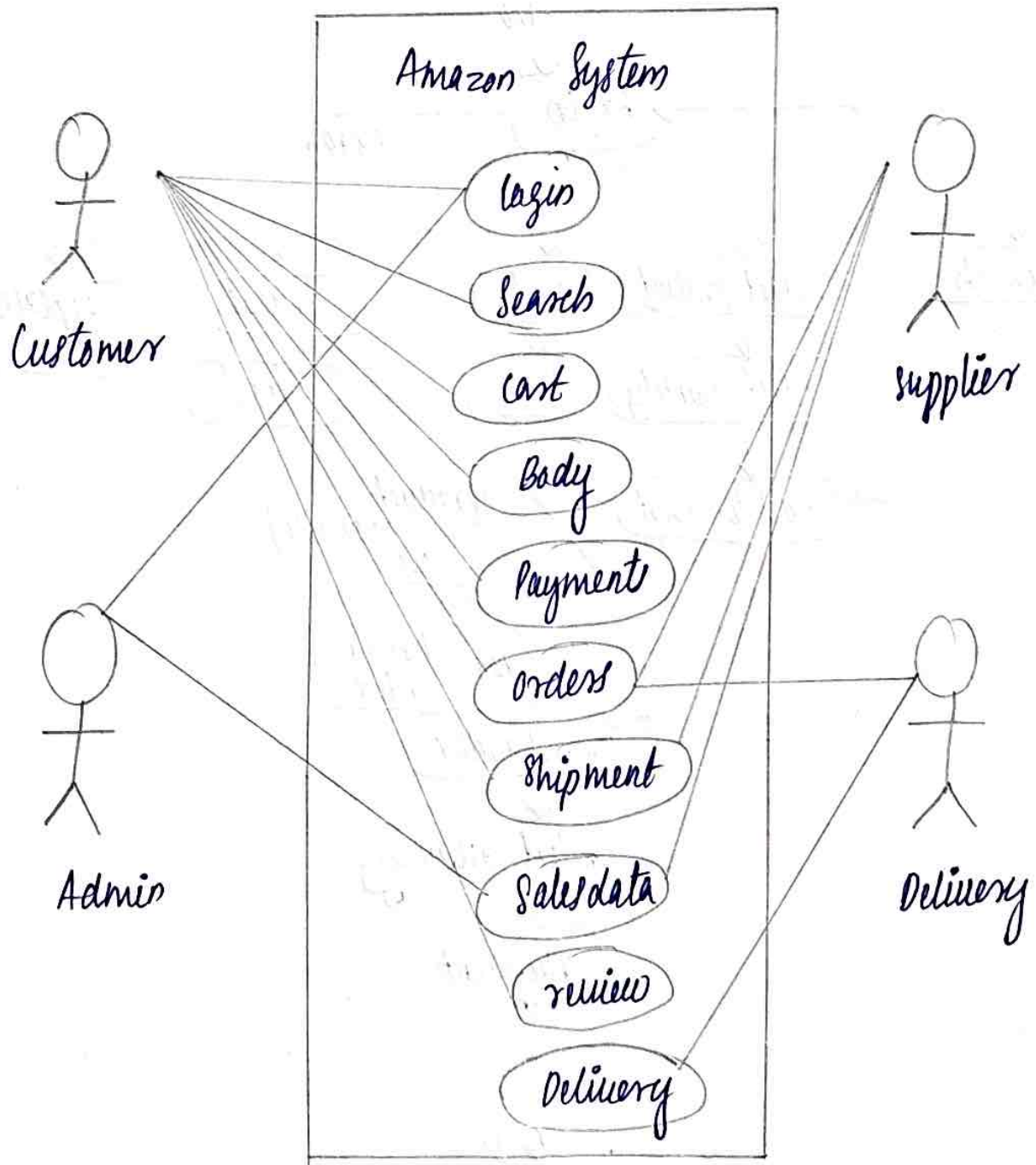