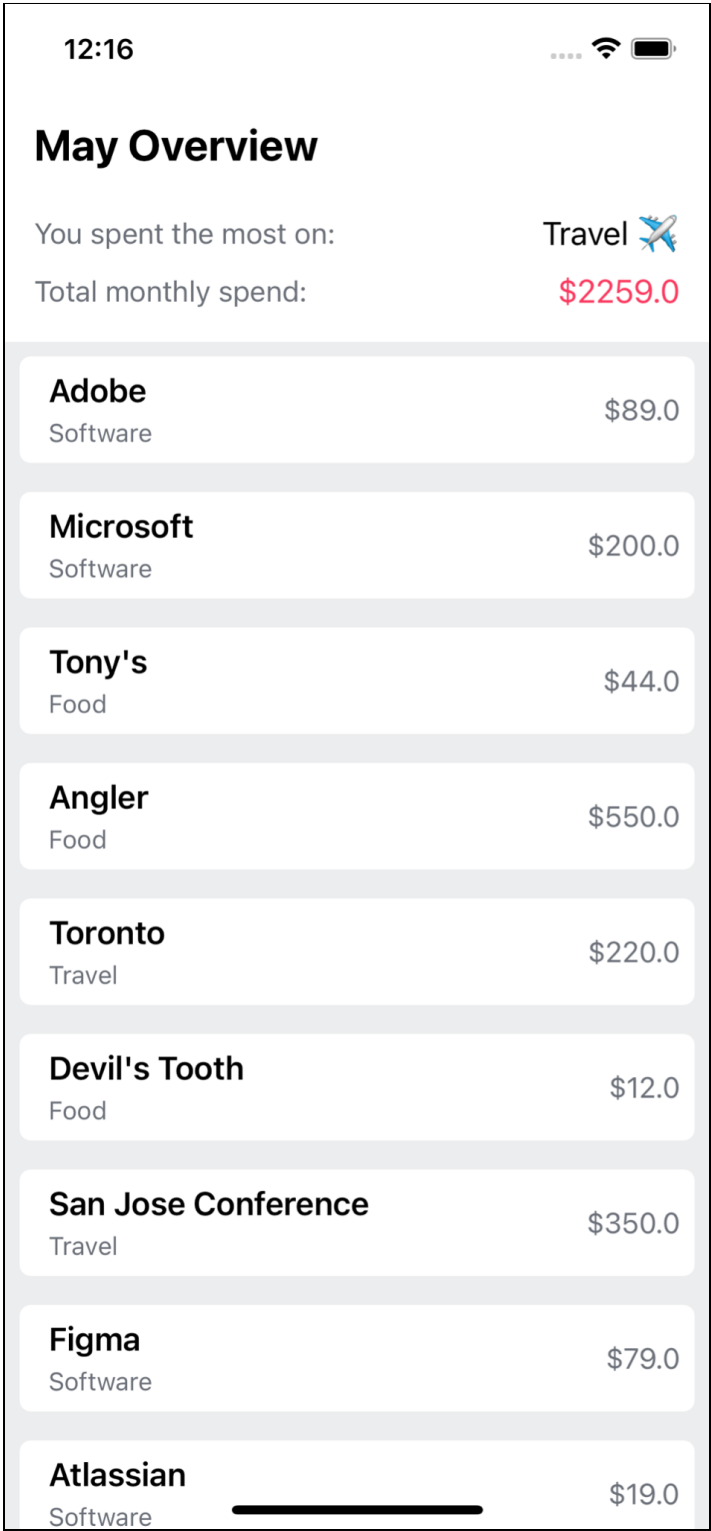
## Acceptance Criteria:

- Display current month in “\ (month) Overview” title label.
- Display category with most spend as the first overview attribute.
  - Display icon to the right of category display name.
- Display total monthly spend as the second overview attribute.
  - Text color should be **radical** if over monthly budget, **bajaBlast** if under monthly budget.
- Display all expenses.
  - For each expense, display title, category, and amount.

## Technical Details:

- Monthly budget can be fetched via a function in the API class
- API exposes a publisher that emits an array of expense data, which are “all expenses” for a given moment. Periodically, the publisher will emit a new set of expense data to be displayed.
- Colors are provided in an asset catalog as well as in an extension to UIColor.
- Category options, display names, and icons are as follows:
  - Display names:
    - food -> "Food"
    - software -> "Software"
    - travel -> "Travel"
    - none -> ""
  - Icons:
    - food -> "🍕"
    - software -> "💻"
    - travel -> "✈️"
    - none -> ""

Design:



Design (redline):

