*Software Engineering *

No.: 1 Date:

ISE2 Component 1.

- 9.1 What is sequence diagram in um1 ? Build sequence diagram for Amazan anline shapping (Place orders Bill payment, Parcel Tracking and Delivery)
 - 1. Sequence diagram is a unified modelling language diagram that illustrates the sequence of message between object in interaction.
 - 2. Sequence diagram consists of group of object that are represent by life lines and the messages that they exchange over time during the interaction
 - 3. Sequence diagram shows the sequence of message passed between objects.
 - 4. Sequence diagram can also show the control structures between objects.
 - Eg Lifeline in a sequence diagram for a banking Scenario can represent a cust mer

KIT College Of Engineering, Kolhapur. (An Autonomous Institute)

No.: Date:

* pairsonipal suportion?

. I transagned 1912.

9.7 Sequence diagram customer Biling Product Account catlog Login Authori zation Search for pay. Search For result confirmath Billing inf?

KIT College Of Engineering, Kolhapur.
(An Autonomous Institute)

| 9.2 | lahat is use cose diagram in UML 2 Design |
|---------------|---|
| | use case diagram For student and Moodle |
| Horto | System. Describe use cases added in your |
| | diagram. |
| \rightarrow | 1. A use case diagram is a type of beha- |
| | vioral diagram in the unified modeling |
| mre | language that represents the interaction |
| | between actors. |
| | 2. It provides an overview of the functional |
| rabco | requirements of a system from a user |
| | perpective. |
| | phonic cobro |
| ev rob | 3. Use case diagrams capture the Function of a |
| | system in terms of actors, were cases and |
| | their relationships and additional and a second a second and a second |
| rehr | 4. Hear is a design of |
| lin a | Student and Moodle System |
| | about all supply that the state of the state of |
| outhor | (Student) |
| trange | CD301S ID DOOD CARO |
| - tosmp | Moodle system |
| , TI | |
| | (An Autonomous Institute) |
| | |

No.: Date: object sove sove create logis ordering option acto form msg arder order detail form # 1284 order detail 5. save order order manager 8. Save Transaction Manager (Bill pay) In collaboration diagram for online food order. in zomato the requirement is use should login to zomato app submit all the infor order the food from the option form write the all details of ordered food; Sove the order The order is now given to the respective order manager to confirm the bill payment get the info of order For bill payment KIT College Of Engineering, Kolhapur. (An Autonomous Institute)

| V | |
|----|--|
| | |
| 93 | Inhat is collaboration diagram in UMI Design collaboration diagram for any online food order application like zomata or swiggy. Describe your collaboration diagram 1. In UMI diagrams a collaboration is a type of structured classifier in which roles and attributes co-operate to define the internal structure of classifier. |
| | 2. We use collaboration when we want to define only the roles and connections that are required to accomplish a specific goal of the collaboration. |
| | 3. collaboration describes object interaction organised around the objects and their links to organise each other. |
| | 4. Focus on exchange of memory message between objects. i. collaboration diagram is semantically weak then sequence diagram: |
| | |

KIT College Of Engineering, Kolhapur. (An Autonomous Institute)

Date:

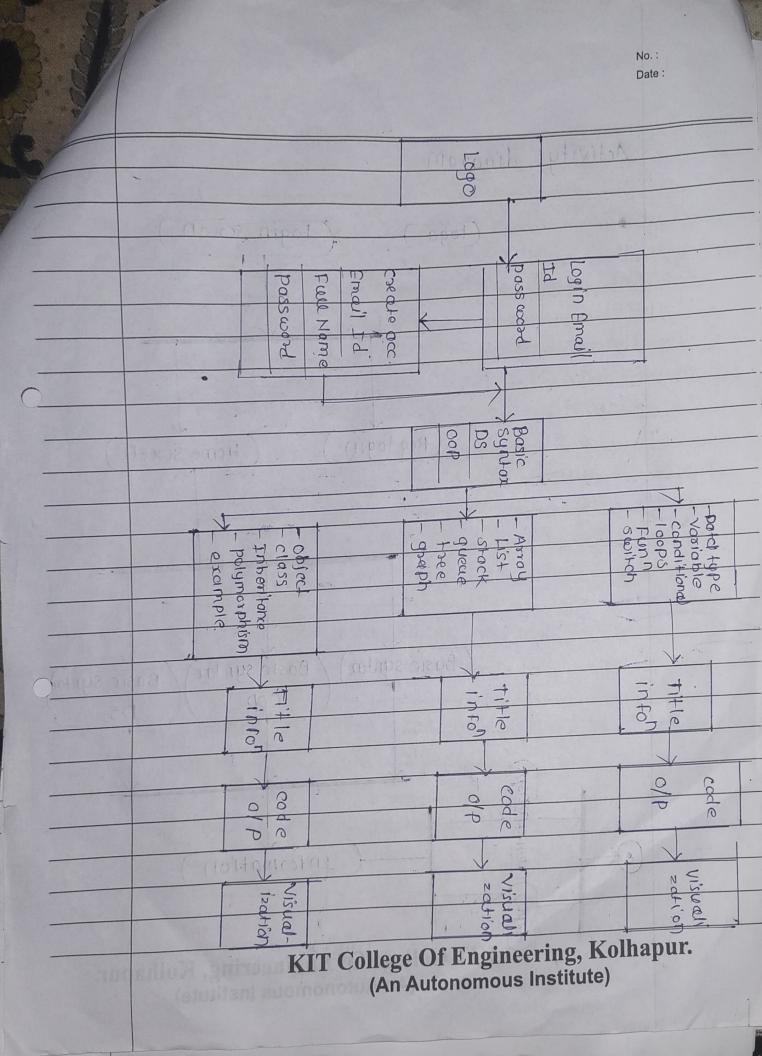
It is also called as communication diagram

through their association

6. Enhanced during design phase.

Appears during analysis phase

capterniolling in emerants my nich



No.: Date: Activity diagram Home Scalen Reg login Bosic syntax Basic syntax Basic Syntax OOP 25 Information KIT College Of Engineering, Kolhapur. (An Autonomous Institute)