

1.What is SDLC

❖ type of SDLC

- 1.Requirements Gathering
 - (I) Function Requirement
 - (II) Not-function Requirement
- 2.Analysis
- 3.Design
- 4.Implementation
- 5.Testing
- 6.Maintenance

2.What is software testing?

- Software Testing is a process used to identify the correctness, completeness, and quality of developed computer software.

3.What is agile methodology?

- Agile method is project term and condition

4.What is SRS

- Software Requirements Specification.

5.What is oops

1. Object
2. Class,
3. Abstraction
4. Encapsulation
5. Inheritance
6. polymorphism

6.Write Basic Concepts of oops

- Object-Oriented Programming

7.What is object

- object is a real-world entity and Behavior

8.What is class

- class is collection of object
- class is a blueprint or template

9.What is encapsulation

- encapsulation is collect a group of data that's called encapsulation.

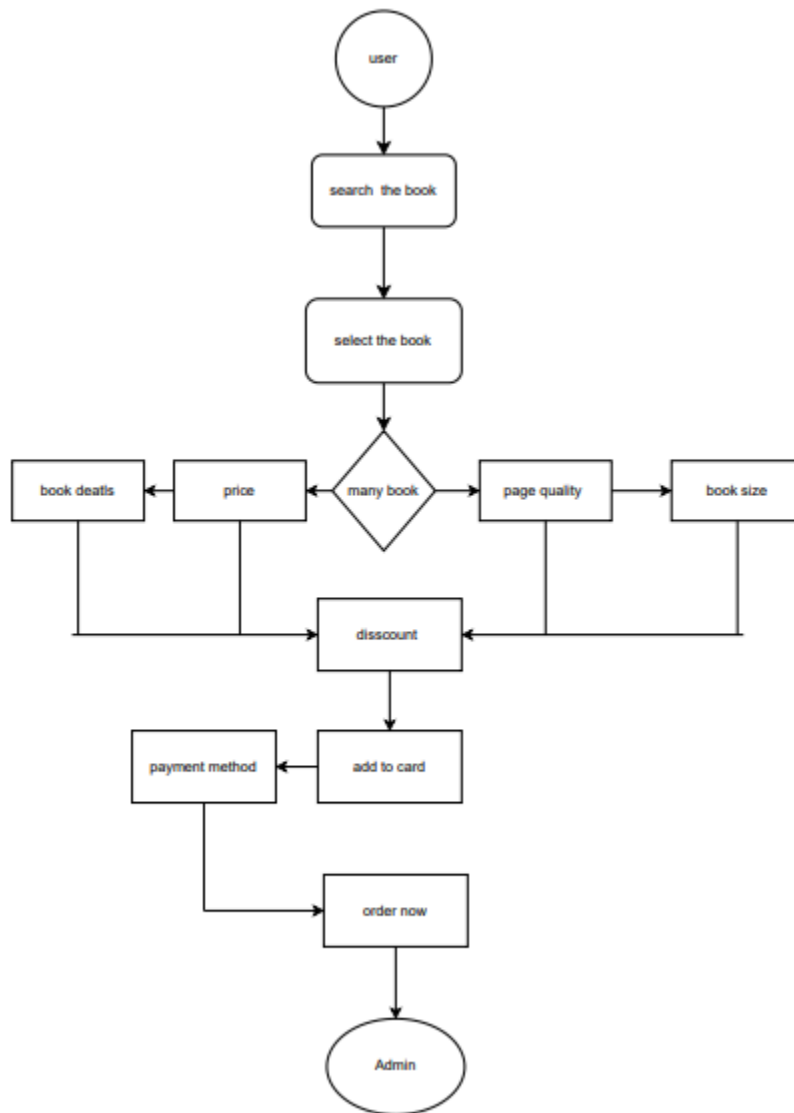
10.What is inheritance

- Inheritance means that one class inherits the characteristics of another class.

