Aim: Assignment 3 – Use Case Diagram.

Problem Statement: Derive the use cases based on the requirements from CPS and draw use case diagram using star UML.

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Q1. what is UML ?

Ans UML is called as unified Modelling language. It is general purpose, developmental, modelling language in field of software engineering that is intended to provide standard way to visualize design of a system.

Q2. what is a use case Diagram?

Ans Use case diagram model the behaviour of a system and help to capture the requirement of the system. The use case and action in use case diagram describe what the system does and how the action use it but not how the system operate internally

Q3. What are component of use case diagram?

Ans Use case diagram has use cases, Actor, subsystem and relationship in use cases
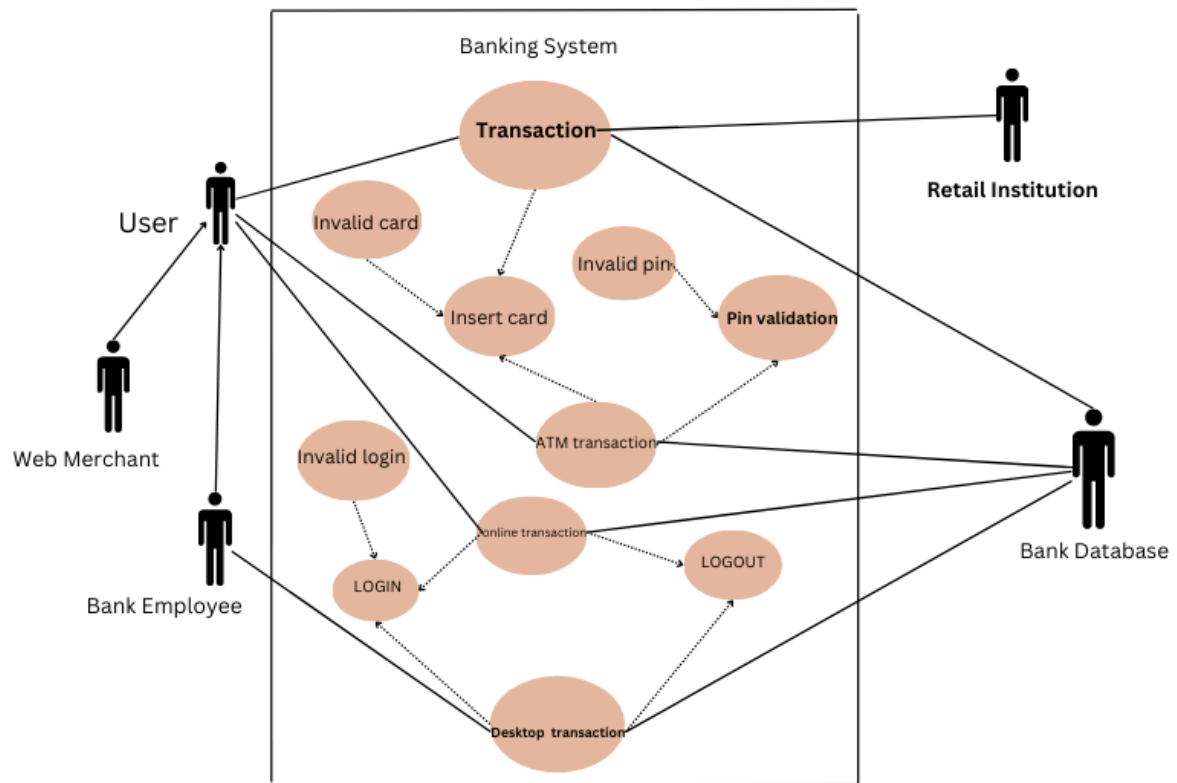
Q4. Description of use case drawn in star UML.

Ans The use case diagram given below is of a banking system with 2 actors, a customer and an admin. The use case diagram tell us how to operate booking portal and what all functionalities system offering like login, pay bill, view statement etc.

P. rangali

Use Case Diagram:

Conclusion: Hence, we have successfully implemented a use case diagram.