

# MODULE – 1

QUE . 1 : WHAT IS SDLC?

ANS : SDLC Is a software development life cycle.

Software development series of steps or phases that provides the model of development.

QUE. 2 : WHAT IS SOFTWARE TESTING ?

ANS : Software testing is a process of executing a program or application with the intent of including the Software.

Software testing is process of used to identify the correctness , completeness and quality of developed Software.

QUE. 3 : WHAT IS AGILE METHODOLOGY ?

ANS : It is a combination iterative and increment model.

It divides the software into small incremental builds thid build are provided in iteration , that means the The bug projects are divided inti small chunks.

QUE. 4 : WHAT IS SRS ?

ANS : SRS Is a complete description of an application which is to be developed.

QUE. 5 : WHAT IS OOPS ?

ANS : Object oriented programming is way of writing the programme is organized way object.

QUE.6 : WRITE BASICS CONCEPT OF OOPS?

ANS : class

Object

Inheritance

Polymorphism - overloading , overriding

Encapsulation

QUE.7 : WHAT IS OBJECT?

ANS : Object gives the permission to access functionality of the class.

QUE.8 : WHAT IS CLASS?

ANS : Class is a collection of data member function.

QUE.9 : WHAT IS ENCAPSULATION?

ANS : The process wrapping the data in a single unite. To secure the data from outside world.

QUE.10 : WHAT IS INHERITANCE?

ANS : Making a class from an existing class deriving the attribute of some other class.

QUE.11 : WHAT IS POLYMORPHISM?

ANS : One name multiple from

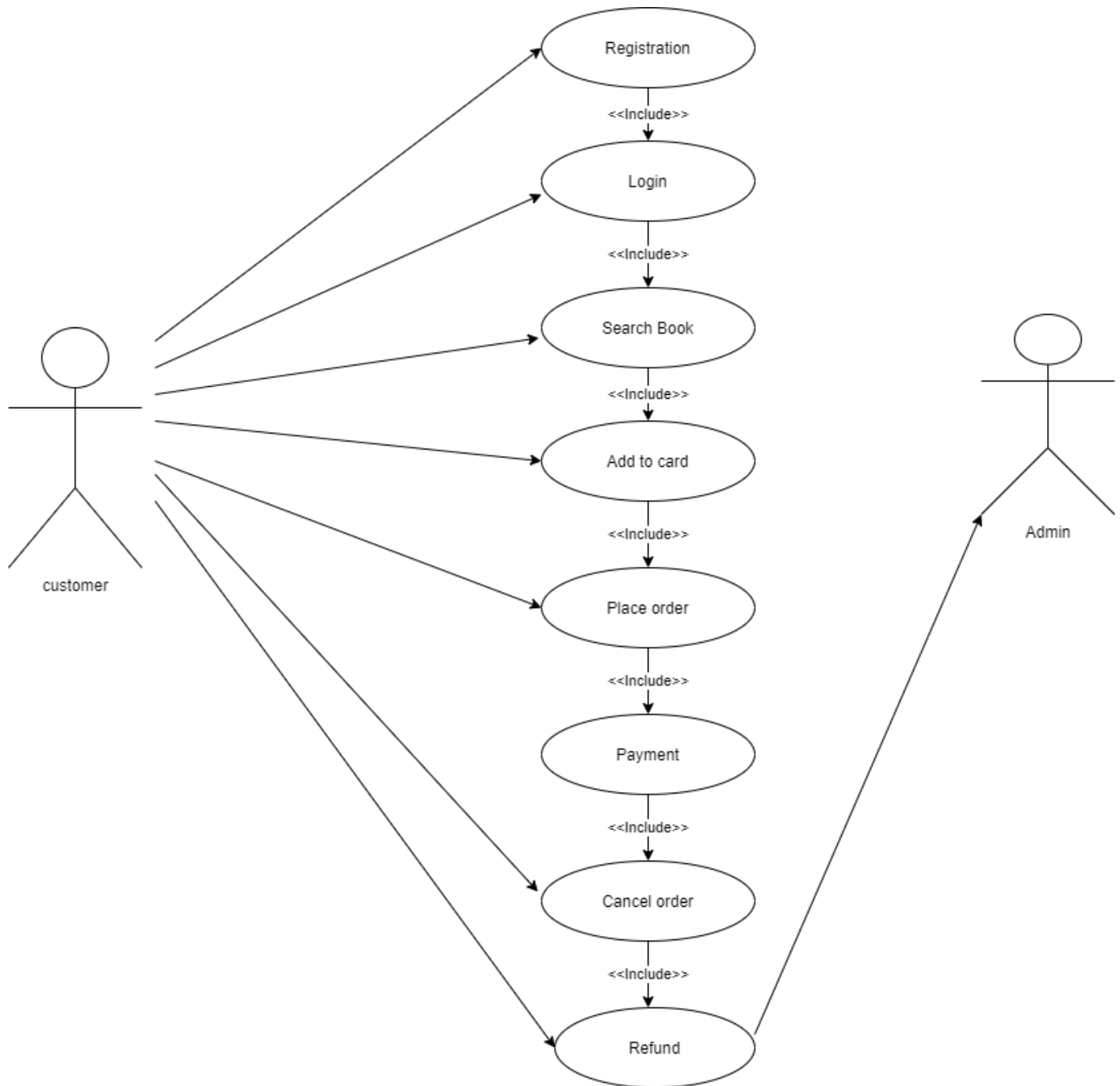
TYPE

Over riding = Same name of function with some parameter but definition will be different.