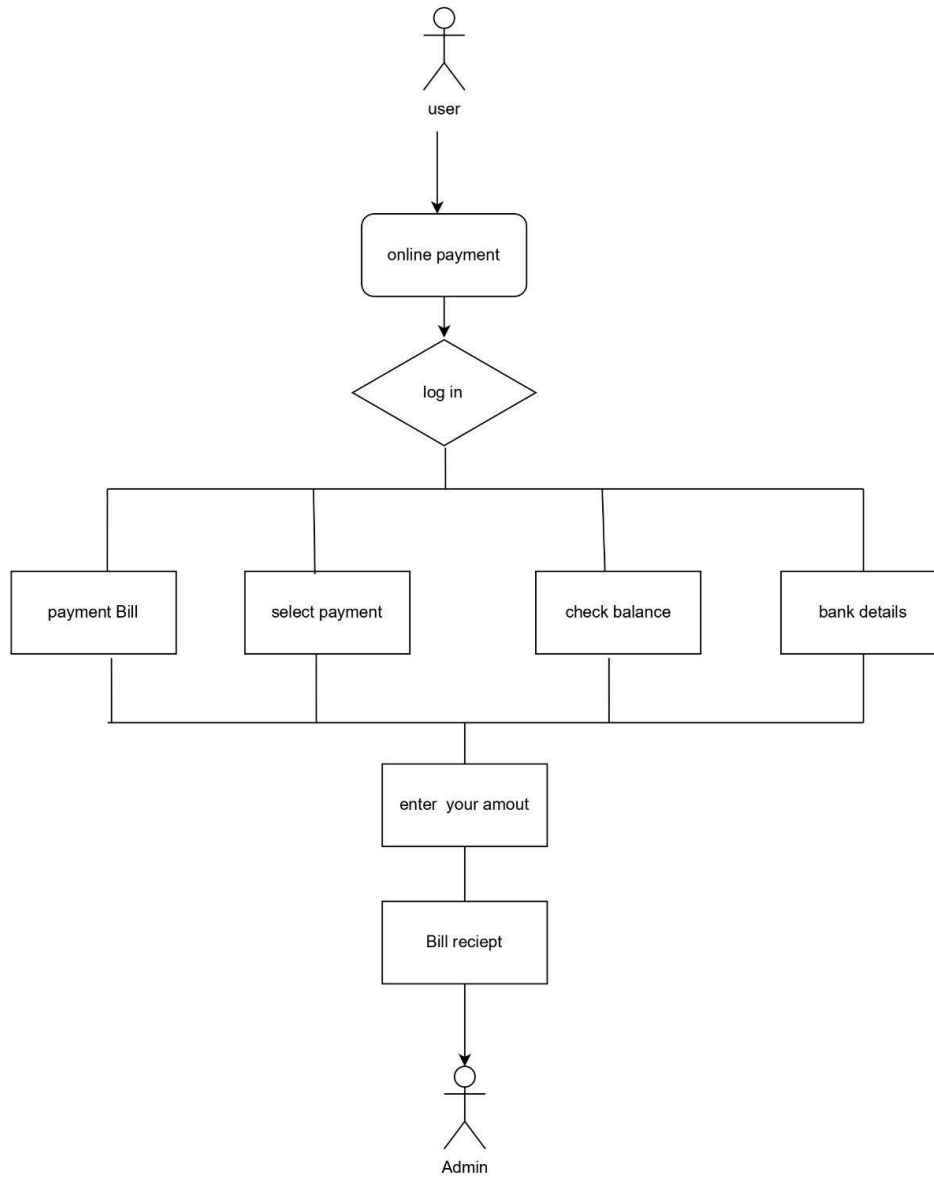
11.What is polymorphism

- Polymorphism is same method or function name to behave differently based on the object .

12. Draw Usecase on Online book shopping



13. Draw Usecase on online bill payment system (paytm)



14. Write SDLC phases with basic introduction

SDLC

- Requirement gathering: customer related
- Analysis: model data analysis
- Design: model specification and designed
- Implementation: data implement and model solution
- Testing: software testing and solution
- Maintenance: defect repair and requirement solution

15. Explain Phases of the waterfall model

- Waterfall model is linear and sequential approach

16. Write phases of spiral model

- Spiral model is large, complex, and high-risk projects.

