MODULE 1

*(SDLC)*

1. A software is a set of programs.

* Software engineering is a process of making and analyzing programs.

1. There are basically 2 types of softwares as named below.

* System software.
* This usually contains software programs that machine uses to operate. For example; windows , linux etc.
* Application software.
* This is contained of carrying out specific tasks that are commanded by the user. For example; adobe photoshop, autocad etc.

1. SDLC in full is Software Development Lifecycle.

It’s known as a process by which development industries use to design , develop and test softwares.

PHASES OF SDLC AND EXPLAINED.

* Requirement.

In this phase all necessary data and documents is collected from the client that will be needed in the SDLC building.

* Design.

This shows the architecture of the software and also shows how each feature in the SDLC will function.

* Implementation.

This is the main and longest phase . it contains the front-end , middleware and back-end where the data base is created.

* Testing .

Once the whole system is created , the software testing team is brought to use to check whether the given project by the client is working according the client’s demand and also check the possible errors .

* Deployment .

After testing the project , it is handed over to the client and it is re-checked by the clients .

* Maintainance .

The SDLC is under gone maintainace after a period of time to add up updates.

**DFD**

1. DFD is data flow diagram in full. It the process of flow of data in a system .

**DFD DIAGRAM ON FLIPKART**

REQUEST FOR LOGIN REQUES FOR REGISTRATION

USER

**Online items**

ADMIN

RESPONSE RESPONSE

1. A flowchart is a diagram that represents an algorithm step by step.

start

input number 1, number 2

sum= number 1 + number2

print sum

end