**Project 1 – Budget Tracker**

**Waqas Ali**

**Class: Expense (year, month, rent, grocery, medical, travel, other)**

Methods:

monthly\_expenses (month),

add\_expenses (month, rent, grocery, medical, travel, other),

update\_rent (month, rent),

update\_grocery (month, grocery),

update\_auto\_expenses (month, auto),

update\_medical\_expenses (month, medical),

update\_other\_expenses (month, other),

\_\_str\_\_(),

\_\_init\_\_()

**Class: Income (year, month, salary, bonus)**

Methods:

monthly\_income (month),

add\_income (month, salary, bonus),

update\_salary (month, salary),

update\_bonus (month, bonus),

\_\_str\_\_(),

\_\_init\_\_()

**Class: Investment (year, month, stocks, crypto, retirement\_fund, realstate)**

Methods:

monthly\_investment (month),

add\_investment (month, stocks, crypto, retirement\_fund, realstate),

update\_stocks (month, stocks),

update\_crypto (month, crypto),

update\_retirement\_fund (month, retirement\_fund),

update\_realstate (month, realstate),

\_\_str\_\_(),

\_\_init\_\_()

* stocks
* crypto
* property
* RSU
* SPP
* 401K

**Class: Budget (year)**

Methods:

cash\_flow(), net\_worth(), \_\_str\_\_(), \_\_init\_\_()

**Class: budget\_manager (year, # of accounts, account\_names)**

Methods:

get\_accounts(),

fill\_income(),

fill\_expenses(),

fill\_investments(),

accounts\_snapshot(),

change\_an\_entry()

Budget

February

March

April

May

January

October

July

August

September

December

November

June

Income

Investment

Expense

Bonus

Grocery

Auto

Medical

Other

Rent

Realstate

Stocks

Crypto

401K

Salary

Budget Class

Income Class

Income

February

March

April

May

January

October

July

August

September

December

November

June

Salary

Bonus

Expense Class

Grocery

Auto

Medical

Other

Rent

Expense

February

March

April

May

January

October

July

August

September

December

November

June

Investment Class

Investment

February

March

April

May

January

October

July

August

September

December

November

June

Realstate

Stocks

Crypto

401K

Add manager class that will talk to the user …