

Module 1

1) What is SDLC ?

Ans: Software development life cycle is series of steps/phases that provide model development required.

2) What is software testing?

Ans: Software testing is a process that used to identify correctness, completeness and quality of developed computer software.

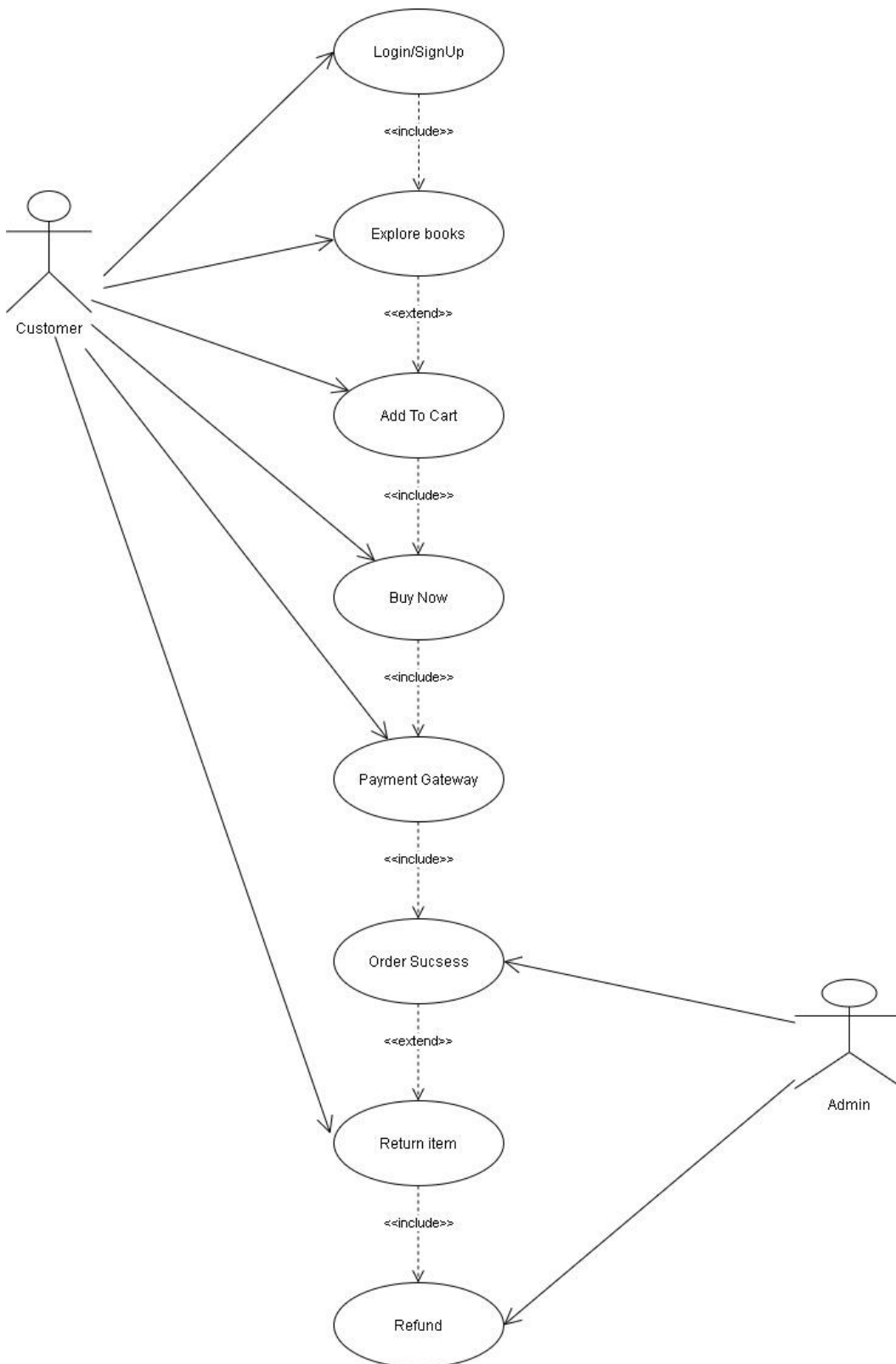
3) What is agile methodology?

Ans: agile means delivery a working software in small parts with continues feedback and improvement.