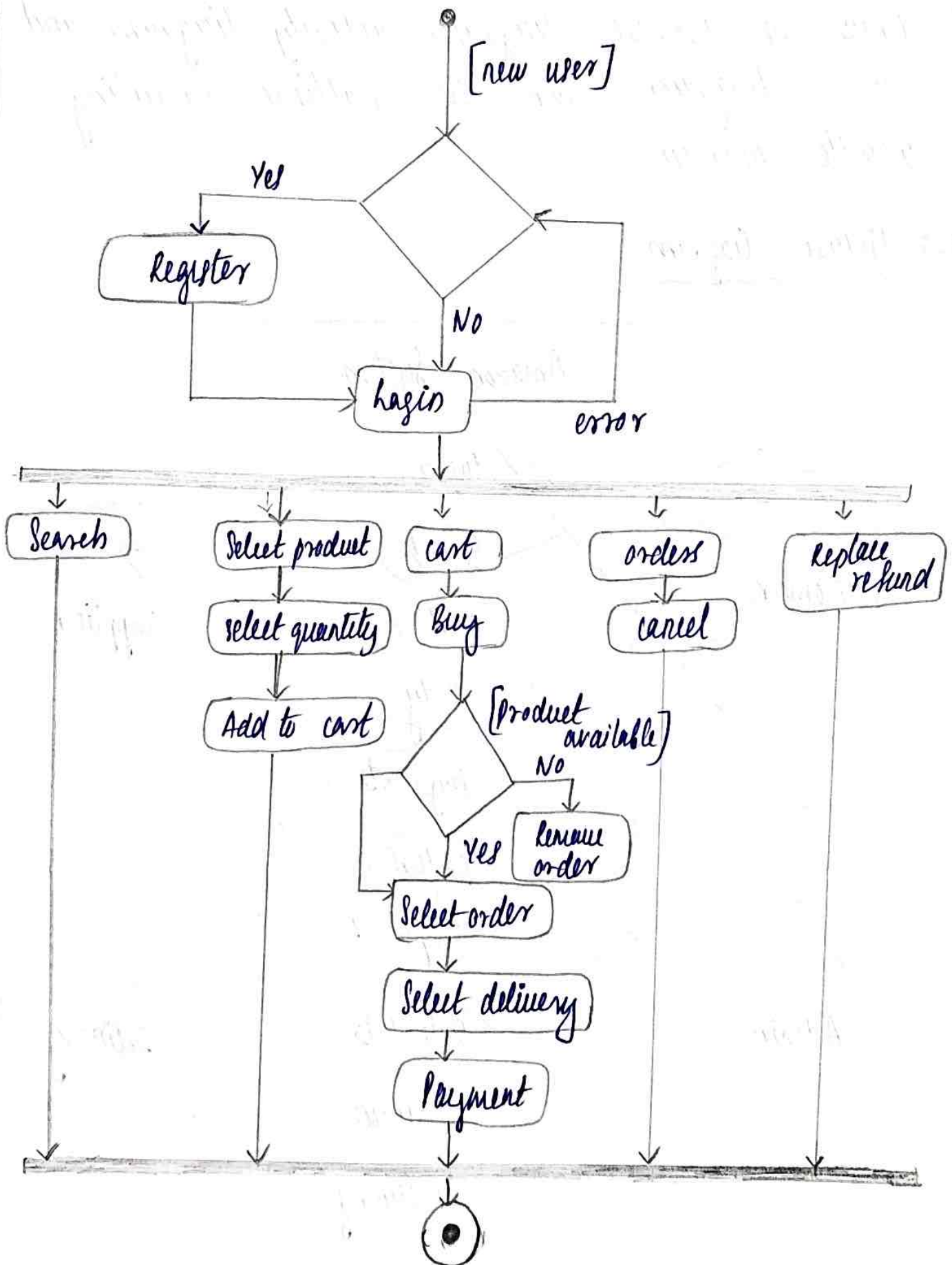Shadhiya Shahul
Roll no: 58

