SOFTWARE ENGINNERING ASSIGNMENT

SDLC MODULE 1
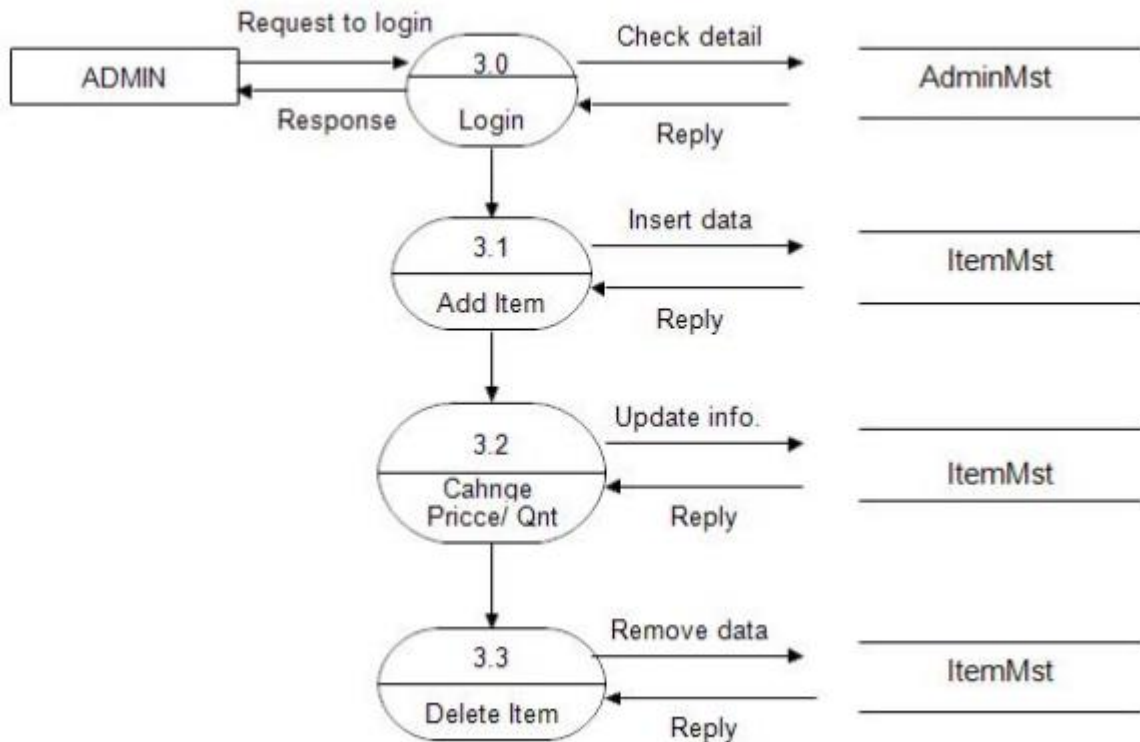
Que. 1	What is software? What is software engineering?
Ans. 1	Software is a set of programs used to operate on computers to complete the specific task.
Que. 2	Explain types of software
Ans. 2	There are two types of software as follows. a. **System software** – System software directly operates the computer hardware and provides the basic functionality to the users as well as to the other software to operate smoothly. In other words, system software basically controls a computer's internal functioning and also controls hardware devices such as monitors, printers, and storage devices, etc. b. **Application software** - Software that performs special functions or provides functions that are much more than the basic operation of the computer is known as application software. In other words, application software is designed to perform a specific task for end-users. It is a product or a program that is designed only to fulfill end-users' specific set of requirements. For example, inventory, payroll programs are application software.
Que. 3	What is SDLC? Explain each phase of SDLC
Ans. 3	SDLC stands for software development life cycle. SDLC has following phases. 1. Requirements – Requirement gathering phase from client. 2. Analysis – Requirement analysis phase 3. Designing – System designing phase 4. Development – System development phase 5. Testing – System testing phase 6. Deployment – System deployment on live / production server 7. Maintenance – System maintenance phase (to solve bugs if find any)
Que. 4	What is DFD? Create a DFD diagram on Flipkart
Ans. 4	DFD stands for data flow diagram.

