Personal Expense Tracker Application

Project Design Phase 1:

Proposed Solution - Days 2

The chosen idea is **Idea 4:Expense tracker Apps**.Of all the ideas mentioned above,this particular one provides the best user interface.Furthermore this requires a minimal effort from the user side to track their expenditure.

Other additional includes the following:

- It Provides pictorial representation of expenses
- Remainders to log the transactions to maintain consistency
- Automate the process of splitting of group expenses among the users
- It provides tips to save money

Novelty:

- Adding a group expense feature, wherein, a user can enter other users' ids' along with the type of activity and the total group expense. App automatically evenly splits the money and records it in all mentioned users' profile.

Feasibility:

- Unlike arbitary methods of writing in a notebook or using envelopes, or even considering modern methods such as using a spreadsheet, using this application is quick and the users can record their expenses in a jiffy.
- Way faster in understanding our expense history by pictorial representation unlike other methods, where some time is required to understand our previous arithmetics and notations
- Can be accessed anywhere using mobile, desktop, laptop etc.
- There is only one main feasibility issue - app becomes unusable without internet connection

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Scalability:

- Deployment is going to happen in cloud, deployment is going to happen via containerization, hence, highly scalable.

Social Impact:

- It will help the people to track their expenses and also alerts when they exceed the limit of your budget
- Group expenses are handled seamlessly.

Business Impact:

- Application can be provided in a subscription based model