TUTORIAL - I

① Draw the usecase diagram, activity diagram and sequence diagram for the realtime executing website - Amazon

ans: <u>Usecase diagram</u>

Activity diagram
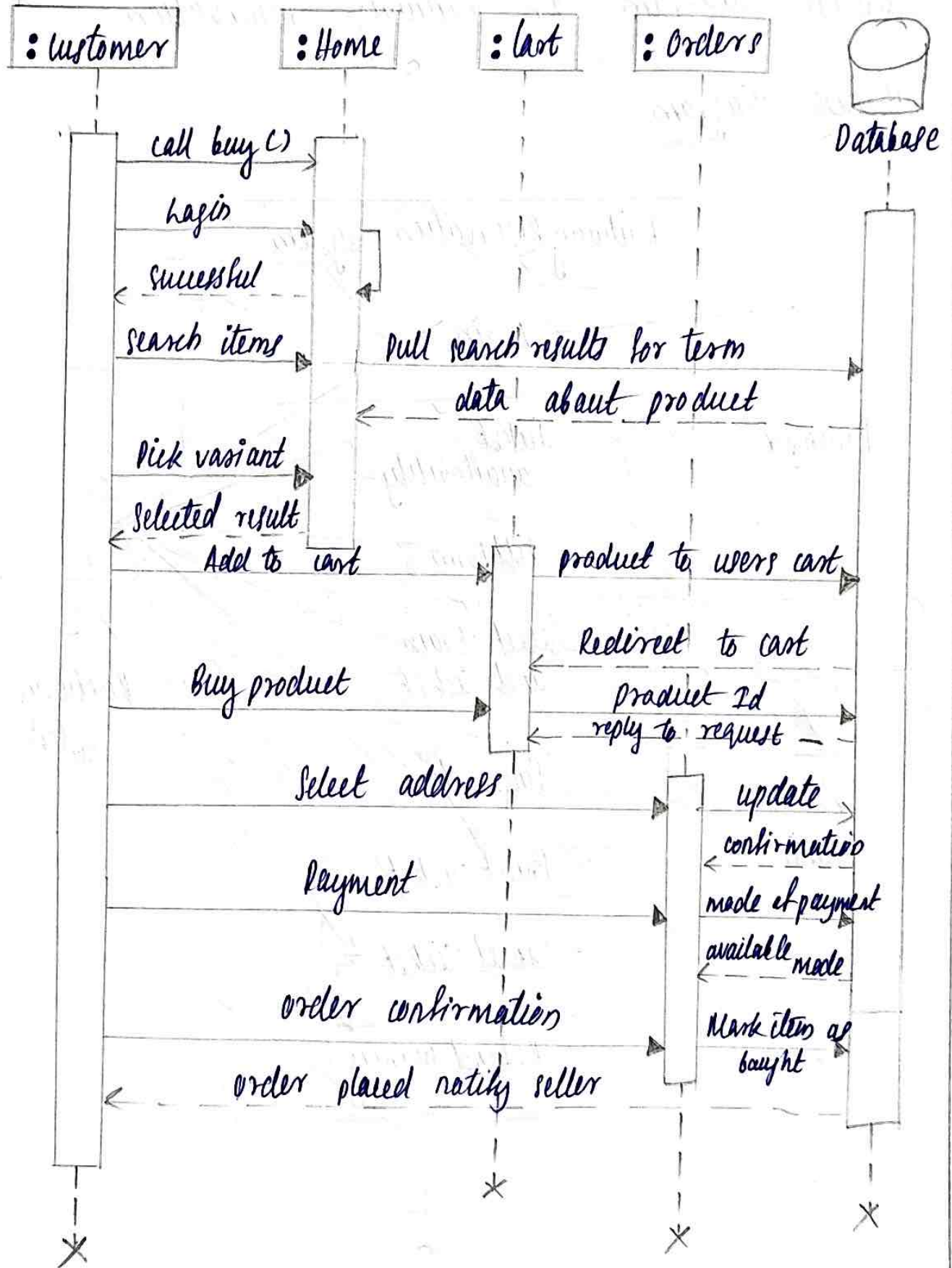
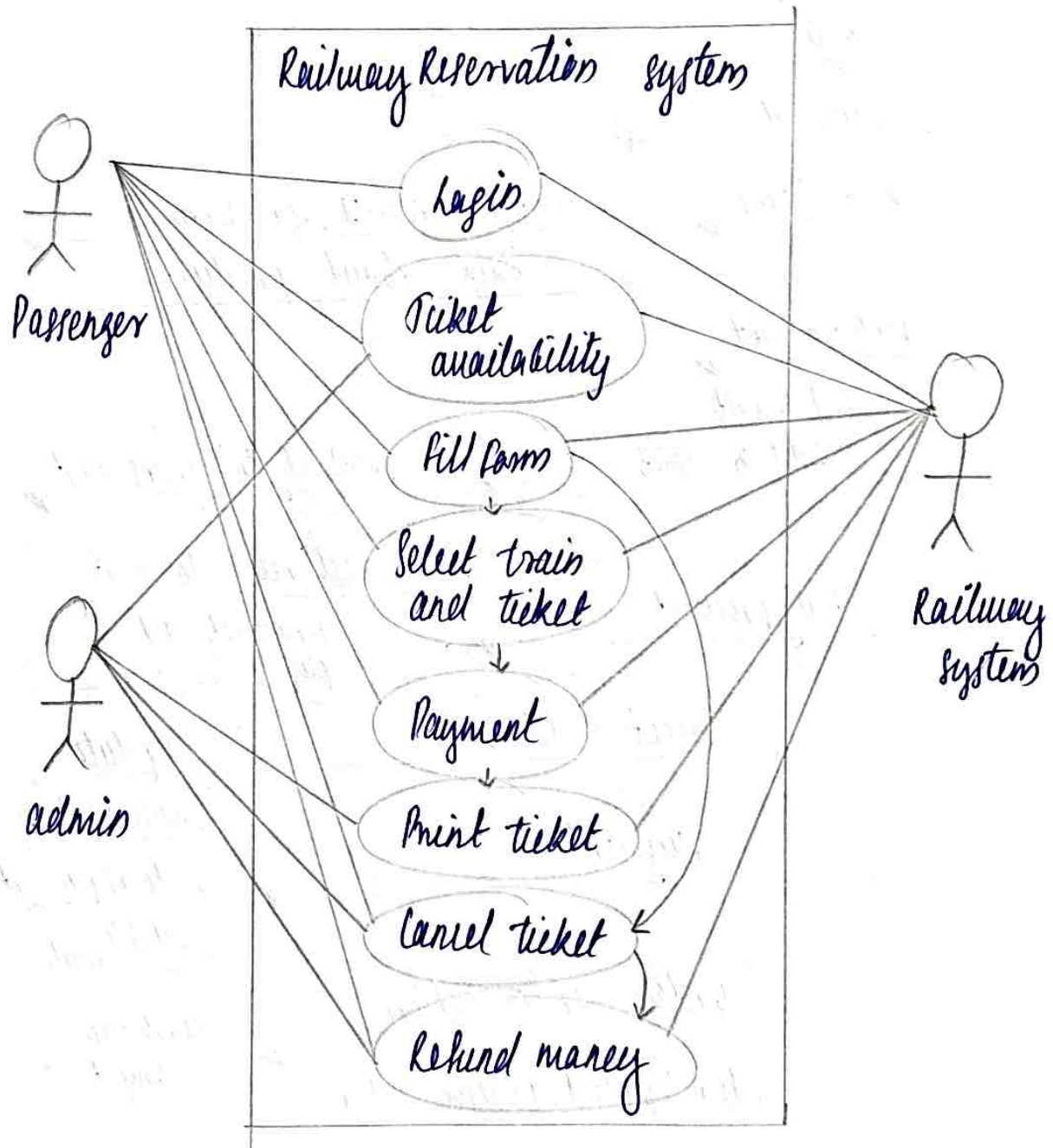[new user]

