

1 What is software? What is software engineering?

software is information, data and set of interaction.

software engineering is department of engineering.

software engineering in software testing, srs document, software development

2 Explain types of software

3 types of software available

1. system software

-system software is like operating system they provide an environment to use application they help to run hardware and software

Ex-window, android, linux

2. application software

3 types of application available

1. desktop

application is that only run desktop is called as desktop application.

Ex-ms office, microsoft store

2. mobile application

application is that only run mobile is called as mobile application.

Ex-paly store, maps

3. web application

web application means web pages or web site showing in browser.

Ex-chrome, edge

3. program software

programming software is the process of design, implementation, testing maintenance the source code.

3 What is SDLC? Explain each phase of SDLC

SDLC full form software development life cycle.

it is process to develop software.

there are 6 phases

1 planning

2 analysis

3 design

4 implementation

5 testing & implementation

6 maintenance

4 What is DFD? Create a DFD diagram on Flipkart

DFD full form data flow diagram.

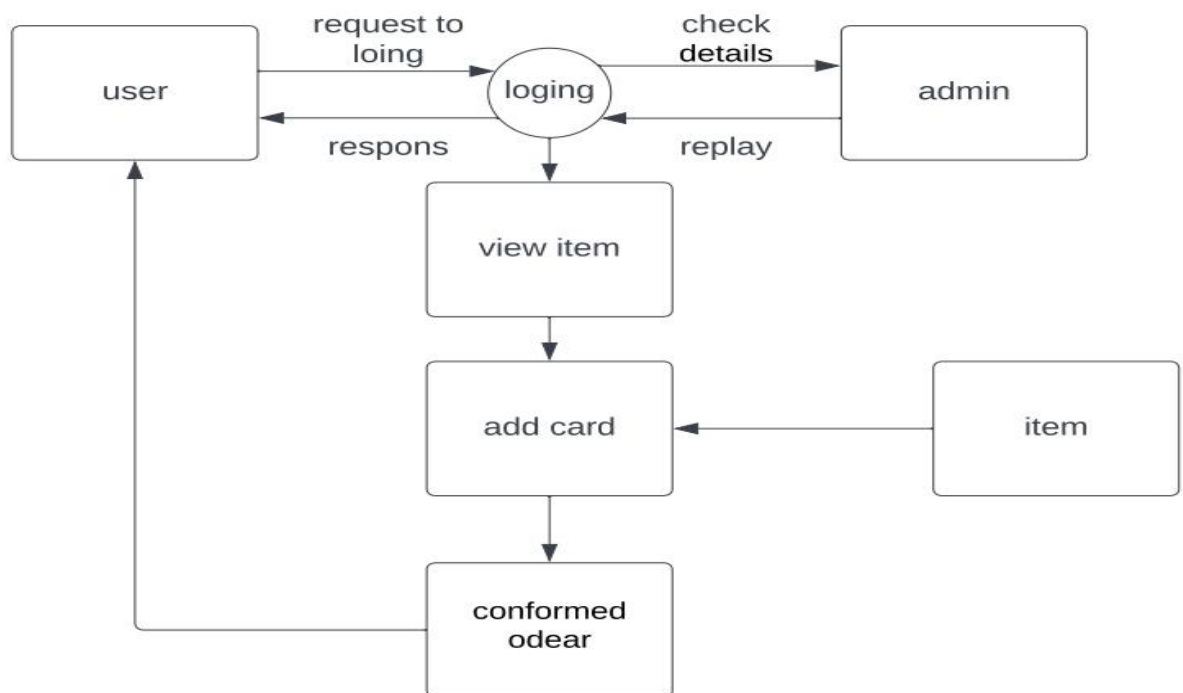
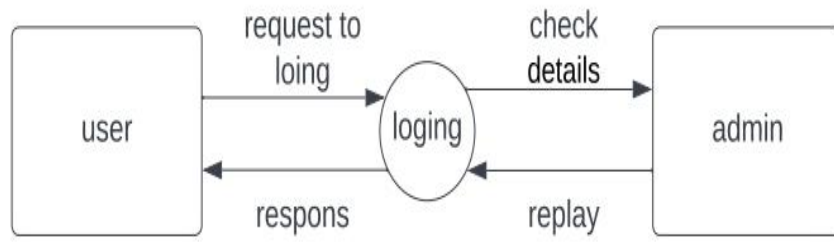
DFD is the graphical representation of how flows within the system.

creating a DFD these require elements:

external entity

process data flow

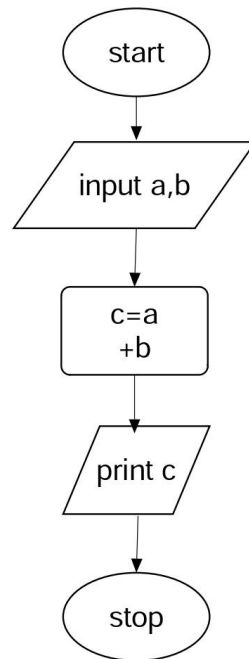
data store



5 What is Flow chart? Create a flowchart to make addition of two numbers

flow chart is a graphical representation of an algorithm.

not software engineer is make or understand the algorithm using the flowchart.



6 What is Use case Diagram? Create a use-case on bill payment on paytm

use case diagram is that graphical representation of what custome or ebsite has to access the data.

