Introduction to Java CS9053

Java Final Project

Introduction: In today's fast-paced world, effective management of personal finances is crucial for individuals. To assist with this, we propose to develop a "Personal Finance Manager" - an application that helps users track and manage their financial transactions.

Objective: To provide a user-friendly interface for tracking personal financial transactions. To offer categorization of expenses and incomes for better financial planning.

Here is the Google Drive Video link:

<https://drive.google.com/drive/folders/11AbbMwPS0KIrwwFd4g4ZRzzV9tPkKEgw?usp=drive_link>

Functions:

1. Before using it, users need to create an account, and the data will be saved. 图形用户界面, 应用程序

   描述已自动生成
2. After the users log in their own account,图形用户界面

   描述已自动生成
3. They can Transfer their money between two their own accounts or to the other users.

图形用户界面, 文本, 应用程序, 聊天或短信

描述已自动生成

1. After press transfer to yourself, Customers can make regular plans for their finance account, and there will show how much money the user can earn after one month and half month and one year. 图形用户界面, 文本, 应用程序

   描述已自动生成
2. The user also can transfer to others, and the self-amount will update. 图形用户界面, 应用程序

   描述已自动生成
3. There is a detail bottom, and user can check every transfer. 表格

   描述已自动生成

The computer should have the maven.

Code:

In main/java/bankapp/database/databasehelper:  
it helps to manage the users account money,

to make the transfer and

connect to the main/resources/db

In main/java/bankapp/gui:

There are several frames.

Mainframe: the main page of app

LoginFrame: for login

TransferFram: to transfer others or self.

In main/resources/db:

It records the data.