



Ruby Project Presentation

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Money Tracker Project - Motivation

Initially appeared the most involved project

MVP straightforward(ish)

Scope for extra logic / functionality in the extensions

Project would benefit from a good front end (my weak point)

I have a Monzo card so know what a good tracker can do!



Money Tracker - Planning - MOSCOW

MUST (MVP)

Allow user to create, delete and edit merchants and categories

Allow assignment of merchants and categories to transactions

Display all transactions in a single view



Money Tracker - Planning - MOSCOW

SHOULD (EXTENSIONS)

Transactions should have a timestamp, and user should be able to sort by time

User should be able to supply a budget, app should alert when near / over budget

Be able to filter view to see all transactions by merchant / category / month etc



Money Tracker - Planning - MOSCOW

COULD (MY IDEAS)

Check for duplicate categories / merchants?

A simple dashboard overview on a home screen?

WON'T

Have multiple users



Money Tracker - Planning - User Needs

	As a...	I want to...	So that...
Person 1	Person on a budget	Know how much I've spent and how much I have left	I don't run out of money before pay day



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Person 2	Person who does one large shop a week	Know how much it costs per shop at different retailers	I can get the best value for money
Person 3	Person who does not monitor their spending at all	Have a breakdown of where my money is going by category (groceries, taxis, restaurants etc)	I can identify and quantify bad (and good!) spending habits



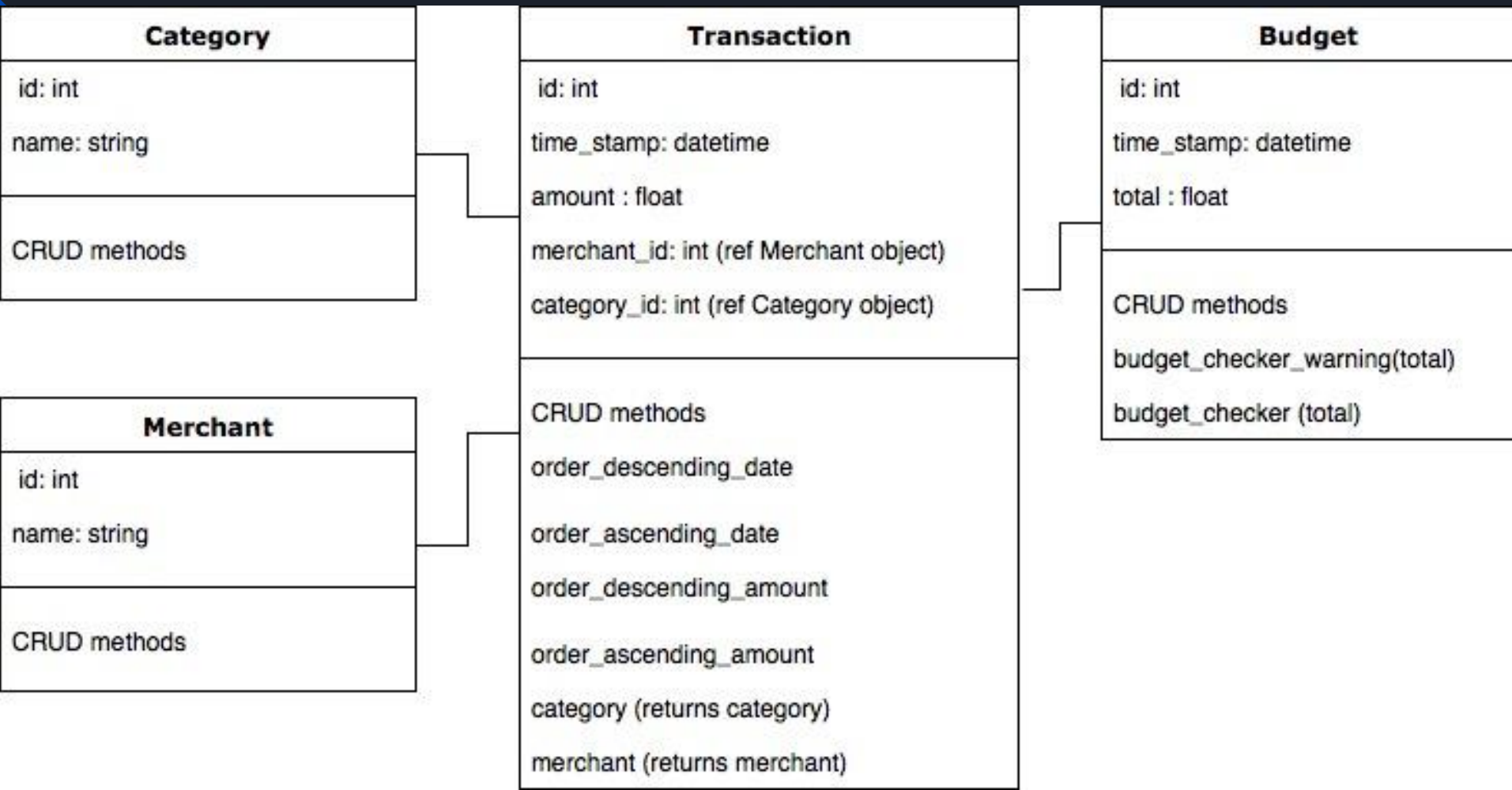
Money Tracker - Planning - Classes

Taking nouns and verbs from brief gave a good approximation of the classes and methods I'd potentially need:

