View Pesa Class Diagram

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

Transaction
+ transaction_id: int
+ category: str
+ date: date
+ amount: float
+ description: str
+ addTransaction(date, amount,
category, description):none
+ updateTransaction(date,
amount, category, description):
none
+ deleteTransaction(): none
+ getAmount(): float
+ getDate(): date
+ getCategory(): str
+ getDescription(): str

Category + name:str + color:str + updateName(name):str + updateColor(color): str TransactionNote + note:type + date_added:date + transaction id:int + updateNote():str + updateDateAdded():date + getNote():str + getDateAdded():date

Visual Insights
transaction_id:int
transaction_data:array
transaction_distribution():str
category_comparison(category1,
ategory2):str
transaction_report(): str

AuthenticationManager

+ users:str = defaultValue
+ logged_in_user:boolean

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