Yes

Register

No

Login

error

Search | Select product | cart | orders | replace refund

select quantity | Buy | cancel

Add to cart

[Product available]

No

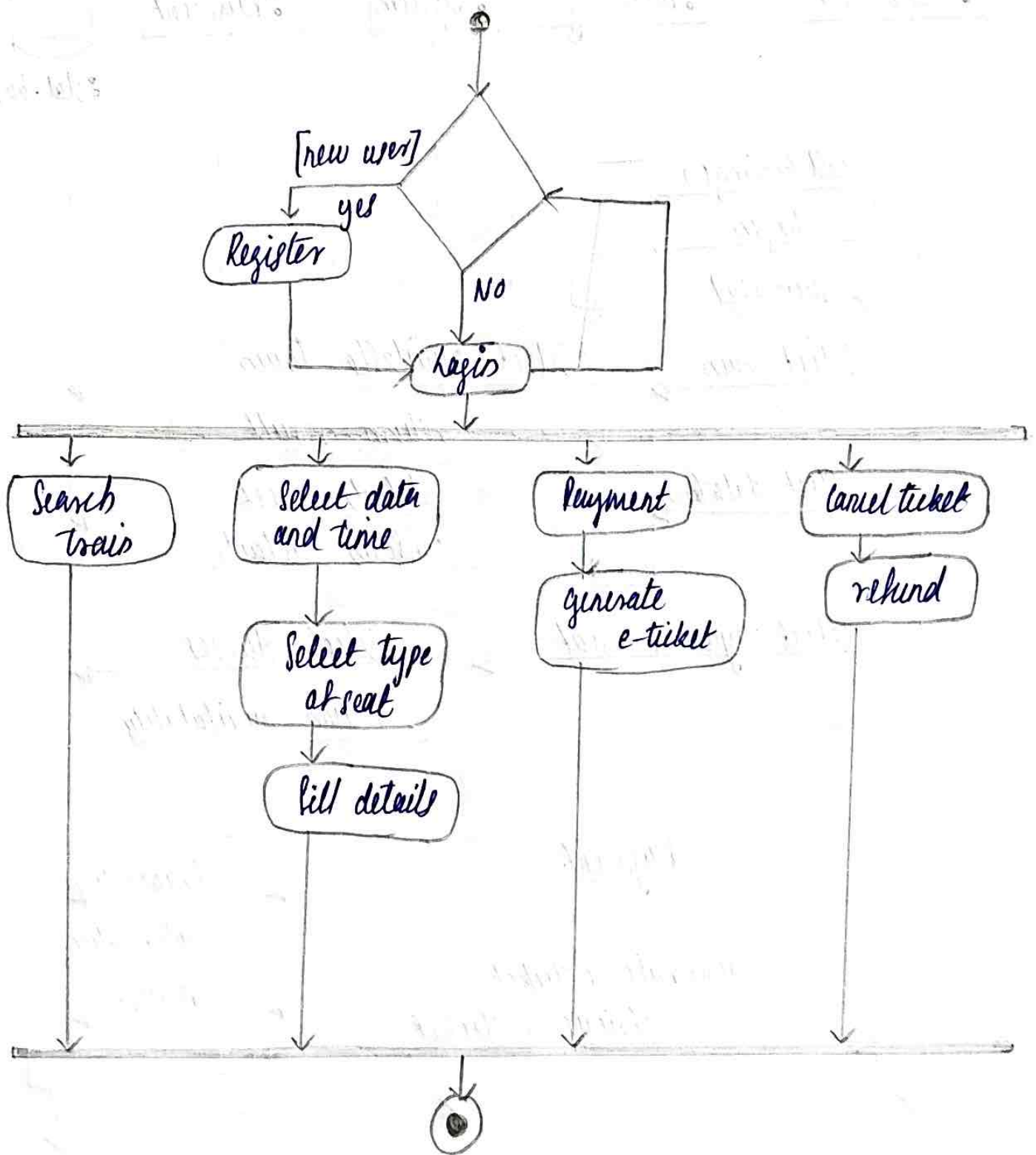Yes | Renewe order

Select order

Select delivery

Payment

Sequence diagram

② Draw usecase diagram, Activity diagram and sequence diagram of Railway Reservation

Usecase diagram

Railway Reservation system

- Passenger
- admin
- Railway system

- Login
- Ticket availability
- Fill form
- Select train and ticket
- Payment
- Print ticket
- Cancel ticket
- Refund money

Activity diagram

Sequence diagram

: Customer	: Booking	: System	: Payment	: database

call booking()

hagin

successful

Select train → Select available train →

return result

Select data time → detail check →

confirm details

select type of seat → Select classes →

return availability

Payment → transaction

confirmation

Generate e-ticket request

retrieve e-ticket