Accounts

1.	Feetures	5
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	What	will	the	app	contain	?
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- ✓ Login => Password (Encrypted) Page
- Create an account *Page*
- Create a savings account Page
- Create a bills account Page
- To input data in these accounts *Page*
- Category system that will include a tree organisation of the categories
- To have summury feedback (Balance and then per month the revenues and expencies + details if wanted button detail) Page
- To have a global feedback of all accounts Page
- A menu to switch pages

2. The futur possible upgrades

- To be able to add an account from an Excel container
- To access directly data of an account through an API
- To incorporate AI to help speed things up
- An admin acces to manage the users
- Mapping of errors with diplaying on the page => modif de la page err404 en error puis param : nbr
- Forgotten password

3. Architecture

The project will be implemented with a MVC (Model View Controller) architecture.

Acces to the pages will be done by a **Router**

A Interaction Handler will manage the feedback to the user regarding the small messages

The views engine will be **Plates**

4. Login

The goal of the page is to offer security to the user's data and a way to access it

Features

- o A field for the user name form
- A field for the password *form*
- A link if the password was forgotten page and then action for later

A link to register page

The DB Scheme:

VARCHAR(50) id PK
/ARCHAR(100) name NOT NULL UNIQUE
/ARCHAR(256) hash NOT NULL

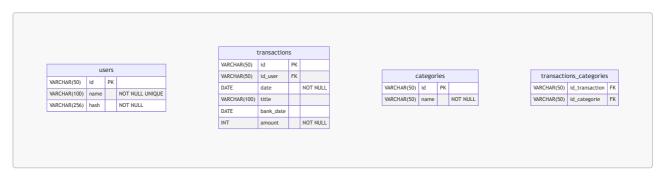
5. Accounts

The purpose of those pages is to add accounts of different types

Features

- A field for the name of the account
- A field for the level of categories

The DB Scheme:



6. Data analysis (summary feedback)

The aim of this page is to have a list of the accounts an then to be able to access one and to add data or to check the summary

Features

- Home Page with the account list page
- A view which can be parameterized to
 - add data
 - remove data
 - edit data
 - summarize data per month and balance
- A style CSS with the options summary, input on the left

7. The categories system

Intended to organize the categories of the expenses and the incomes

Features

- A input method for each level of categorie (For instance, a subcategory is a level 2 category)
- A graph feedback to see in form of a chart the categories => Maybe mermaid