23MX21 – Activity Diagrams

Activity Diagram Example

Start State

Activity

Fork

Branch

Merge

Join

End State

Receive Order

Fill Order

Send Invoice

[rush order]   [else]

Overnight Delivery   Regular Delivery   Receive Payment

Close Order
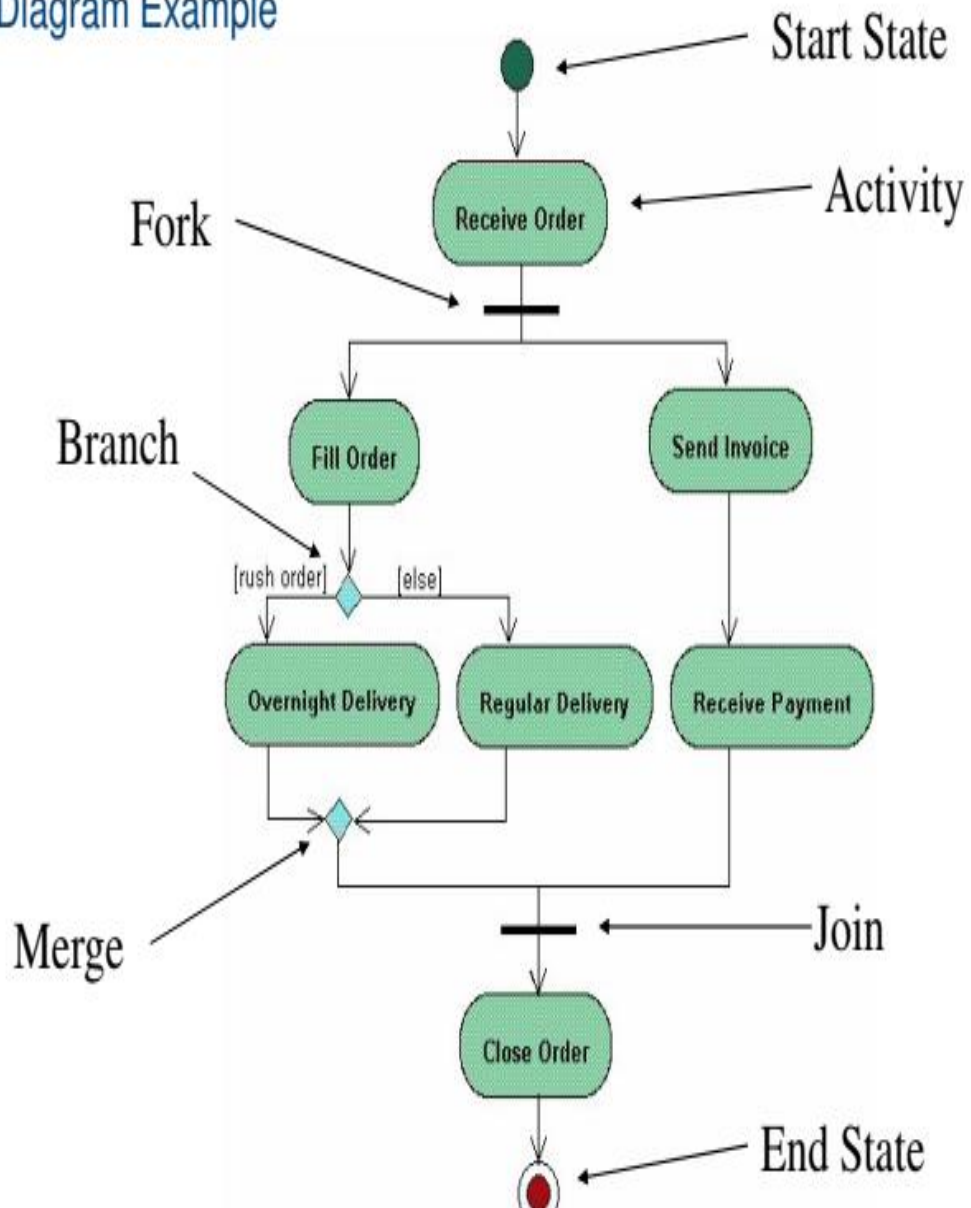
Swimlanes Version of Activity Diagram

Dispatch Department	Customer Service	Finance
	●	
	Receive Order	
	▬	
Fill Order		
[priority order] ◇ [else]	Send Invoice	
Overnight Delivery regular Delivery		Receive Payment
◇		
	▬	
	Close Order	
	◉	

Customer	ATM	Bank

Customer
- ● (initial node)
- Insert ATM Card
- Enter PIN
- Enter Amount
- Get Cash
- Get ATM Card
- ◉ (final node)

ATM
- Validate ATM Card
- Display Balance
- Eject Card

Bank
- Authorize PIN
  - [Yes] / [No]
  - Pin valid?
- Check Balance
  - Balance > Amount?
  - [No]
  - [Yes]
- Debit Account

Find beverage

[no coffee]

[no Cola]

[found Cola]

Put coffee in filter

Add water to reservoir

Get cups

Get can of Cola

Put filter in machine

Turn on machine

^coffePot.TurnOn

Brew coffee

light goes out

Pour coffee

Drink beverage