Admin Side DFD - 1st Level

1st Level – Admin Side Data Flow Diagram

TOPS TECHNOLOGIES
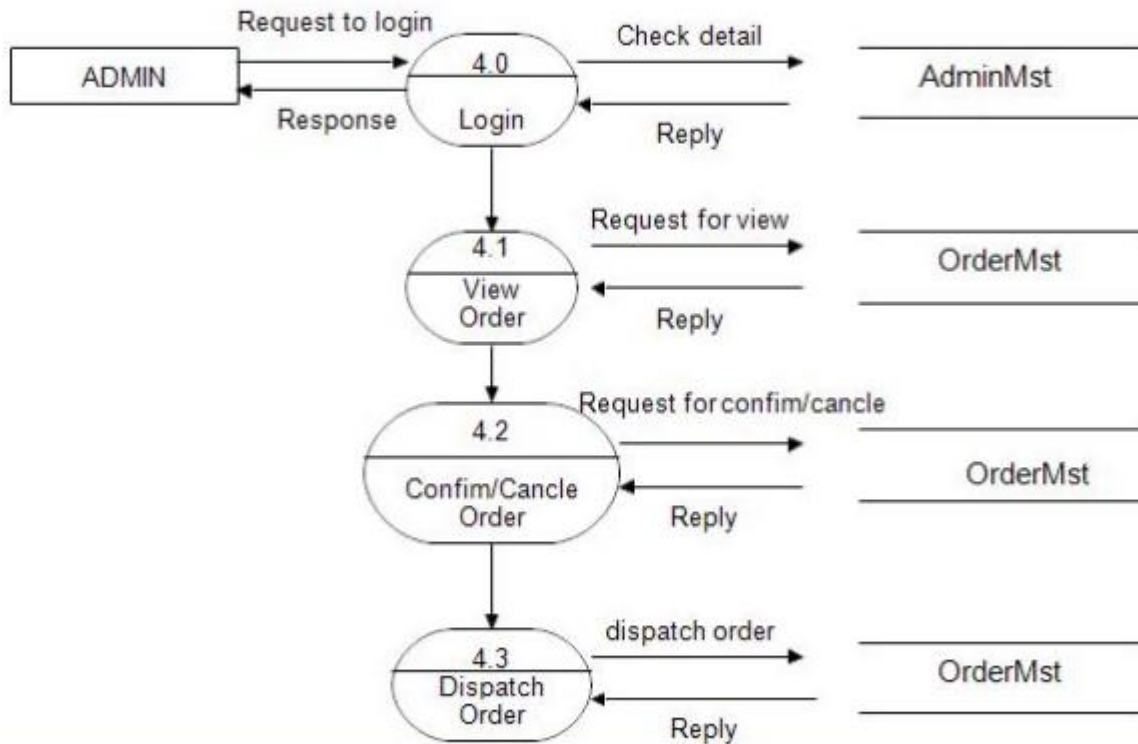Training   Outsourcing   Placement   Study Abroad

