Project Design Phase-I

Solution Architecture

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Project Name	Personal Expense Tracker
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SolutionArchitecture (Minimum Viable Architecture):

What we should do: Propose a minimum viable architecture that is flexible and fulfills the minimum necessary requirements.

MVP Idea: Web application that tracks a user's expenses.

Product Requirements:

1. Initialize balance on signing up.
2. Update balance whenever necessary.
3. Add expenses with optional descriptions.
4. Group related expenses.
5. Modify an expense.
6. Display remaining balance.
7. Display graph of expenditure (over a user-specified period of time).
8. Set a monthly limit on expenditure.
9. Notify users when they exceed their monthly limit.
10. Add specialized support for different types of users such as students, family, etc.

Priority Product Requirements:

1. User authentication.
2. Initialize balance on signing up.

3. Update balance whenever necessary.
4. Add expenses with optional descriptions.
5. Display remaining balance.
6. Set a monthly limit on expenditure.
7. Display summary of expenses.