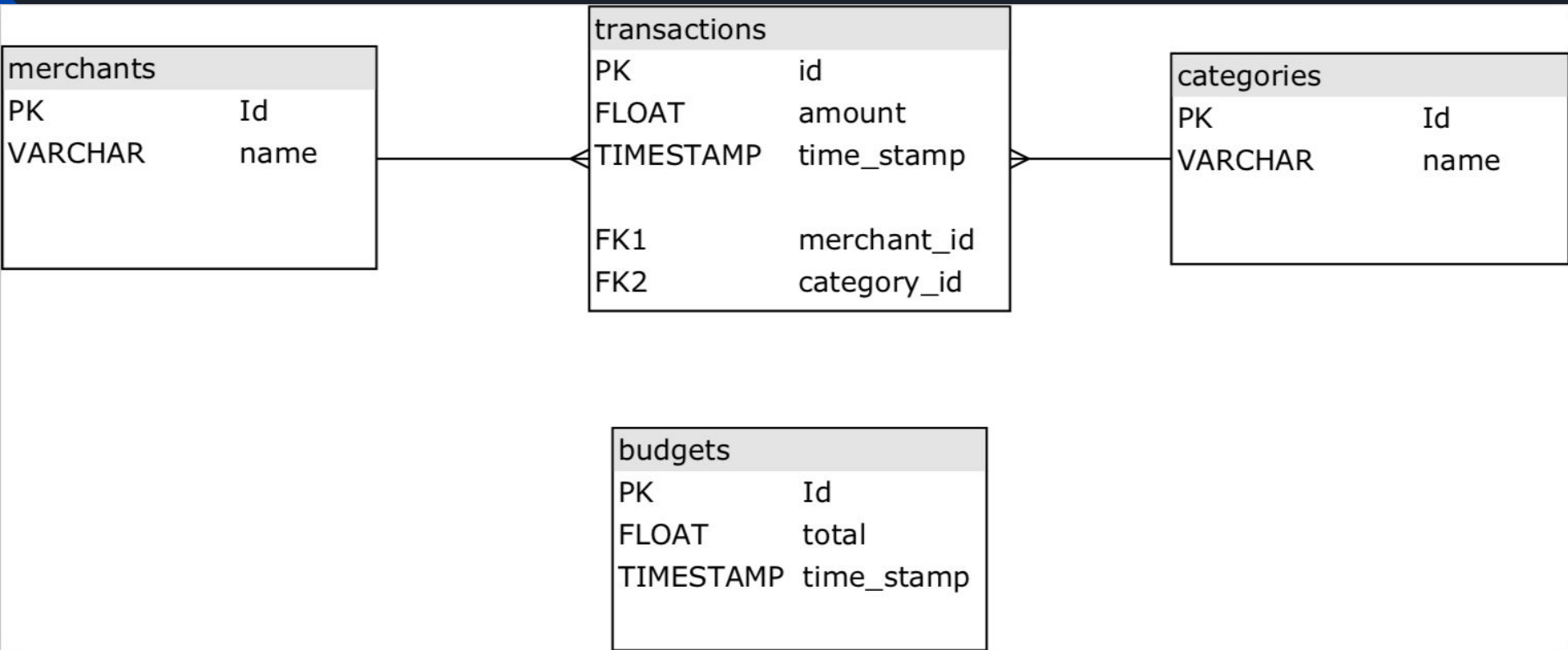
Classes: User, Budget, Transaction, Merchant, Category

