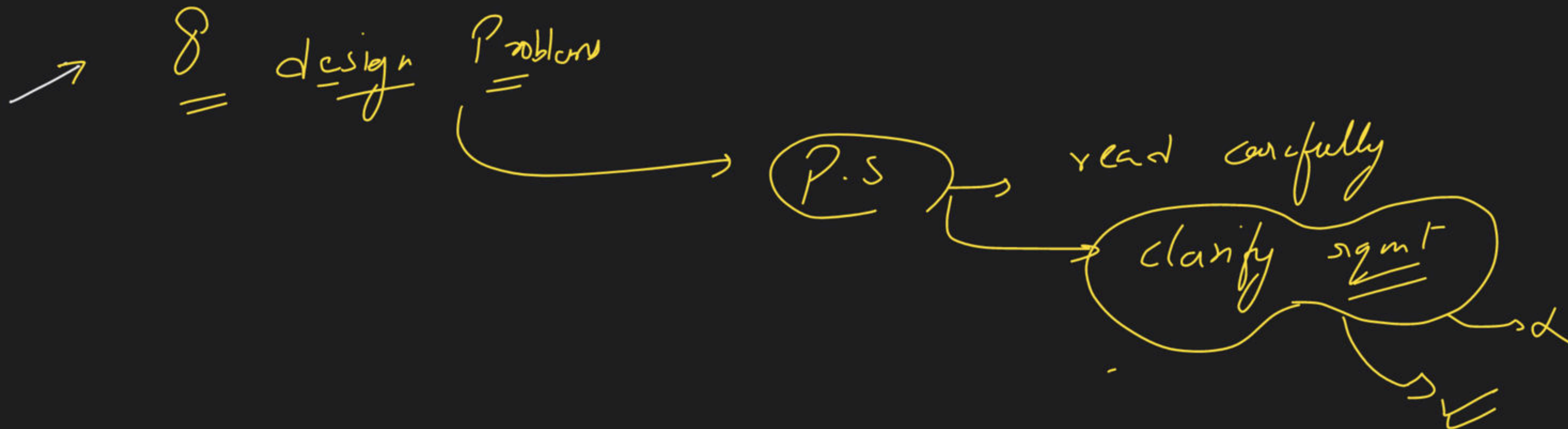


