

1. What is SDLC

- System Development Life Cycle.

2. What is software testing?

- It is a process of verifying and validating that software programme or an application or a product.

3. What is agile methodology?

- Agile methodology is a combination of a iterative and incremental model which focus on customer's satisfaction.

4. What is SRS.

- A software requirement specification is a complete description of of the behaviour of the system to the developed.

5. What is oops,

- It is focus on data rather than Process.

6. Write Basic Concepts of oops

- Class, Object, Inheritance, Encapsulation, Polymorphism, Abstraction.

7. What is object

Object is an instance or an example of a class.

8. What is class

- It is a blueprint of an object.

9. What is encapsulation

- In Java Encapsulation is the process of wrapping of data in a single unit.

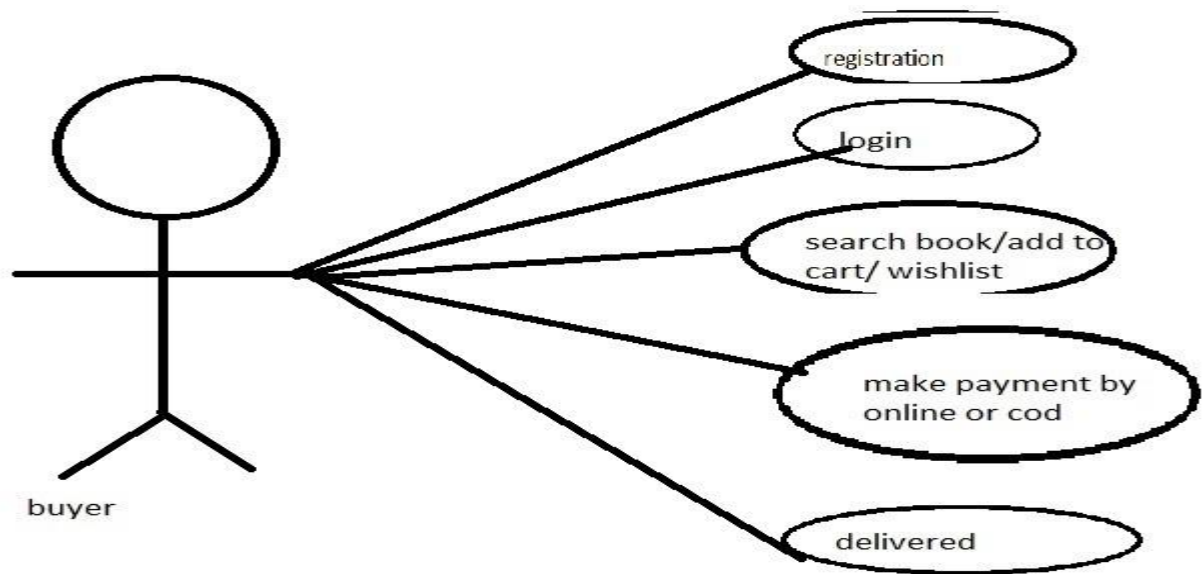
10. What is inheritance

- It is the process of adapting the property and behaviour of parent class to the child class.

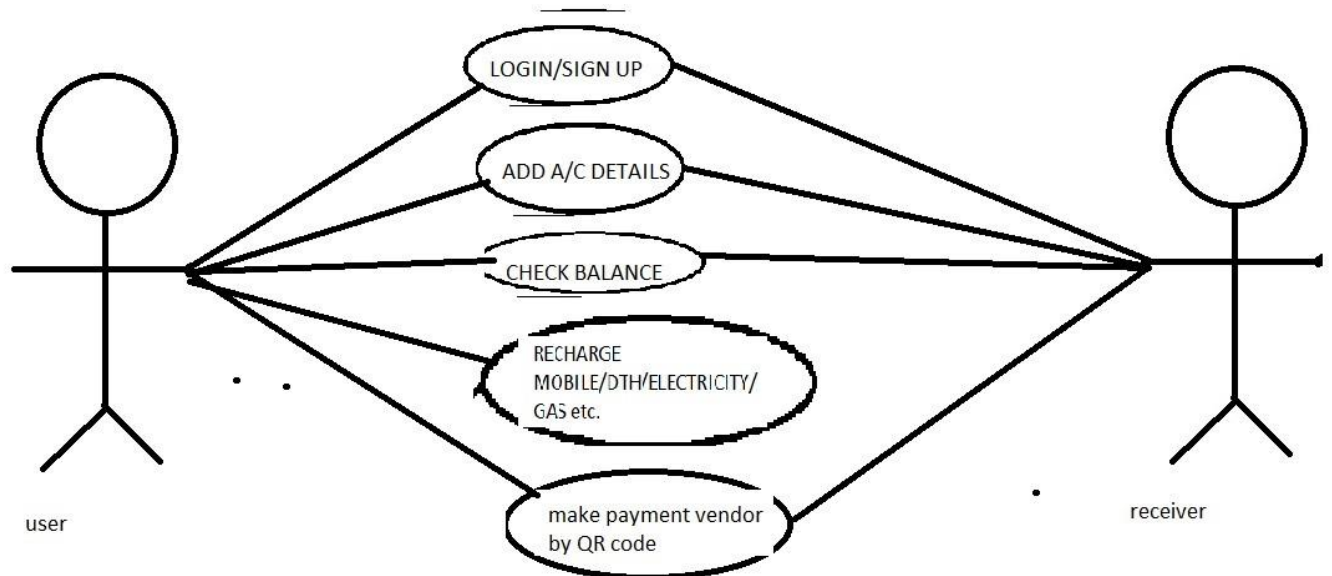
11. What is polymorphism.