Methods: Create, Edit, Delete, View, Filter, Alert user, etc

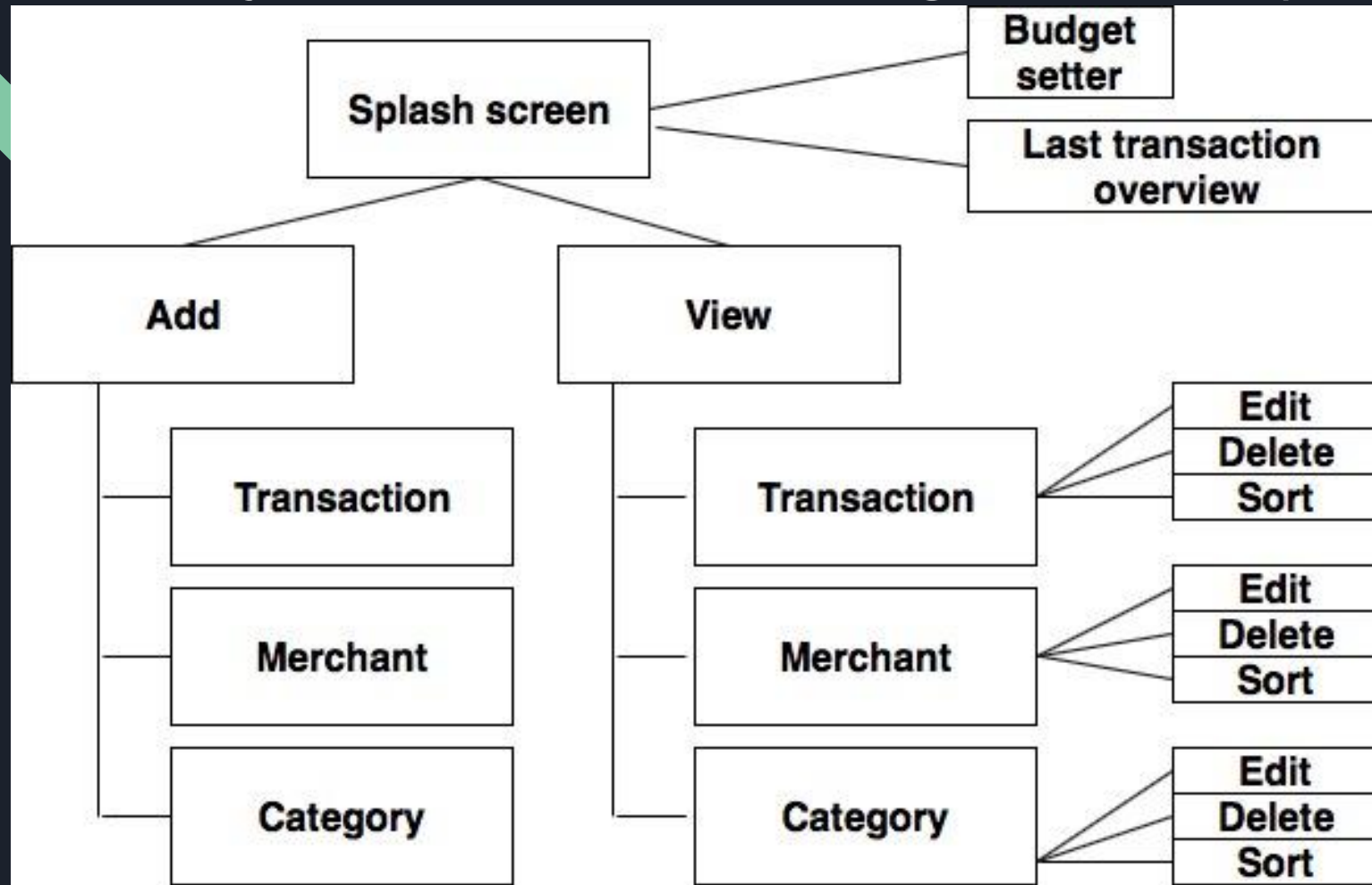
Money Tracker - Planning - Classes



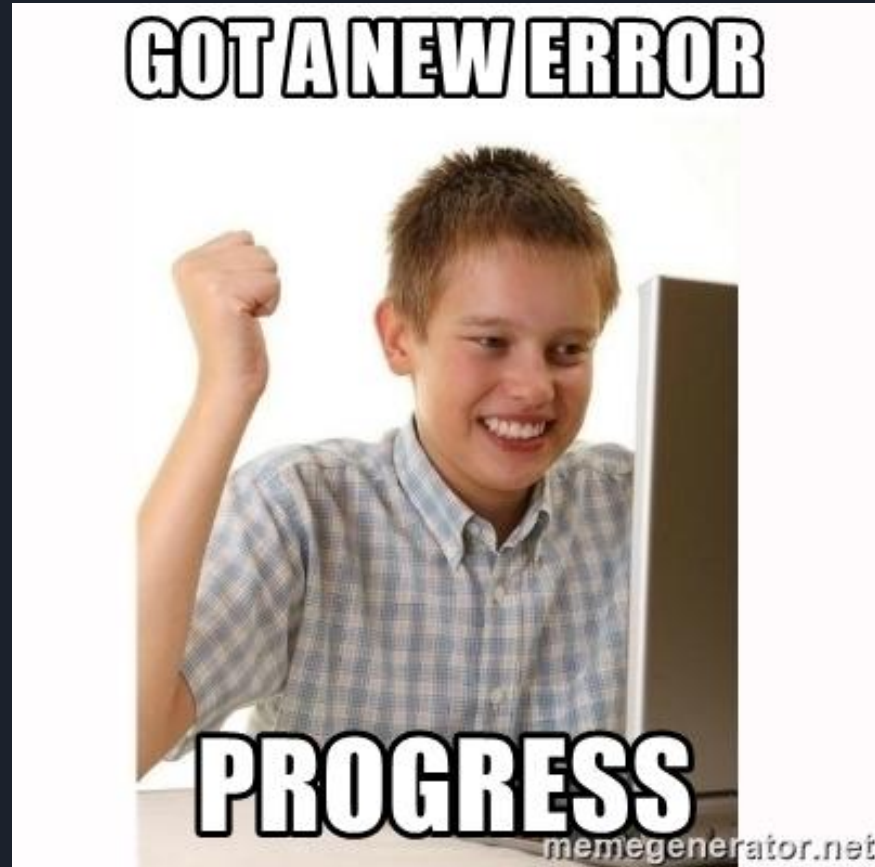
Money Tracker - Planning - Databases



Money Tracker - Planning - Sitemap



Money Tracker - Planning - Development Diary





Money Tracker - Planning - Wireframes

First main lesson learned - wireframes for each view are **very** helpful!

Not having a good grasp of what I wanted the app to look like cost me time as there was a lot of needless iteration