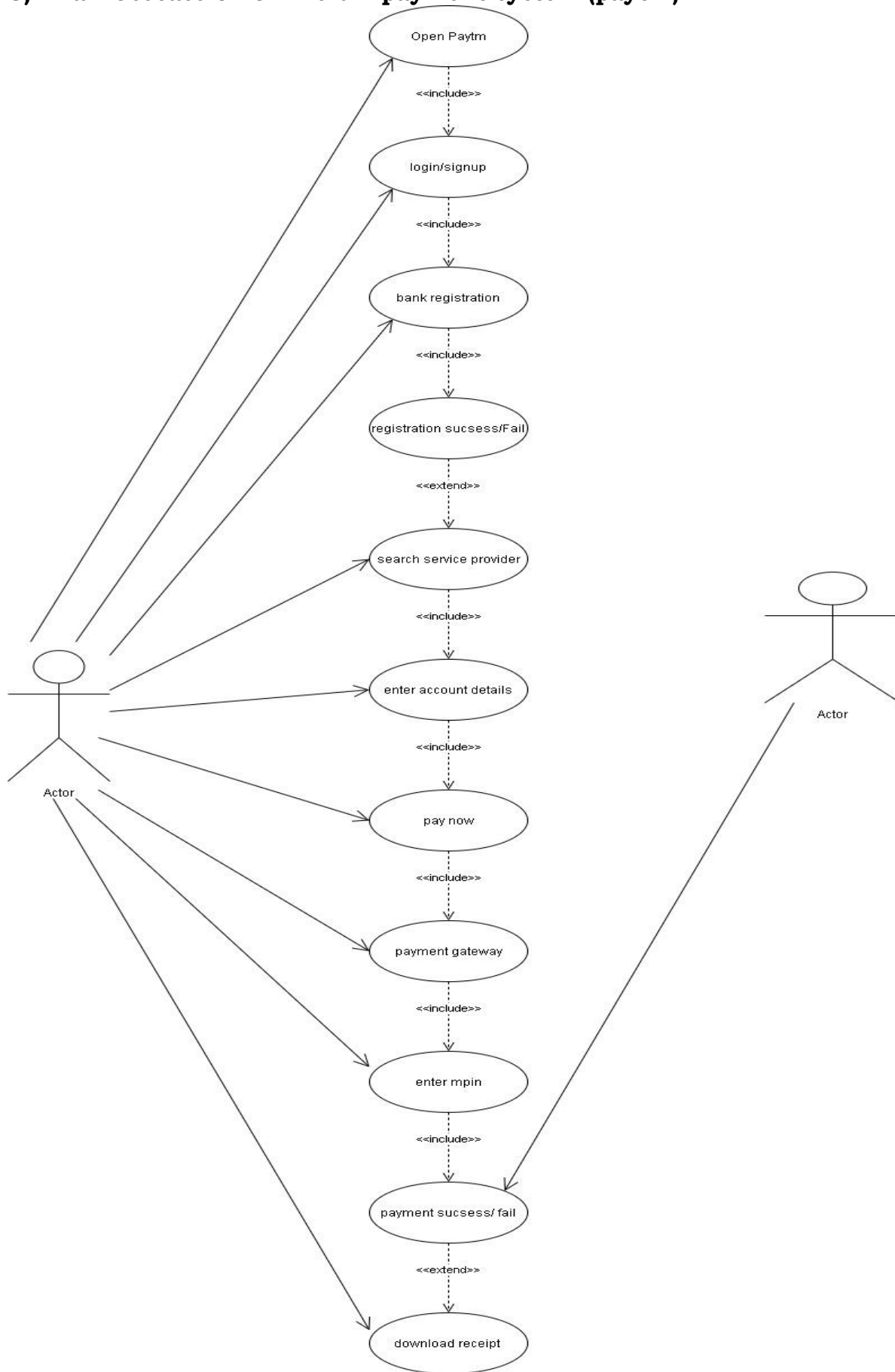
4) What is SRS?

Ans: SRS is software requirement specification a complete description of the behavior of the system to be developed.

5) Draw Usecase on Online book shopping



6) Draw Usecase on online bill payment system (paytm)



7) Write SDLC phases with basic introduction

Ans : Software Development Life Cycle means Series of steps/phases that provide model of development.

Phases:

Requirement Gathering and analysis ,
Designing ,
Implementation,
Testing,
Deployment,
Maintenance.

8) What is OOPS?

Ans: OOPS means Object Oriented Programming System. A programming language that uses a concepts of objects and classes to structure code around data.

9) Write Basic Concepts of oops?

Ans:

- Class
- Object
- Inheritance
- Encapsulation
- Polymorphism
- Abstraction

10) What is object

Ans : object gives permission to access functionality of class.

11) What is class?

Ans: it is collection of data

12) What is encapsulation?

Ans: encapsulation is wrapping of data

13) What is inheritance?

Ans: it is a attribute of some other class.

14) What is polymorphism?

Ans : it is a one name and multiple form .

15) Explain Phases of the waterfall model

Ans:

Requirement collection: Collect details from client about the project.