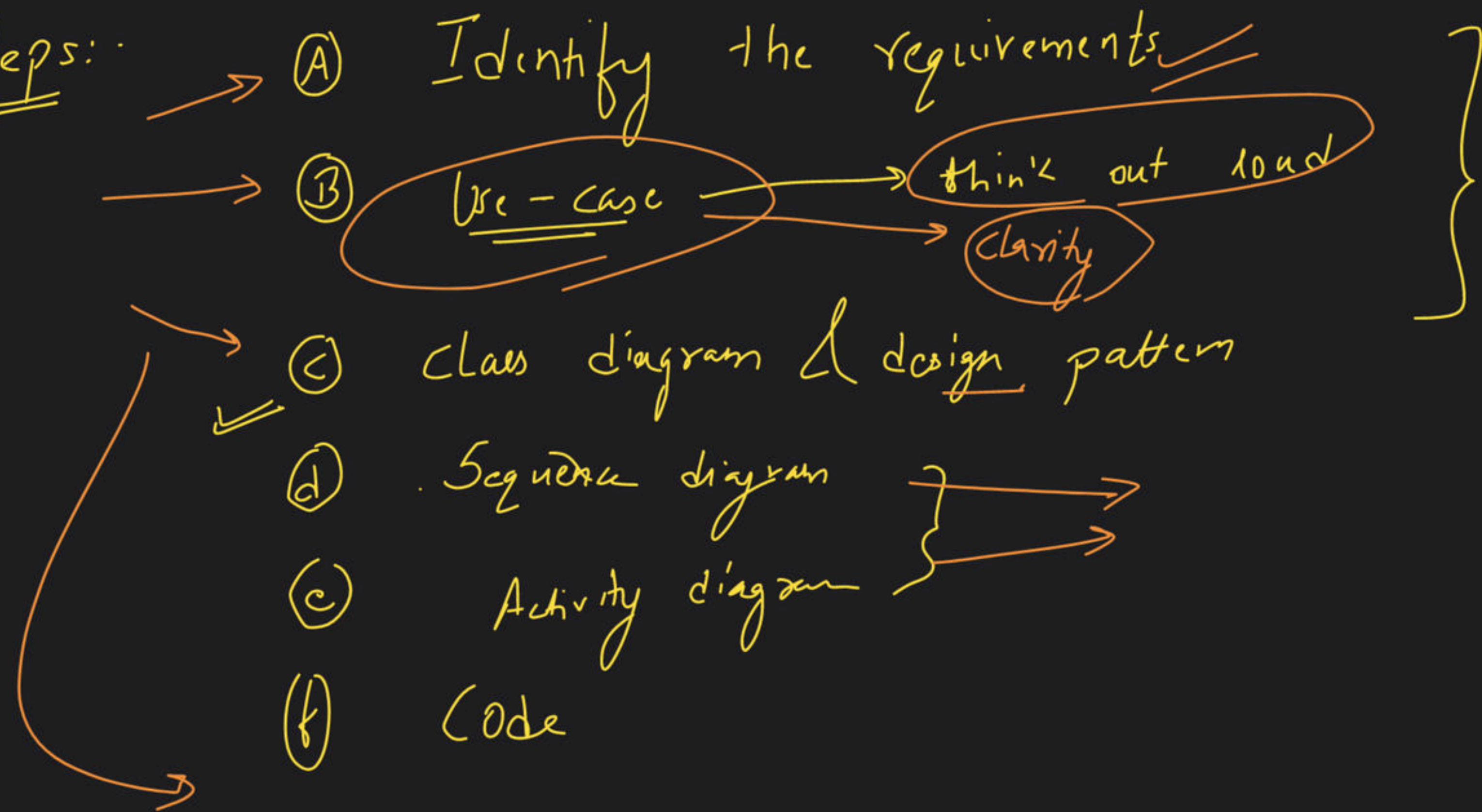


How to solve Design Problems ?