This coupled with poor Flexbox knowledge made Tuesday stressful!

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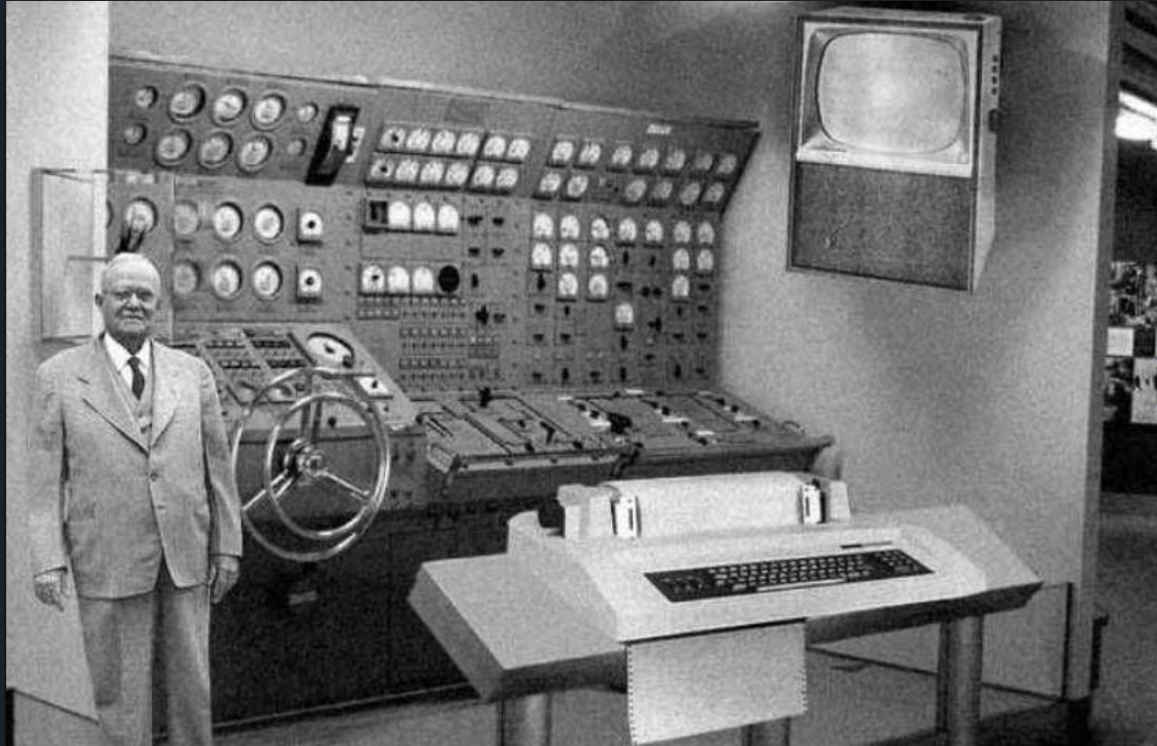
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It's Demo Time !!!





Money Tracker - If I had more time...

More features I'd like to add:

A way of ensuring duplicate Merchants and Categories can't be added

Assigning a colour to each category, for easier identification in category view

Nicer forms! (can these be done in flexbox easily?)

A footer :)

Thanks for listening!!!

