EXPENSE MANAGER

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Introduction

We are making an expense manager application which is specifically designed for the university expenses and make it easier for a student to manage finances. It is designed to be **simple**, **intuitive**, **stable** and **feature-rich application**.

Problem

If you don't check your spending and create a budget, you will have no control whatsoever on your money. Instead, **money will control you**, and you will either have perpetual lack of funds or you will end up steeped in debt.

If you are clueless about how much is your **inflow** and how much you are **spending**, you will not know at the end of the month what happened to your money. If you don't have great financial management skills, you will not know how to categorize your expenses. In this day and age, when expenses are going through the roof, we need an **Expense Manager App.**

Solution

So, we have made an **Expense Manager** Application. This Expense Manager application will help one manage and report one's expense. It has been designed to be a **great budget manager** tool for anyone who is concerned about their spending. It's designed to be a feature rich application with numerous tools such as **adding category**, **expense entry**, **expense listing**, **monthly expense listing** and **yearly expense listing**. One can also add **remark** beside their spent category to know specifically for what purpose the money was spent.

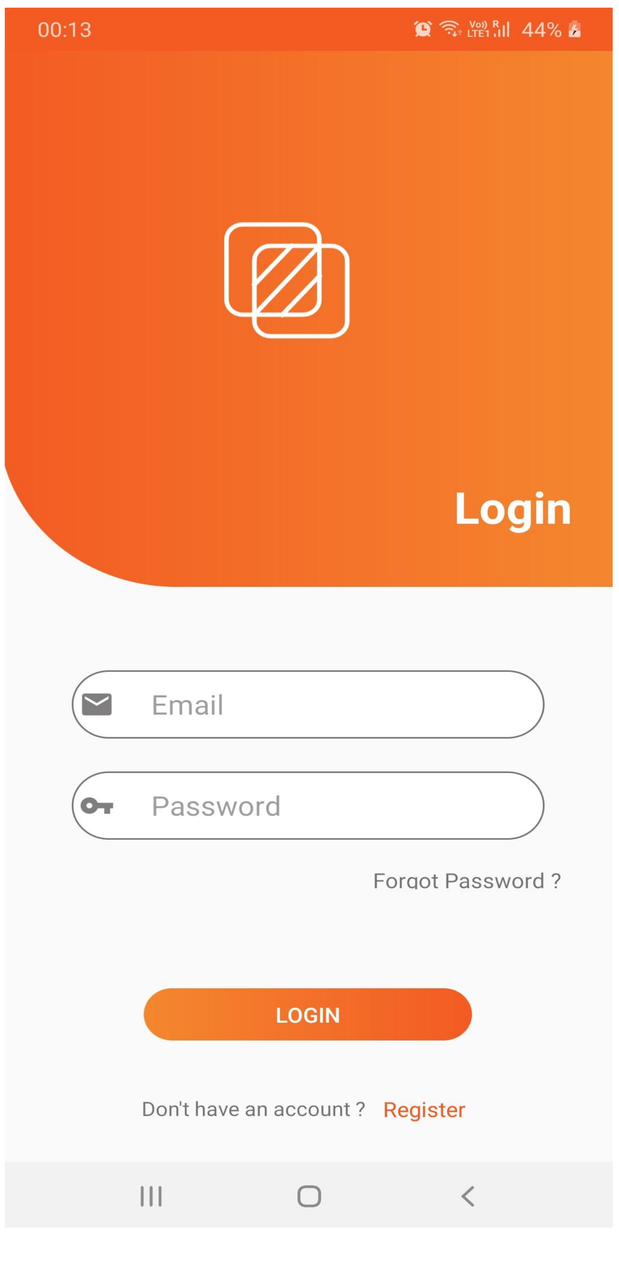
Techniques Utilized

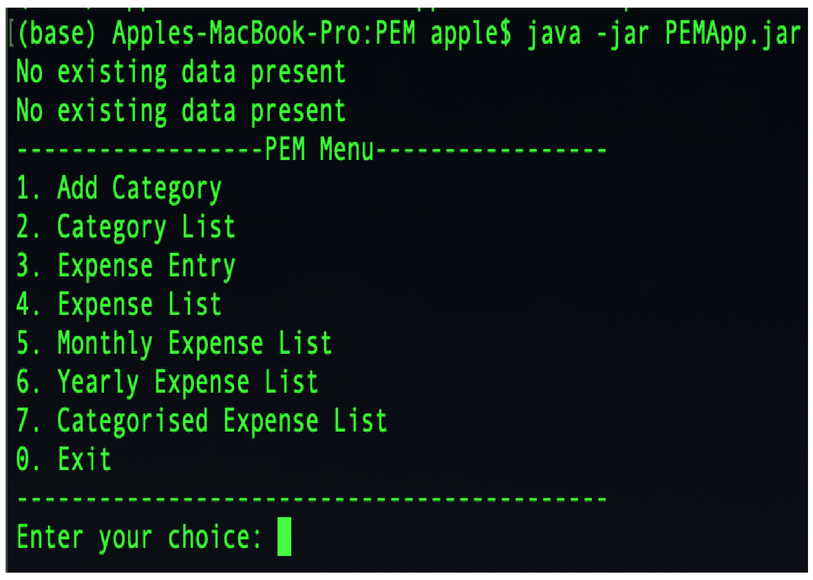
Android Studio is **Android's** official IDE. It is purpose built for *Android* to accelerate one's development and help one build the highest-quality apps for every *Android* device.

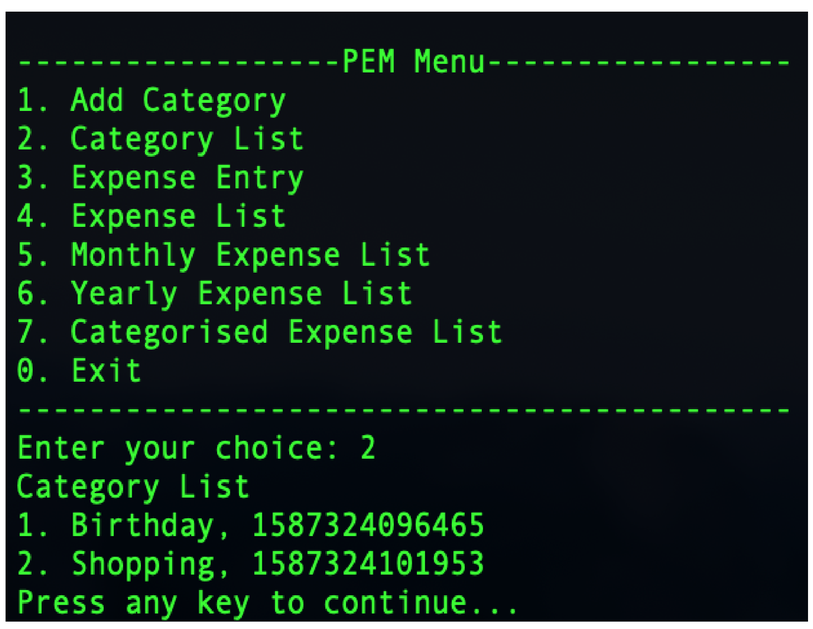
Java Virtual Machine (**JVM**) is an engine that provides runtime environment to drive the **Java** Code or applications.

Google's Firebase is cloud based database and is used for authentication.

User Interface/Demo Snapshots







Conclusion

Thus the JAVA Application and the Android App will act as a **pocket diary.** It will store all the expenses in the form of a **Database** and can be **edited** independent of the location and the time.

Future Work

Later on, we have planned of deploying this application on a **Cloud platform**. In addition to this, making the application available to **iOS** Devices. There are also plans of working with **Artificial Intelligence** which will analyse and give graphical result of incomes and expenses.