2nd Level Admin DFD - (3.0)
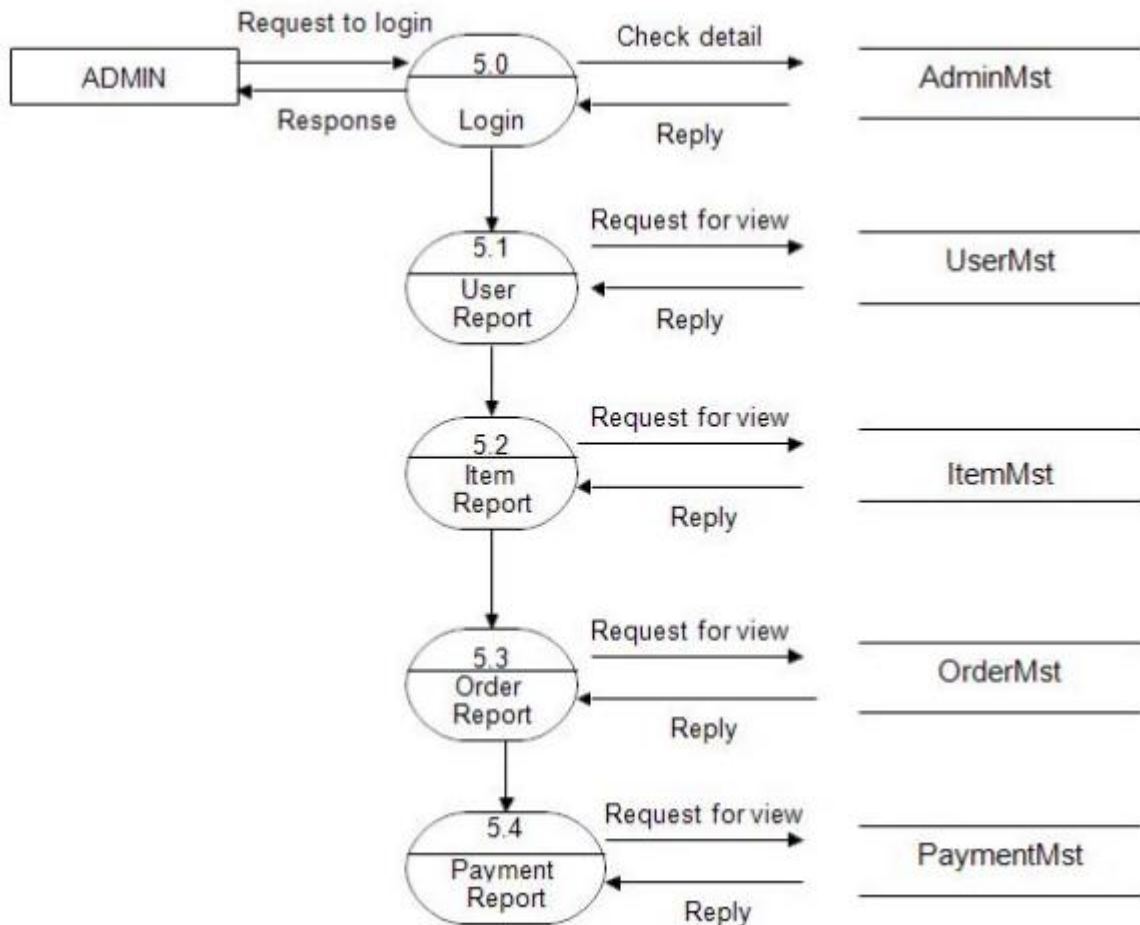
DFD for online shopping website project

2nd Level Admin DFD - (4.0)

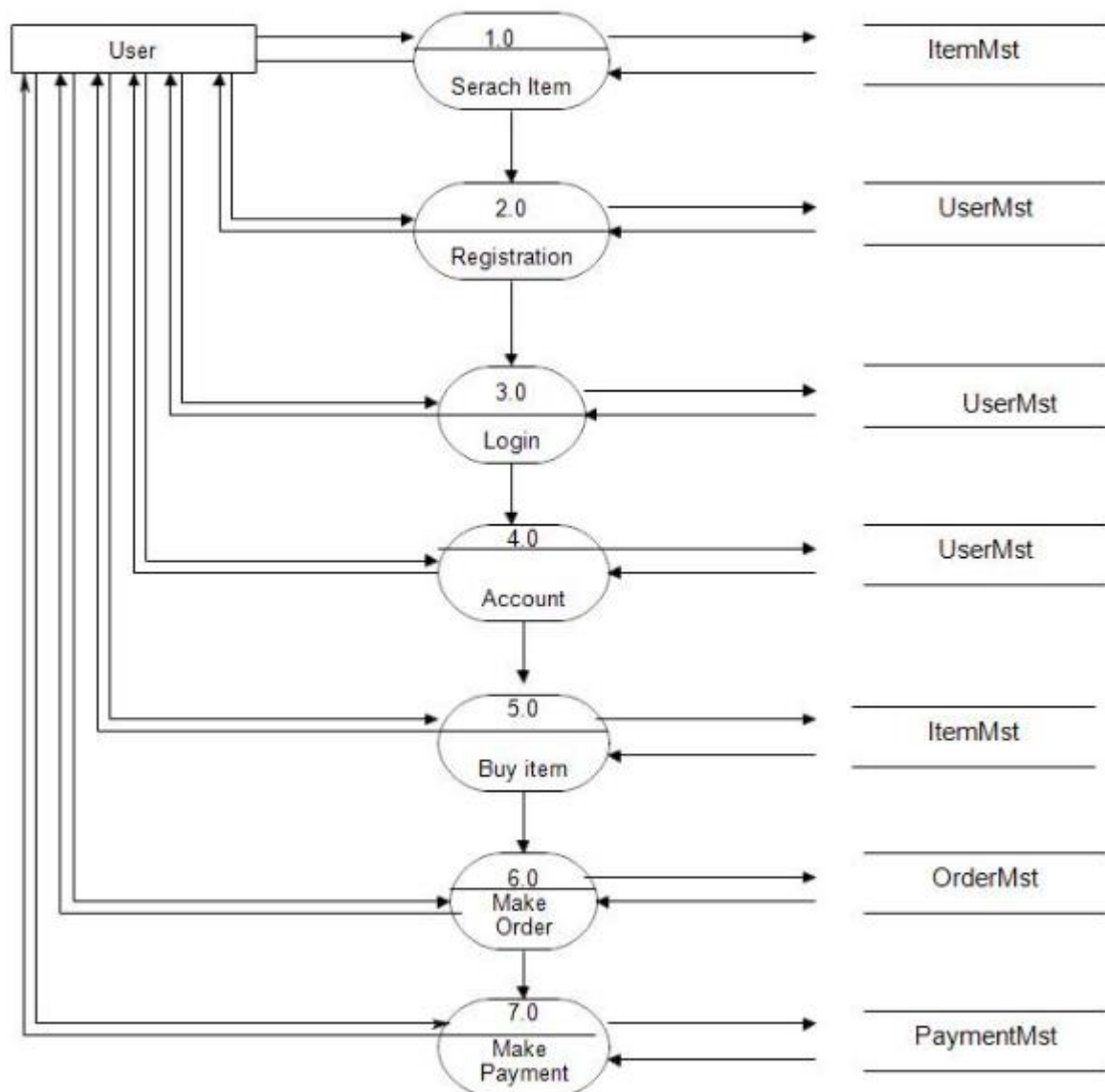Admin side DFD for online shopping website project

