

Software Engineering Assignment

MODULE :1 (SDLC)

Q1.what is software?what is software engineering?

- Software is a collection of codes, documents, and triggers that does a specific job and fills a specific requirement.
- softwareEngineering is the development of products using best practices, principles, and methods.

Q2.Explan type of software?

- 1)Application software.
- 2)System software.
- 3)Middleware.
- 4)Driver software.
- 5)Programming software.

6)Freeware.

7)Open source software.

8)Proprietary software or closed software.

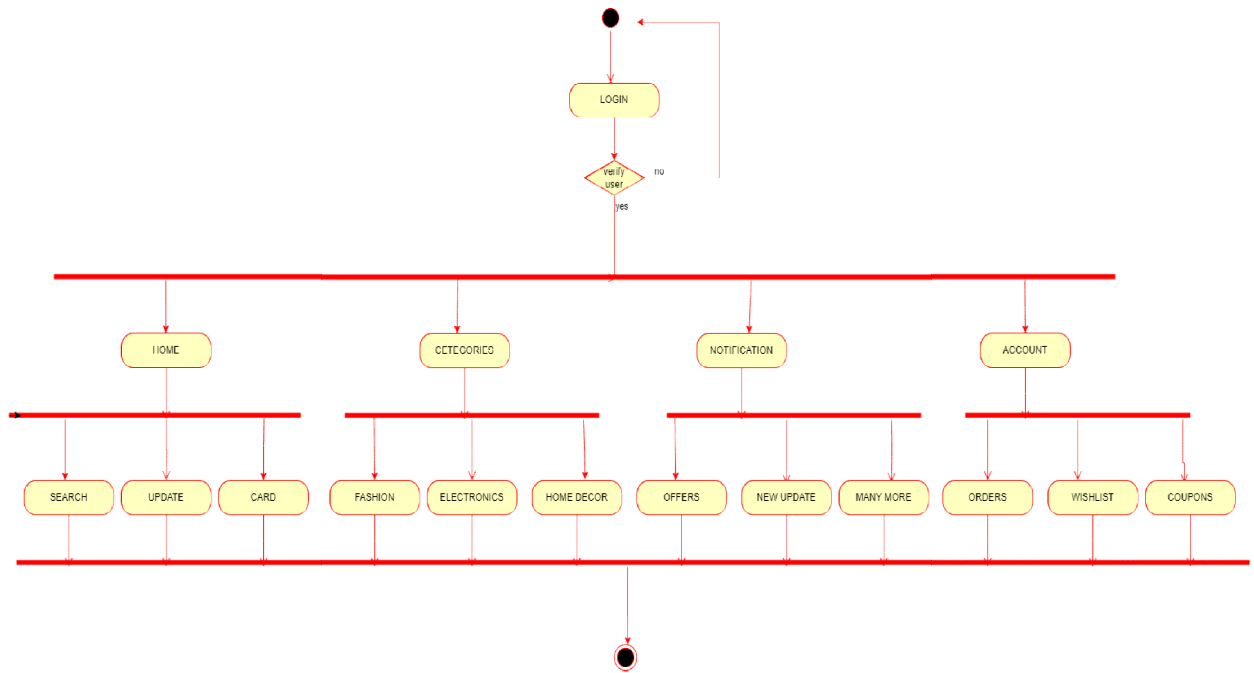
Q3.what is SDLC?Explain each phase of SDLC

- SDLC is focused on software development, while PDLC is focused on product development
- SDLC consists of various phases, such as planning, design, coding, testing, and deployment, while PDLC includes additional phases, such as market research, product planning, and marketing.

Q4.what is DFD?create a DFD digram on flipkart

- Data flow diagram (DFD) is a diagram being used frequently in software design. It visually represents the flow of data throughout processes in given system.

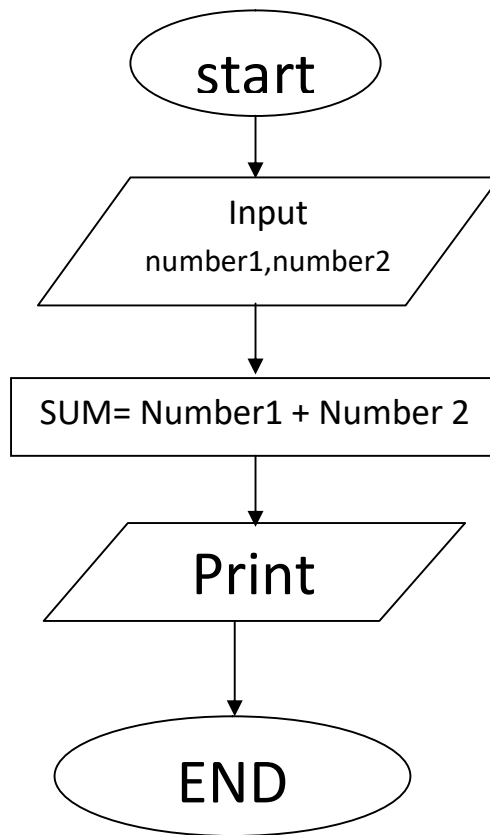
- DFD digram on flipkart:-



Q5.what is flow chart?create flowchart to make addition of two numbers

- A flowchart is a picture of the separate steps of a process in sequential order.

➤ **Flowchart of addition of two number:-**



Q6.what is use case diagram?crate a use-case on bill payment on paytm.

- A diagram is a visual snapshot of information. Think of diagrams as visual representations of data or information that communicate a concept, idea, or process in a simplified and easily understandable way

- crate a use-case on bill payment on paytm:-

