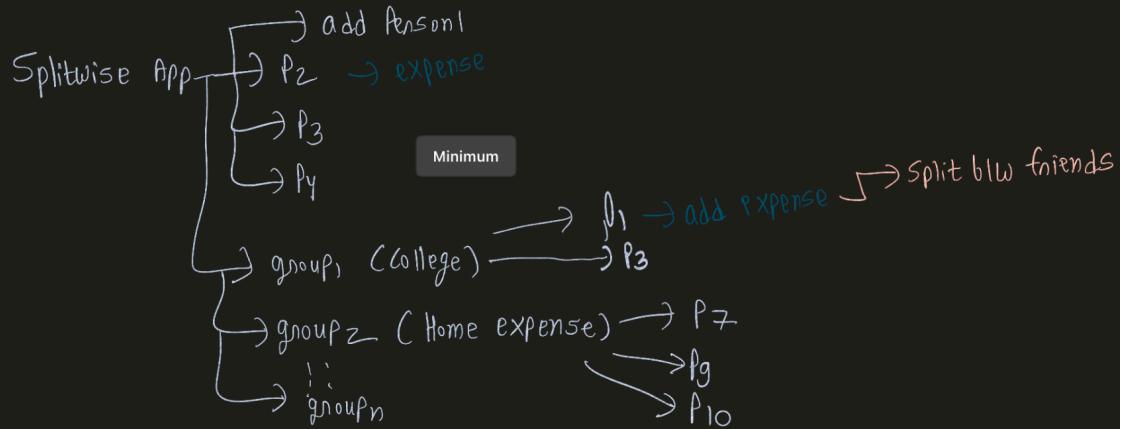


* Requirement Gathering



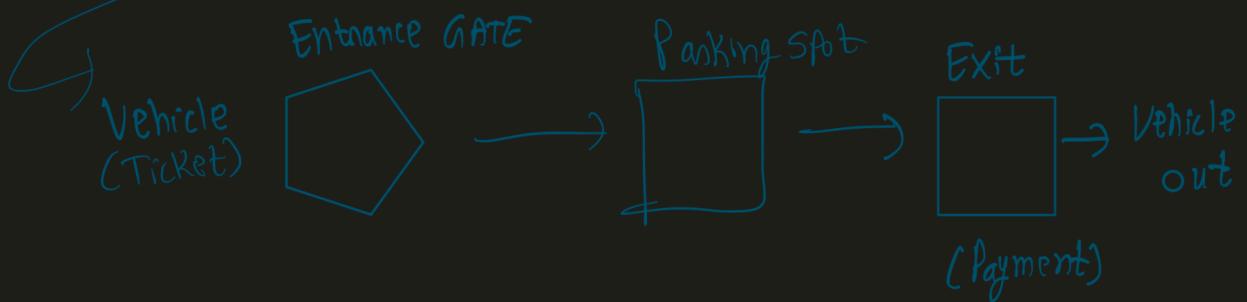
六

Requirements :

- ① Add friend Capability
 - ② Add Manage Group
 - ③ Add Manage friend inside Group
 - ④ Manage expense Inside a group / Without a Group
 - ⑤ Split expenses Capability
Minimum
 - equal
 - unequal
 - Percentage Wise Split
 - ⑥ Balance sheet for each User

How to approach:

- ① Make rough flow in mind & requirement classification



Requirement classification

- ① How Many Entrance & exit
(our code should be Scalable
to add more, entry & exits)
→ 1 entrance
→ 1 exit

- ② Different type of parking spot?
* Two wheeler
* Four Wheeler
* Three Wheeler

- ③ what are Payment strategy?

- * Hourly
 - * Minutes
 - * Mixed
- ④ Parking Spot should be nearest to entrance
 - ⑤ floors parking?

Minimum

- ### Objects
- ① * Vehicle We are interested in → Vehicle No. → enum { 2 wheeler }
* Ticket → entry time, Parking Spot (2 or 4 wheeler)
 - ② * entrance GATE → find parking space, Update parking space, Generate Ticket
* parking spot → id, isEmpty, Vehicle, Price, Type, Nearest parking space
* exit GATE → Cost calculate, Payment, Update parking spot

