

Splitwise

Time Limit : 2 hrs - 90 mins coding + 30 mins evaluation

Problem Statement :

- Develop a solution for sharing expenses
- User can create an expense with another User and share the expense based on:
Percentage share
- Exact amount of share
- User should be able to view pending balances with other users
- Users should be able to record a payment settlement to clear balances with a user.

Expectations

- Clean professional level Code
- Functional Completeness including Backend, modelling
- Please focus on solving use-case by use-case. Please ensure that you have at least one use-case totally built out
- Plain but E2E design
- User Identification but not authentication
- You have a choice of CLI, Web or an App based frontend interface.
- Completeness and handling of multiple scenarios, future extensibility are an added bonus.
- Backend Database is optional. However modelling should be complete.