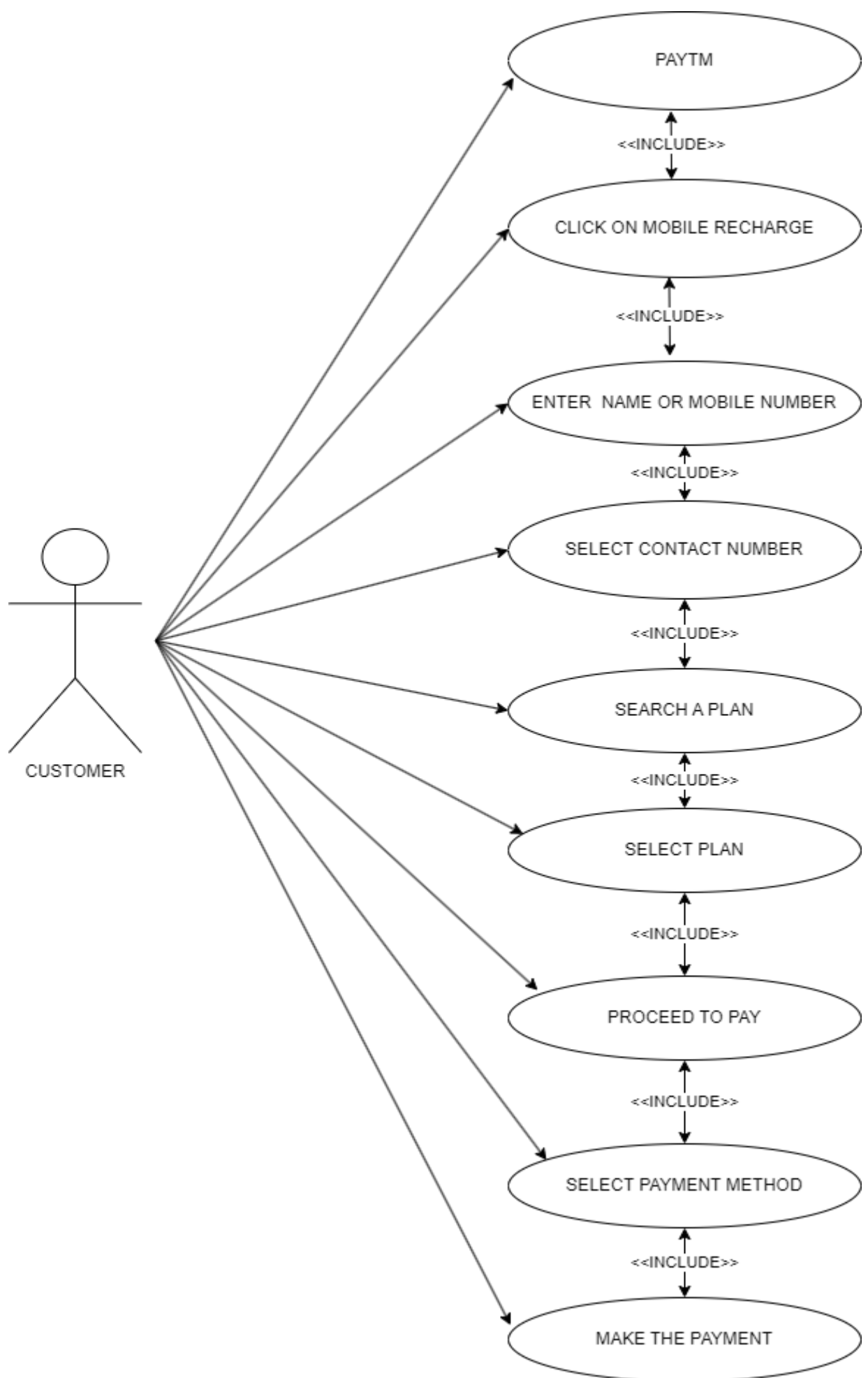
Over Loading = function over loading – same function name but different parameter.

QUE.12 : DRAW USE CASE ON ONLONE BOOK SHOPPING.

ANS :



QUE.13 : DRAW USECASE ON ONLINE BILL PAYMENT SYSTEM (PAYTM)



QUE.13: WRITE SDLC PHASES WITH BASIC INTRODUCTION?

ANS :

Requirements collection / gathering	Establish customer needs
Analysis	Model and specify the requirements – What
Design	Model and specify a solution – ‘why’
Implementation	Construction the solution in software
Testing	Validate the solution against the requirements
maintenance	Repair defects and adapt the solution to The new requirements

QUE.14: EXPLAIN PHASES OF THE WATERFALL MODEL?

ANS :

- Requirements collection
- Analysis
- Design
- Implementation
- Testing
- Maintenance

QUE.15 : WRITE PHASES OF SPIRAL MODEL?

