

A group of 5 friends (A, B, C, D, E) go on a 2-day trip.

'C' handles the travel booking for the group.

Accommodation is booked by B.

Food is shared in groups where 'A' paid for A, B, C. E paid for D and herself.

Design a simple app for a group to be able to manage their expenses of the trip. The expectation is to include the following sections;

- Summarize your version of understanding the problem statement
- Process flow diagram/User journey along with feature list on App
- Wireframes for the app
- Simplistic excel grid for the example showing how the data will be stored and tracked to closure.

Details on expected functionalities are listed below for reference;

- To allow users onboarding
- To allow creation/modification of user groups for specific purpose - like trip/outing/meal.
- To allow expense entry
- To upload receipt copies of expenses
- To allow tagging/untagging group members relevant for each expense
- To allow payback to selected group member in whole or in parts
- To close the group once all the expenses are split equally & reconciled with payments between 5 users.