

## PROGRAMS:

7. Draw a UML diagram for online purchasing system. Provide top level use cases for a web customer making purchases online. Web customer actor uses some web site to make purchases online. Top level use cases are View Items, Make Purchase and Client Register.

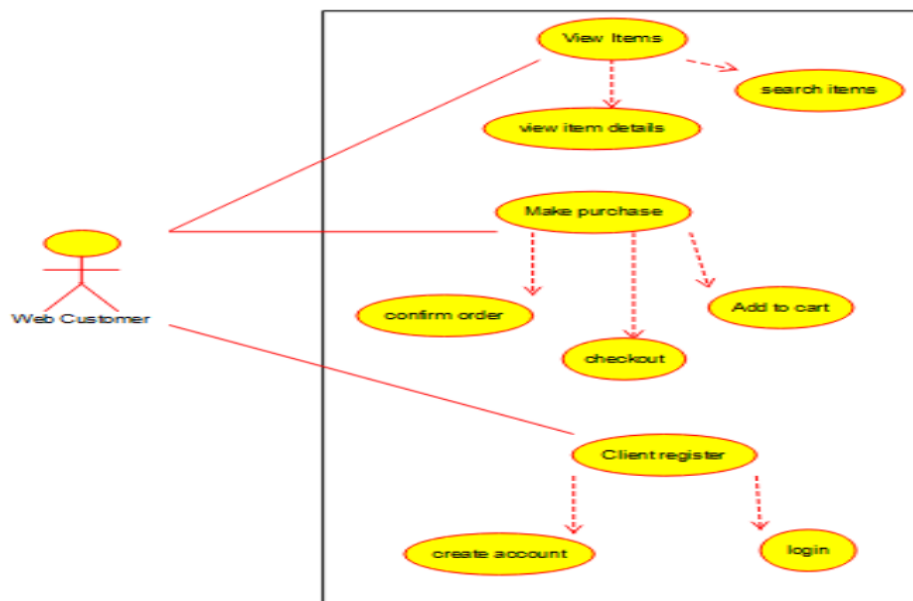
## AIM:

To design a UML Use Case Diagram for an Online Purchasing System that outlines the interactions of a web customer with the system, focusing on top-level use cases such as View Items, Make Purchase, and Client Register.

## PROCEDURE :

- STEP 1:** Open UML modeling software such as Umbrello, StarUML, or PlantUML.
- STEP 2:** Identify the main actors involved in the system
- STEP 3:** Define the use cases that each actor performs
- STEP 4:** Draw actors as stick figures and use cases as ovals in the UML tool.
- STEP 5:** Connect actors to their respective use cases using association lines.
- STEP 6:** Ensure the diagram clearly represents how actors interact with the system.
- STEP 7:** Save and export the UML diagram for documentation.

## OUTPUT:



## RESULT:

The UML Use Case Diagram successfully depicts the Online Purchasing System, showing how a Web **Customer** interacts with it to View Items, Make Purchases, and Register as a Client. The diagram helps in understanding the basic functionalities required in an online shopping platform.