ANS :

- Planning = Determination of objectives, alternatives and constraints initial Requirements.
- Risk Analysis = Analysis of alternatives and identification /solution of risk
- Engineering =
- Alpha demo customer evolution = Assessment of the results of engineering.

QUE.16 : EXPLAIN WORKING METHODOLOGY OF AGILE MODEL AND ALSO WRITE PROS AND CONS?

ANS. :

- It is a combination iterative & incremental model.
- It divided the software into small incremental builds, these builds are provided in Iteration, that means the big projects are divided into small chunks.
- Each iteration lasts about one to three weeks.
- At the end of the iteration the working product is displayed to the customer or The important stockholder & it is released in the market.
- After the release we check for the feedback of deployed software.

- In any enhancement is needed in the project then it's done & released.

### PROS

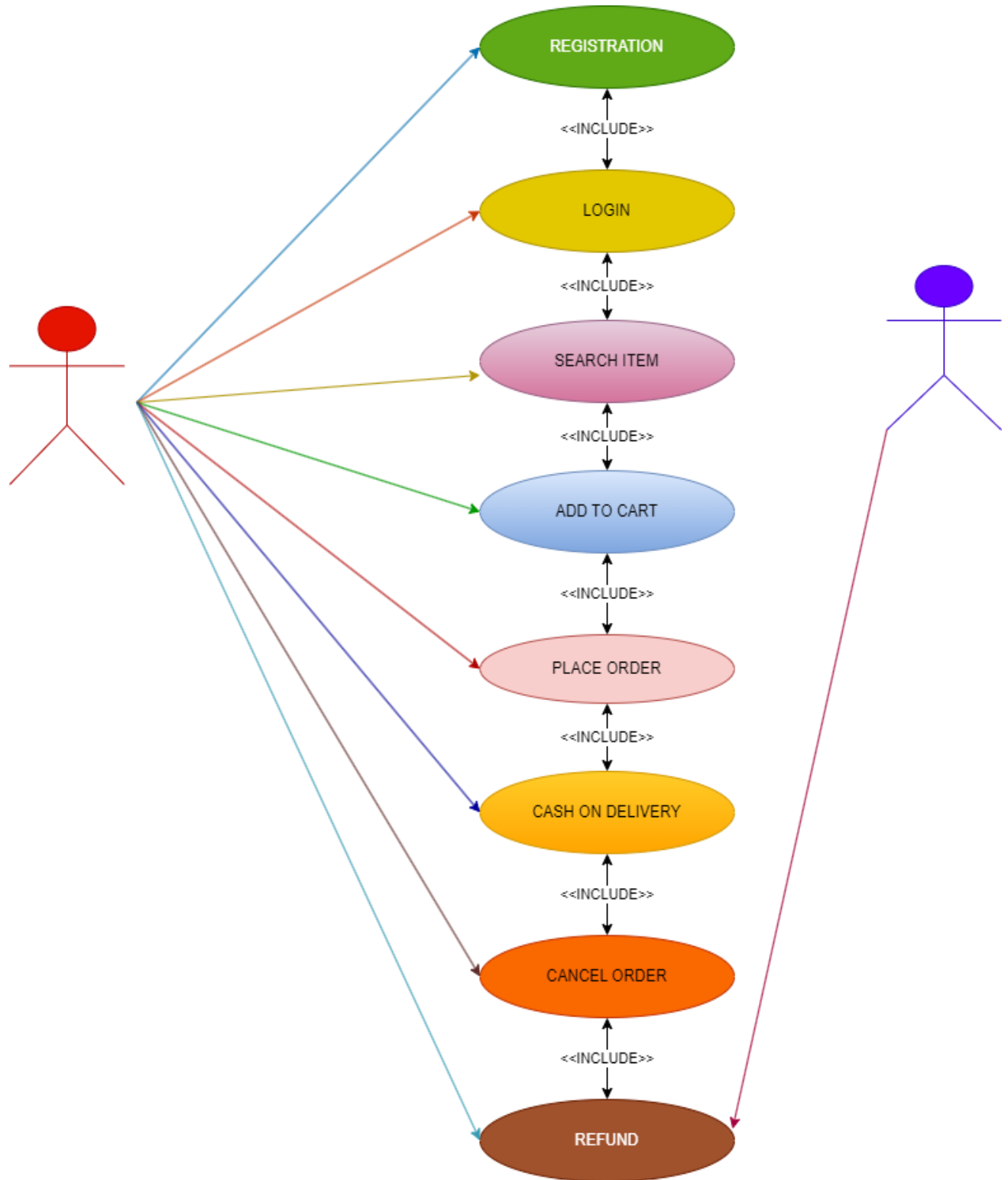
- Frequent delivery
- Face to Face communication with the customer
- Less time
- Adaptability

### CONS

- Less decommentation
- Maintenance

QUE.17 : DRAW USE CASE ON ONLINE SHOPPING PRODUCT USING COD

ANS :



QUE.18 : DRAW USE CASE ON ONLINE SHOPPING PRODUCT USING PAYMENT GATEWAY?

ANS. :

