**Software Testing Assignment**

**Module–1(Fundamental)**

What is SDLC

* SDLC is a structure imposed on the development of a software product that defines the process for planning, implementation, testing, documentation, deployment, and ongoing maintenance and support.
* There are a number of different development models.

What is software testing?

* Software Testing is a process used to identify the correctness,

completeness, and quality of developed computer software.



What is agile methodology?

* Agile SDLC model is a combination of iterative and incremental

process models with focus on process adaptability and customer

satisfaction by rapid delivery of working software product.

What is SRS

* ( SRS ): Software Requirement Specification
* A software requirements specification (SRS) is a complete description of the behavior of the system to be developed.

What is oops ( OBJECT ORIENTED PROGRAMING )

* An object is like a black box.
* The internal details are hidden.

Write Basic Concepts of oops

* OBJECT - INHERITANCE
* CLASS - POLYMORPHISM
* ENCAUPASULATION - ABSTRACTION

What is object

* That is both data and function that

operate on data are bundled as a

unit called as object.

What is class

* A Class Represant an abstraction of the object and abstracts the properties and behavior of that object.

What is encapsulation

* Encapsulation is the practice of including in an object everything

it needs hidden from other objects. The internal state is usually

not accessible by other objects.



What is inheritance

* Inheritance means that one class inherits the characteristics of

another class. This is also called a “is a” relationship



What is polymorphism

* Polymorphism means “having many forms”.
* It allows different objects to respond to the same message in different ways, the response specific to the type of the object.



Write SDLC phases with basic introduction

* SDLC is a structure imposed on the development of a software product that defines the process for planning, implementation, testing,documentation, deployment, and ongoing maintenance and support.
* There are a number of different development models.



Explain Phases of the waterfall model

* Requirements must be “frozen” to early in the life cycle
* Requirements are validated too late
* Simple and easy to understand and use



Write phases of spiral model

* Planning
* Risk analysis
* Engineering
* Customer Evalution

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

* Agile SDLC model is a combination of iterative and incremental

process models with focus on process adaptability and customer

satisfaction by rapid delivery of working software product.

* These builds are provided in iterations.
* Each iteration typically lasts from about one to three weeks.

**Pro :** - Functionality can be developed rapidly and demonstrated.

* Resource requirements are minimum.
* Delivers early partial working solutions.

**Cons :** - Not suitable for handling complex dependencies.

* More risk of sustainability, maintainability and extensibility.
* An overall plan, an agile leader and agile PM practice is a must without which it will not work.



Write agile manifesto principles

* Individuals and interactions
* Working software
* Customer collaboration
* Responding to change

Explain Phases of the waterfall model

* Requirements
* Analysis
* Design
* Implementation
* Testing
* Maintenance

%3CmxGraphModel%3E%3Croot%3E%3CmxCell%20id%3D%220%22%2F%3E%3CmxCell%20id%3D%221%22%20parent%3D%220%22%2F%3E%3CmxCell%20id%3D%222%22%20value%3D%22%22%20style%3D%22rounded%3D0%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfontSize%3D18%3BfillColor%3D%23FFFFFF%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22150%22%20y%3D%2240%22%20width%3D%22600%22%20height%3D%221020%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%223%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2018px%3B%26quot%3B%26gt%3BONLINEBOOK%20SHOPPING%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22text%3Bhtml%3D1%3Balign%3Dcenter%3BverticalAlign%3Dmiddle%3Bresizable%3D0%3Bpoints%3D%5B%5D%3Bautosize%3D1%3BstrokeColor%3Dnone%3BfillColor%3Dnone%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22308%22%20width%3D%22250%22%20height%3D%2240%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%224%22%20value%3D%22%26lt%3Bb%26gt%3BCust

omer%26lt%3B%2Fb%26gt%3B%22%20style%3D%22shape%3DumlActor%3BverticalLabelPosition%3Dbottom%3BverticalAlign%3Dtop%3Bhtml%3D1%3BoutlineConnect%3D0%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%2230%22%20y%3D%22536%22%20width%3D%2250%22%20height%3D%2284%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%225%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-

**ONLINEBOOK SHOPPING**

**Customer**

**LOGIN**

**Registration**

**Profile**

**Management**

**add/update/drop**

**product**

**buy product**

**rent product**

**track product**

**view product**

**add to**

**wishlist/cart**

**share product**

**feedback**

**apply filter**

**payment**

**seller**

**ADMIN**



size%3A%2014px%3B%26quot%3B%26gt%3BLOGIN%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%2260%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%226%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3BRegistration%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22150%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%227%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-