17. Write agile manifesto principles

- Customer satisfaction and delivery
- Customer satisfaction through early and continuous delivery of valuable software.

18.Explain working methodology of agile model and also write pros and cons.

Agile model:Agile promotes flexibility, team collaboration, and continuous customer feedback.

V- model:Clear structure, especially useful for small to medium projects

pros

Faster Delivery

Customer Satisfaction

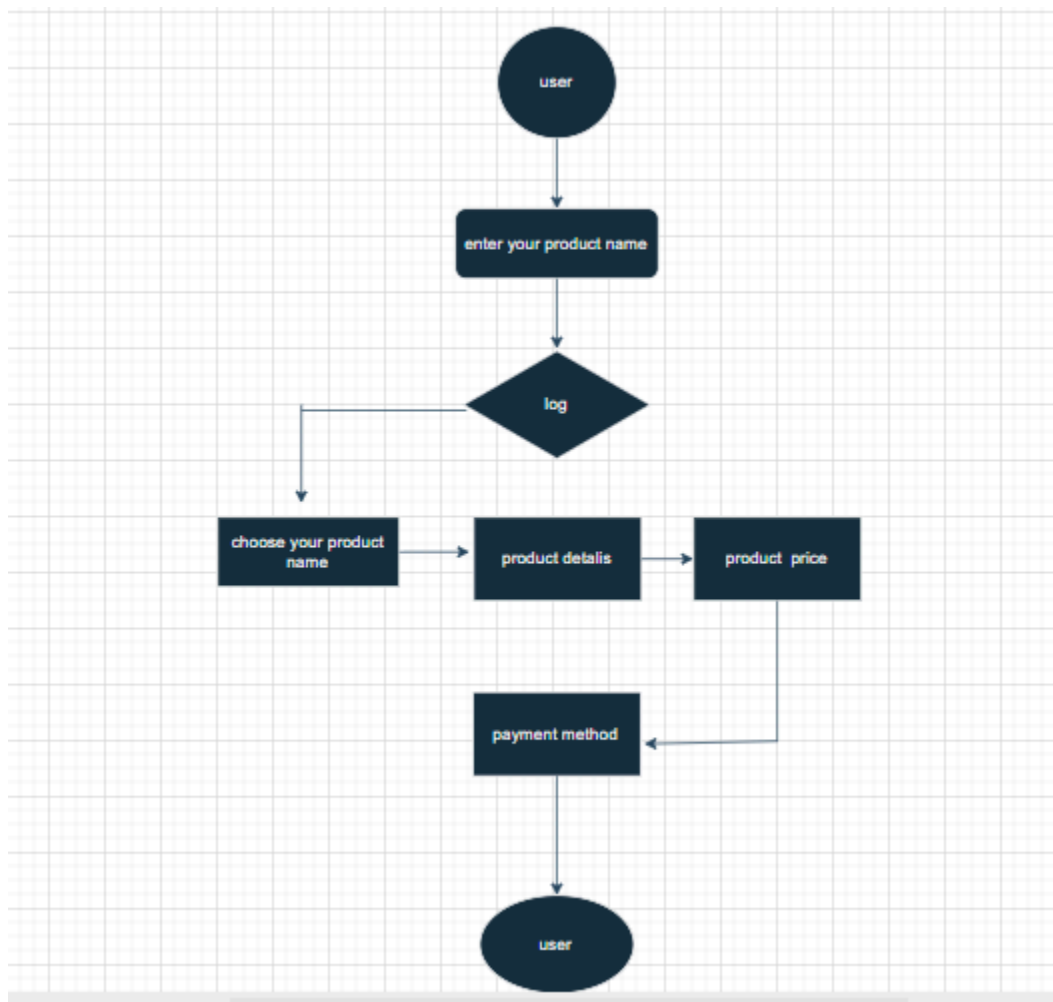
Early Risk Detection

Cons

Less Predictability

Needs Skilled Teams

19. Draw usecase on Online shopping product using COD.



20. Draw usecase on Online shopping product using payment gateway.