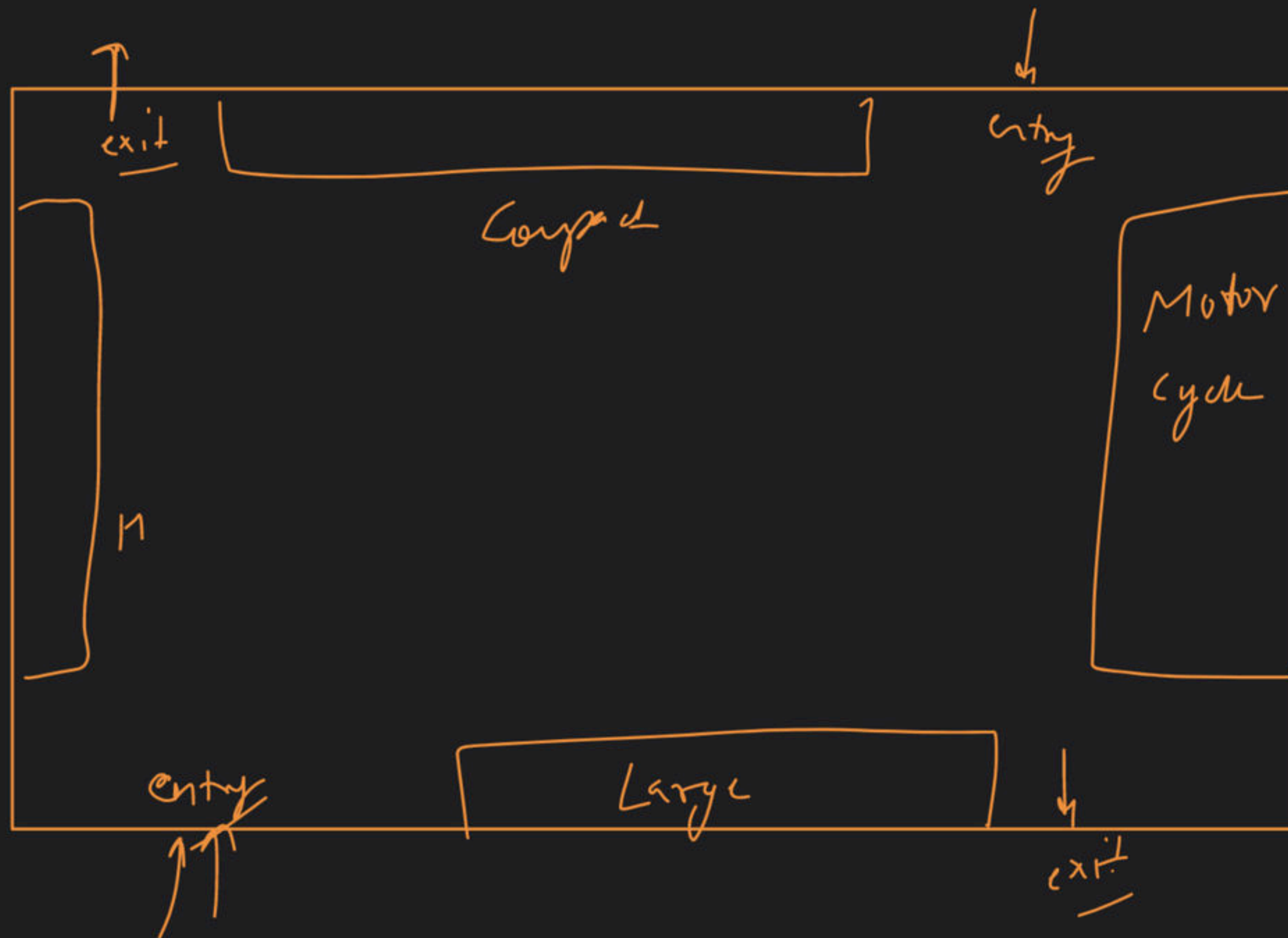
Special class



Steps:



→ Parking Lot System:-



available
full

Capacity -> 40k

Use-Case

- ↳ Actors
- ↳ use-cases
- ↳ relationship

Kal → 7pm

9pm

Agent → Customer

Association
generalization
ind. rel.

