Contenido

[**Introduction** 1](#_Toc4742142)

[**Part one: Entities involved in the system** 1](#_Toc4742143)

[**Part two: Road to Data Base** 2](#_Toc4742144)

# **Introduction**

The need of an application to track the way we spend money is something that lets you know how income is used, saving money or maybe wasting it.

This application is a personal project to track my personal income and spending records, based on amount, date, paying mode, category, and more details explained as progress on development is made.

# **Part one: Entities involved in the system**

First is important to define entities that will be working on the system interaction, the first one is the “Transactions” entity, this is very important due to it will store every change made to our budget, income or spends will be here stored in order to keep a dated record of the money movements. This first cycle defines some attributes to be given to the entity, where Amount, Date, Pay Mode, Transaction Type, category and description will be the start.

Transactions entity: This entity will store useful data about each movement made to our budget sources, that might be a Debit card, Credit Card, or cash.

* Amount: Defines the amount of money made (In home currency) by the transaction.
* Date: The date of the transaction, it should be possible to define a past date, trying to focus on the date of the transaction performance instead of the date of data capturing.
* Pay Mode: The name of this may have a better one, but here it’s defined the source or the way the transaction was made, in other words, if something was paid by Debit card, Cash, Credit card, this will help to make other calculations, to know the balance of each one.
* Transaction Type: If it’s an income or an expense, so it’ll help to make proper calculations

# **Part two: Road to Data Base**

First step in this project is to define a Data Base with actual data about any expense made though the whole month. This will help to have an actual data to work with and having an actual data structure to capture records.

# Part three: Tools intended to be used to build the application.

As the intention is to build a web-based application to keep a good management of expense and income, this project will let to experiment with some development tools, some of them are Django (Python) and SQLite (DB).

Notes: This file must be updated as soon as possible. And there’s a possibility that some files must not be tracked and commited in the actual working repository.