- Poly means Many and Morphs means Forms so polymorphism means many forms to react same things in different ways.

12. Draw Usecase on Online book shopping.



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



14. Write SDLC phases with basic introduction

- 1. Requirement gathering
- 2. Analysis.
- 3. Design.
- 4. Implementation.
- 5. Testing.
- 6. Maintenance.

15. Explain Phases of the waterfall model

- Requirement gathering -> Analysis -> Design -> Implementation -> Testing -> Maintenance.

16. Write phases of spiral model

- Planning

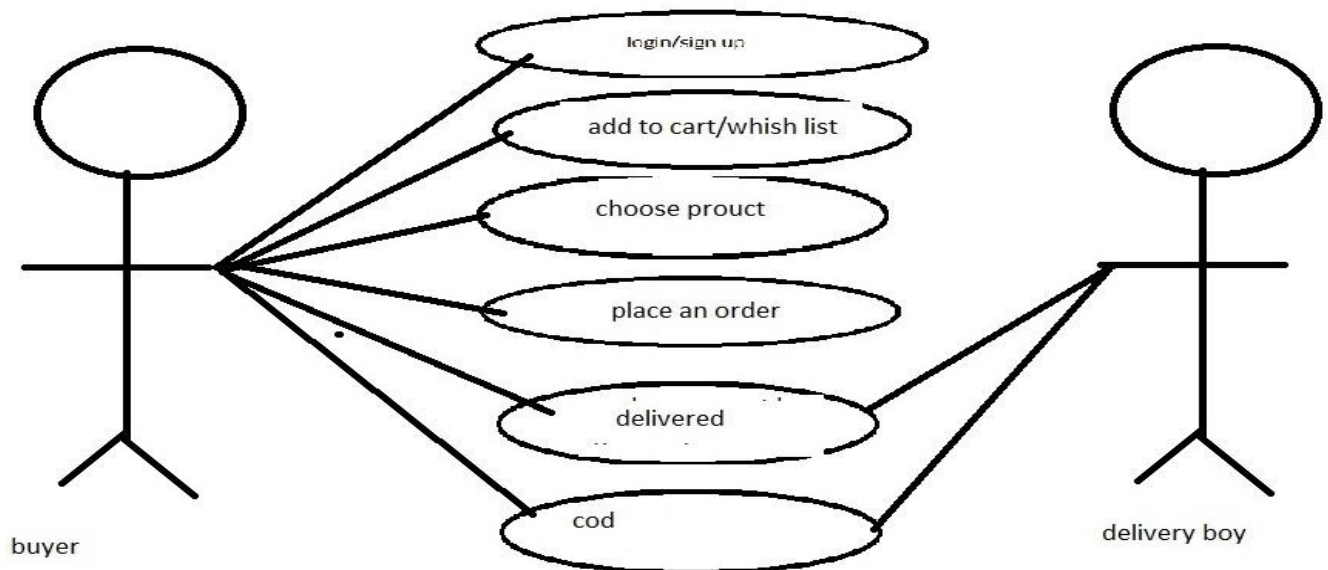
- Risk analysis
- Engineering
- Customer evaluation

17. Write agile manifesto principles

- It is a realistic approach to software development.
- No documentation required.
- Functionality developed rapidly.
- Resource required minimum.
- Delivers early.

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

19. Draw usecase on Online shopping product using COD



20. Draw usecase on Online shopping product using payment gateway