Scan ticket

<<include>>

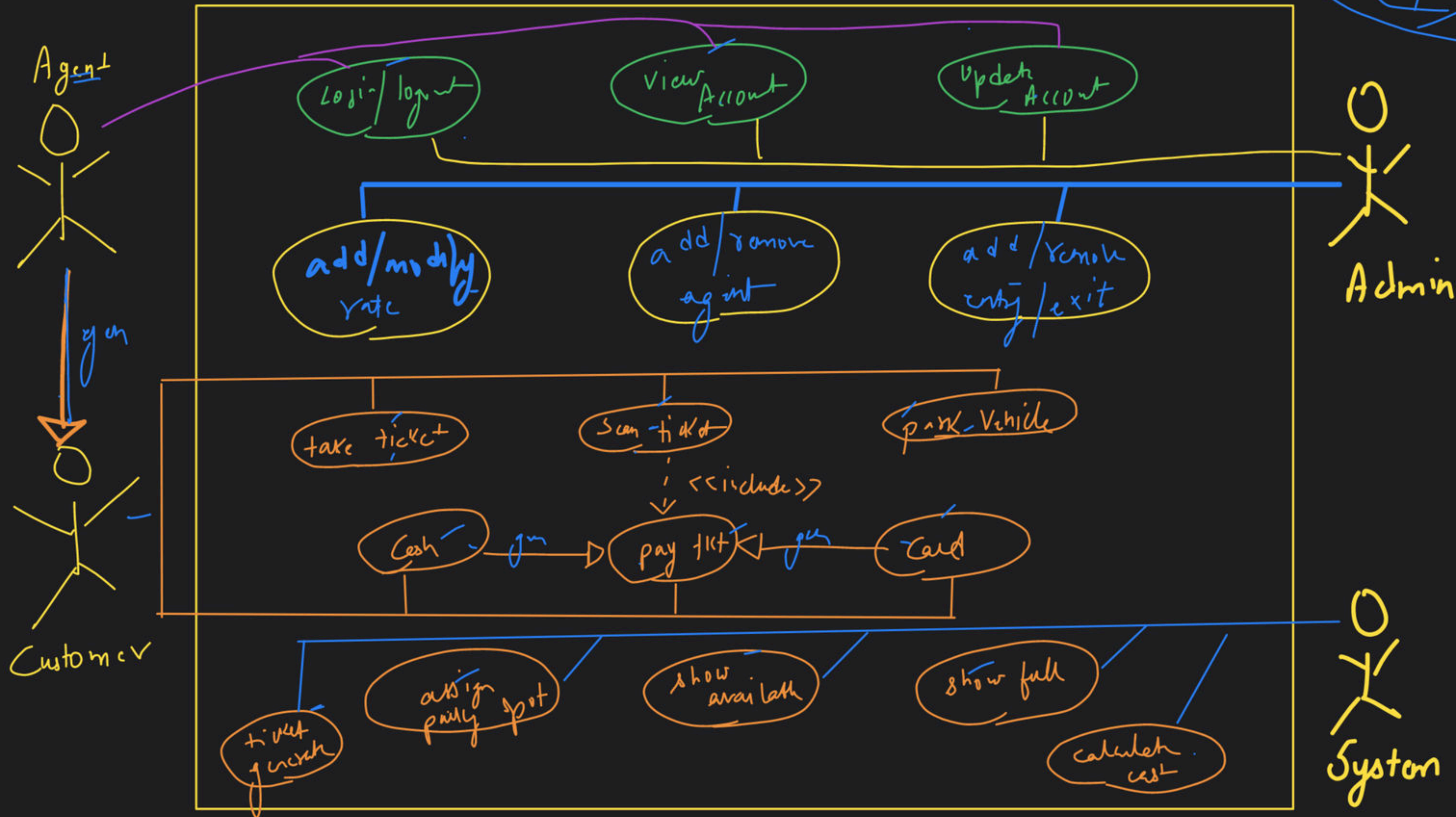
Cash

Pay
tkt

Card

Customer	Agent	System	Admin
<ul style="list-style-type: none">→ take ticket ✓→ scan ticket ✓→ pay ticket ✓→ cash ✓→ card ✓→ park vehicle ✓	<ul style="list-style-type: none">→ login/logout ✓→ view Account ✓→ update Acc. ✓→ take ticket ✓→ scan ticket ✓→ pay ticket ✓→ cash ✓→ card ✓→ park vehicle ✓	<ul style="list-style-type: none">→ assign parking spot ✓→ show full ✓→ show available ✓→ calculate cost ✓→ ticket generate ✓	<ul style="list-style-type: none">→ login/logout ✓→ view Acc. ✓→ update Acc. ✓→ add/modify rate ✓→ add/remove agent ✓→ add/remove entry/exit ✓

H/w



7pm



Kal

LPV

A hand-drawn diagram showing four dog houses, each represented by a yellow-outlined rectangle with a peaked roof. The houses are arranged in a row. Below each house is a label in yellow text, with a yellow arrow pointing from the house to the label. The first house is labeled 'German Shepherd running'. The second house is labeled 'Labrador running'. The third house is labeled 'Cocker Spaniel sitting & chilling', with 'Cocker Spaniel' circled in yellow. The fourth house is labeled 'Rottweiler running'. Each label is followed by a short horizontal yellow line. The entire diagram is enclosed in a blue rectangular border.

German Shepherd running

Labrador running

Cocker Spaniel sitting & chilling

Rottweiler running