View Pesa Class
Diagram

User

+ username:str
+ password:str

+ getUsername(username):str
+ updateUsername(username):str

Expense

+ expense_id: int
+ category: str
+ date: date
+ amount: float
+ description: str

+ addExpense(date, amount, category, description):none
+ updateExpense(date, amount, category, description): none
+ deleteExpense(): none
+ getAmount(): float
+ getDate(): date
+ getCategory(): str
+ getDescription(): str

Category

+ name:str
+ color:str

+ updateName(name):str
+ updateColor(color): str

ExpenseNote

+ note:type
+ date_added:date
+ expense_id:int

+ updateNote():str
+ updateDateAdded():date
+ getNote():str
+ getDateAdded():date

Visual Insights

+ expense_id:int
+ expense_data:array

+ expense_distribution():str
+ category_comparison(category1, category2):str
+ expense_report(): str

AuthenticationManager

+ users:str = defaultValue
+ logged_in_user:boolean

+ register_user(username, password):none
+ login_user(username, password):boolean
+ logout_user():boolean