

EXERCISE-2

2) Draw a coffee coffee day ordering system. A coffee coffee day shop vending machine dispenses coffee to customers. Customers order coffee by selecting a recipe from a set of recipes. Customers pay for the coffee using coins. Change is given back, if any, to the customers. The 'service assistant' loads ingredients (coffee powder, milk, sugar, water, chocolate) into the coffee machine. The 'service assistant' adds recipe by indicating the name of the coffee, the units of coffee powder, milk, sugar, water, chocolate to be added as well as the cost of the coffee. The service assistant can also edit and delete a recipe. Develop the use case diagram for the specification above.

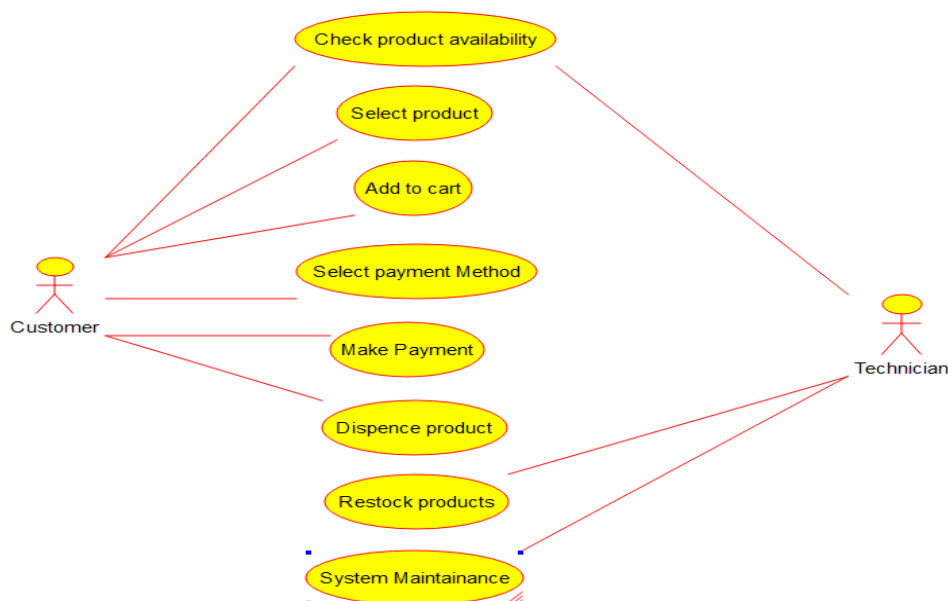
AIM:

To design a use case diagram for a vending machine where customers order coffee, make payments, and receive change, while the service assistant manages ingredients and recipes.

PROCEDURE:

1. Customer selects a coffee recipe from the available options.
2. Customer pays for the selected coffee using coins.
3. The machine dispenses the coffee and gives change if necessary.
4. The service assistant loads ingredients (coffee powder, milk, sugar, water, chocolate) into the machine.
5. The service assistant adds, edits, or deletes coffee recipes with details like ingredients and cost.
6. The machine prepares the coffee based on the selected recipe and available ingredients.

USE CASE DIAGRAM:



RESULT:

The coffee vending machine processes orders, payments, and dispenses coffee with the correct ingredients. The service assistant manages recipes and ingredients for efficient operation.