size%3A%2014px%3B%26quot%3B%26gt%3Badd%2Fupdate%2Fdrop%20product%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22300%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%229%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Bbuy%20product%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22380%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2210%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Brent%20product%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22450%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2211%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Btrack%20product%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22520%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2212%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Bview%20product%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22596%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2213%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Badd%20to%20wishlist%2Fcart%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22670%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2214%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Bshare%20product%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22740%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2215%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Bfeedback%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22810%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2216%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2014px%3B%26quot%3B%26gt%3Bapply%20filter%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22890%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2217%22%20value%3D%22%26lt%3Bb%26gt%3Bpayment%26lt%3B%2Fb%26gt%3B%22%20style%3D%22ellipse%3BwhiteSpace%3Dwrap%3Bhtml%3D1%3BfontSize%3D14%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22373%22%20y%3D%22980%22%20width%3D%22120%22%20height%3D%2250%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2218%22%20value%3D%22%26lt%3Bb%26gt%3Bseller%26lt%3B%2Fb%26gt%3B%22%20style%3D%22shape%3DumlActor%3BverticalLabelPosition%3Dbottom%3BverticalAlign%3Dtop%3Bhtml%3D1%3BoutlineConnect%3D0%3BfontSize%3D14%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22810%22%20y%3D%22723%22%20width%3D%2250%22%20height%3D%2284%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2219%22%20value%3D%22%26lt%3Bb%26gt%3B%26lt%3Bfont%20style%3D%26quot%3Bfont-size%3A%2012px%3B%26quot%3B%26gt%3BADMIN%26lt%3B%2Ffont%26gt%3B%26lt%3B%2Fb%26gt%3B%22%20style%3D%22shape%3DumlActor%3BverticalLabelPosition%3Dbottom%3BverticalAlign%3Dtop%3Bhtml%3D1%3BoutlineConnect%3D0%3BfontSize%3D14%3BfillColor%3D%2300FF00%3B%22%20vertex%3D%221%22%20parent%3D%221%22%3E%3CmxGeometry%20x%3D%22810%22%20y%3D%22320%22%20width%3D%2250%22%20height%3D%2284%22%20as%3D%22geometry%22%2F%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2220%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D0%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%225%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22520%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22470%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2221%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BentryX%3D0%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%226%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%2280%22%20y%3D%22560%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22320%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2222%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D0%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%227%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22370%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22320%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2223%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D0%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%229%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22370%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22320%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2224%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BentryX%3D0%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2210%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%2280%22%20y%3D%22578%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22320%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2225%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2213%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22100%22%20y%3D%22600%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22690%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2226%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BentryX%3D0.031%3BentryY%3D0.338%3BentryDx%3D0%3BentryDy%3D0%3BentryPerimeter%3D0%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2214%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%2280%22%20y%3D%22560%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22690%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2227%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BentryX%3D0.031%3BentryY%3D0.326%3BentryDx%3D0%3BentryDy%3D0%3BentryPerimeter%3D0%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2215%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%2280%22%20y%3D%22560%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22690%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2228%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D0.041%3BentryY%3D0.279%3BentryDx%3D0%3BentryDy%3D0%3BentryPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2216%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22740%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22690%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2229%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D0%3BentryY%3D0%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2217%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22740%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22390%22%20y%3D%22990%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2230%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D0%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2212%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22730%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22680%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2231%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D1%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D0%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%224%22%20target%3D%2211%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22730%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22680%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2232%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BentryX%3D0%3BentryY%3D0.3333333333333333%3BentryDx%3D0%3BentryDy%3D0%3BentryPerimeter%3D0%3BexitX%3D1%3BexitY%3D0.5%3BexitDx%3D0%3BexitDy%3D0%3B%22%20edge%3D%221%22%20source%3D%225%22%20target%3D%2219%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22490%22%20y%3D%2271%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22180%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2233%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%2219%22%20target%3D%226%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22230%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22180%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2234%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2219%22%20target%3D%227%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22230%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22180%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2235%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2219%22%20target%3D%228%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22230%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22180%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2236%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2219%22%20target%3D%2212%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22810%22%20y%3D%22350%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22530%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2237%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BentryX%3D0%3BentryY%3D0.3333333333333333%3BentryDx%3D0%3BentryDy%3D0%3BentryPerimeter%3D0%3BexitX%3D0.992%3BexitY%3D0.349%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%2215%22%20target%3D%2219%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22580%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22530%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2238%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BentryX%3D0%3BentryY%3D0.3333333333333333%3BentryDx%3D0%3BentryDy%3D0%3BentryPerimeter%3D0%3BexitX%3D1%3BexitY%3D0.5%3BexitDx%3D0%3BexitDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2216%22%20target%3D%2219%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22710%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22660%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2239%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2218%22%20target%3D%225%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22350%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22300%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2240%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D1%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2218%22%20target%3D%226%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22280%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22230%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2241%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2218%22%20target%3D%227%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22800%22%20y%3D%22760%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22500%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2242%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2218%22%20target%3D%228%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22740%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22690%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2243%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%2218%22%20target%3D%2212%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22700%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22650%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2244%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Brounded%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3B%22%20edge%3D%221%22%20source%3D%2218%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22700%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22490%22%20y%3D%22830%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3CmxCell%20id%3D%2245%22%20value%3D%22%22%20style%3D%22endArrow%3Dnone%3Bhtml%3D1%3Bround%3D0%3BfontSize%3D12%3BexitX%3D0%3BexitY%3D0.3333333333333333%3BexitDx%3D0%3BexitDy%3D0%3BexitPerimeter%3D0%3BentryX%3D1%3BentryY%3D0.5%3BentryDx%3D0%3BentryDy%3D0%3B%22%20edge%3D%221%22%20source%3D%2218%22%20target%3D%2216%22%20parent%3D%221%22%3E%3CmxGeometry%20width%3D%2250%22%20height%3D%2250%22%20relative%3D%221%22%20as%3D%22geometry%22%3E%3CmxPoint%20x%3D%22410%22%20y%3D%22700%22%20as%3D%22sourcePoint%22%2F%3E%3CmxPoint%20x%3D%22460%22%20y%3D%22650%22%20as%3D%22targetPoint%22%2F%3E%3C%2FmxGeometry%3E%3C%2FmxCell%3E%3C%2Froot%3E%3C%2FmxGraphModel

Draw usecase on Online shopping product using COD.





**ONLINEBOOK SHOPPING**

**Customer**

**LOGIN**

**Registration**

**Profile**

**Management**

**add/update/drop**

**product**

**buy product**

**rent product**

**track product**

**view product**

**add to**

**wishlist/cart**

**share product**

**feedback**

**apply filter**

**payment**

**seller**

**ADMIN**