



Assignment No.: 04.

Title :- Draw activity diagram to display either business flow or like flowcharts.

Theory:-What is an Activity Diagram

A UML activity diagram helps to visualize a certain usecase at a more detailed level. It is behavioural diagram that illustrates the flow of activities through a system.

UML activity diagram can also be used to depict a flow of events in a business process. They can be used to examine business processes in order to identify their flow and requirements.

Activity Diagram Symbols:

Symbols	Name	Use
1)	Start/Initial Node	used to represent the Starting point or initial state of activity.
2)	Activity/Action state	used to represent the activities in activity diagram.



symbol	Name	use
3)	control flow/ Edge	used to represent the executable flow of control from one action to other.
4)	object flow/control Edge .	used to represent the path of object moving through activity.
5)	Activity Final Node	Used to mark the end of all control flows within a activity.
6)	Flow final Node	Used to mark the end of single control flow .
7)	decision Node	Used to represent a conditional branch point with one i/p & multiple o/p .
8)	Fork	Used to represent a flow that may branch into two or more parallel flows.
9)	Merge	Used to represent two i/p that merge into one o/p .

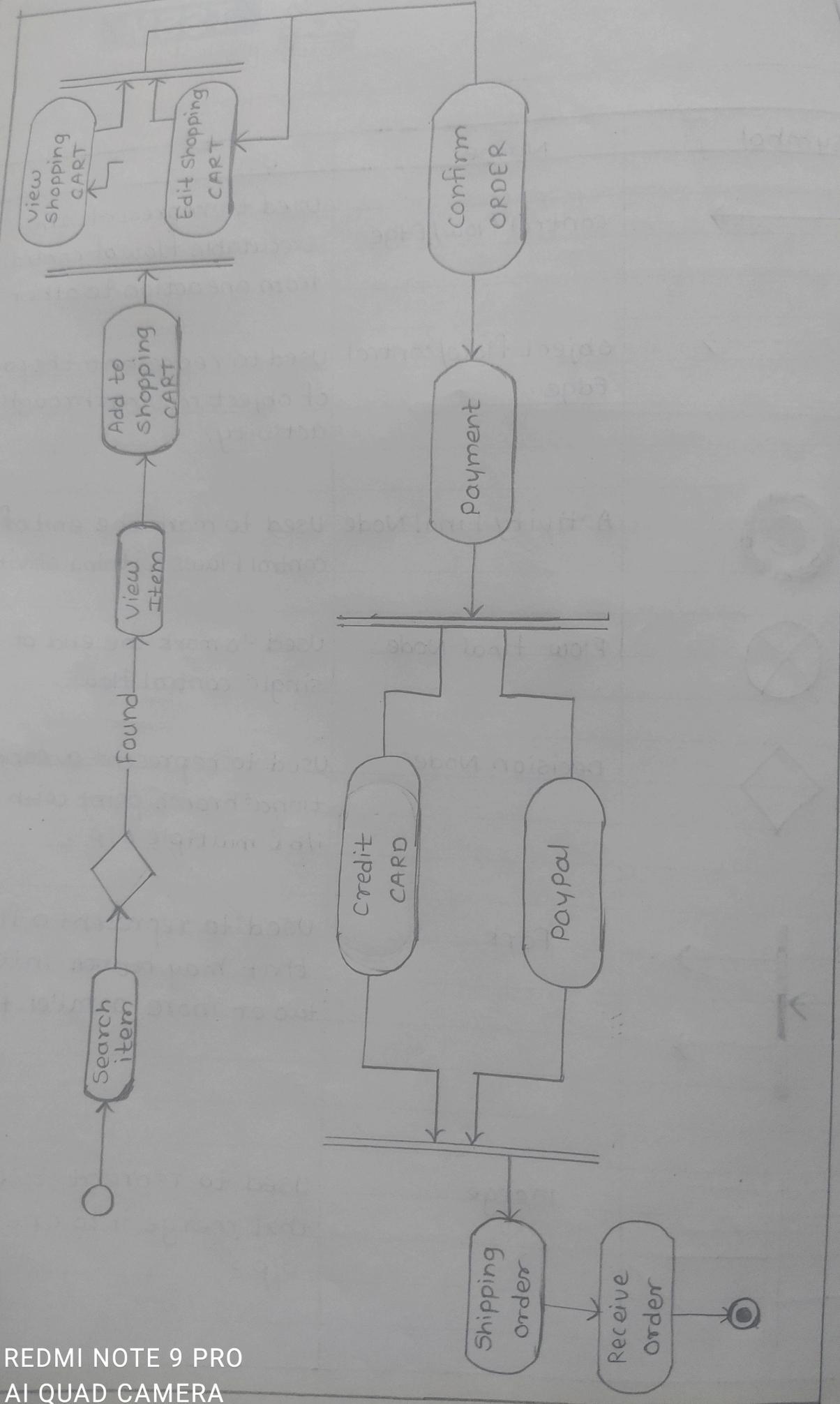


Fig: Activity Diagram for online Shopping System.



REDMI NOTE 9 PRO
AI QUAD CAMERA



symbol	Name	use .
10)	Signal sending	used to represent the action of sending a signal to an accepting activity .
11)	signal Receipt	used to represent the signal is received .
12)	Note/ comment.	used to add relevant comments to elements .

Conclusion :- Thus we have studied how to use activity diagram to find out behaviour of any system.