Analysis: To analyze the requirements and convert into srs and crs.

Design: to prepare design/ui as per the requirements.

Implementation: coding

Testing & deployment: To verify completeness, correctness and quality

Maintenance: To repair a defect.

16) Write phases of spiral model

Ans:

- Planning
- Risk Analysis
- Customer Evaluation
- Engineering

17) Explain working methodology of agile model and also write pros and cons

Ans :

- Iterative incremental model
- Work divided by small parts
- Need to complete work in specific time
- Daily meeting
- Continues improvement
- Continues testing and feedback
- Customers are involved in every phase
- Fast and flexible delivery

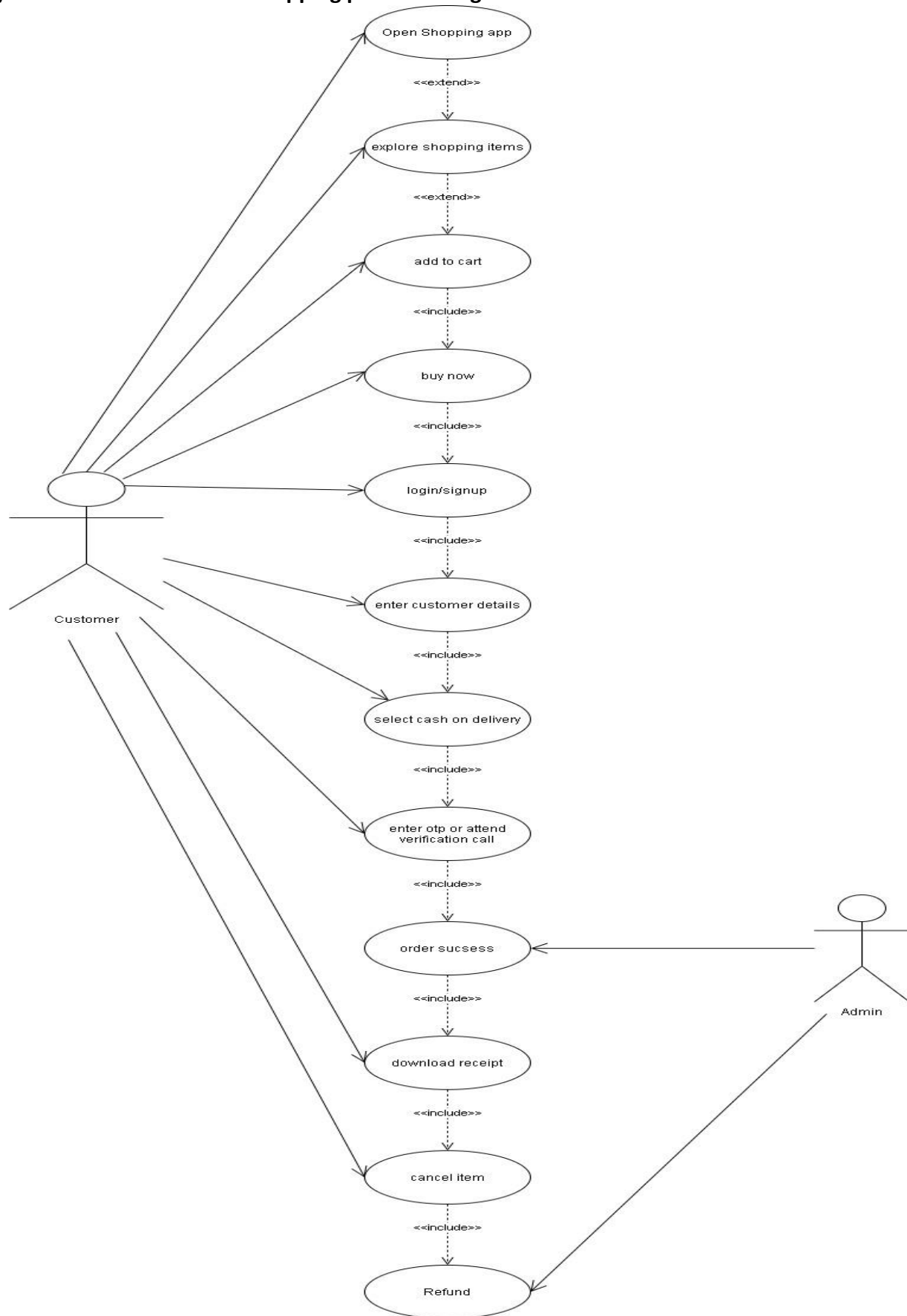
Pros :

Quick delivery

Easy to change requirement

Continues collaboration with customers

18) Draw usecase on Online shopping product using COD.



19) Draw usecase on Online shopping product using payment gateway.