2nd Level Admin DFD - (5.0)

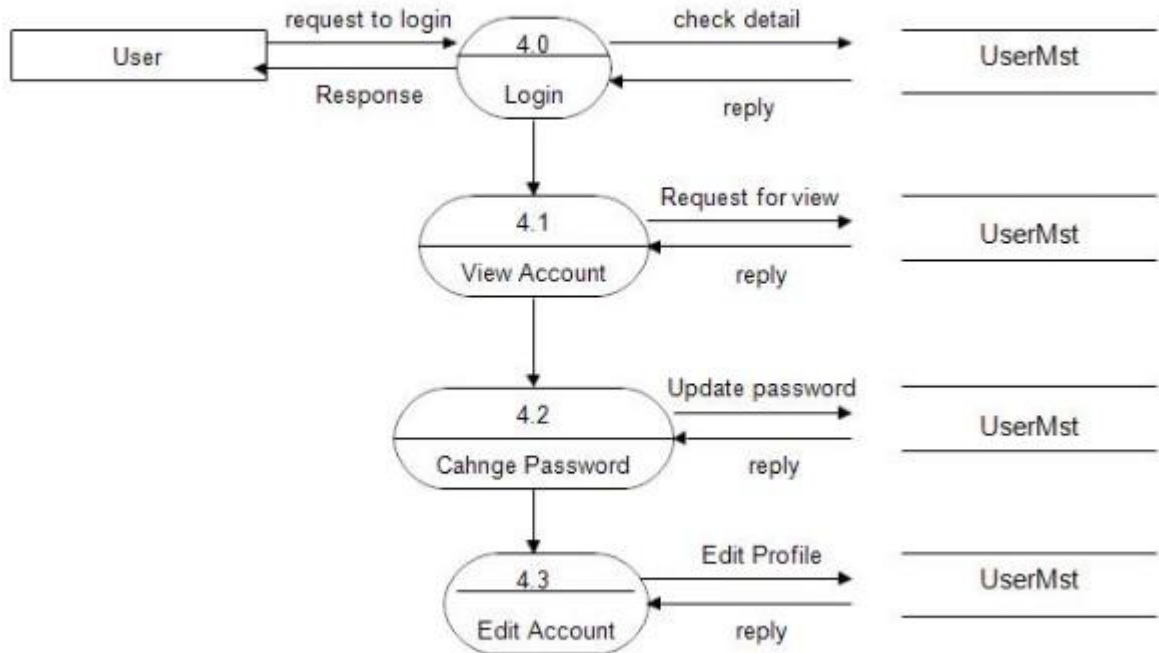Admin side DFD for online shopping website project

1st Level User side DFD

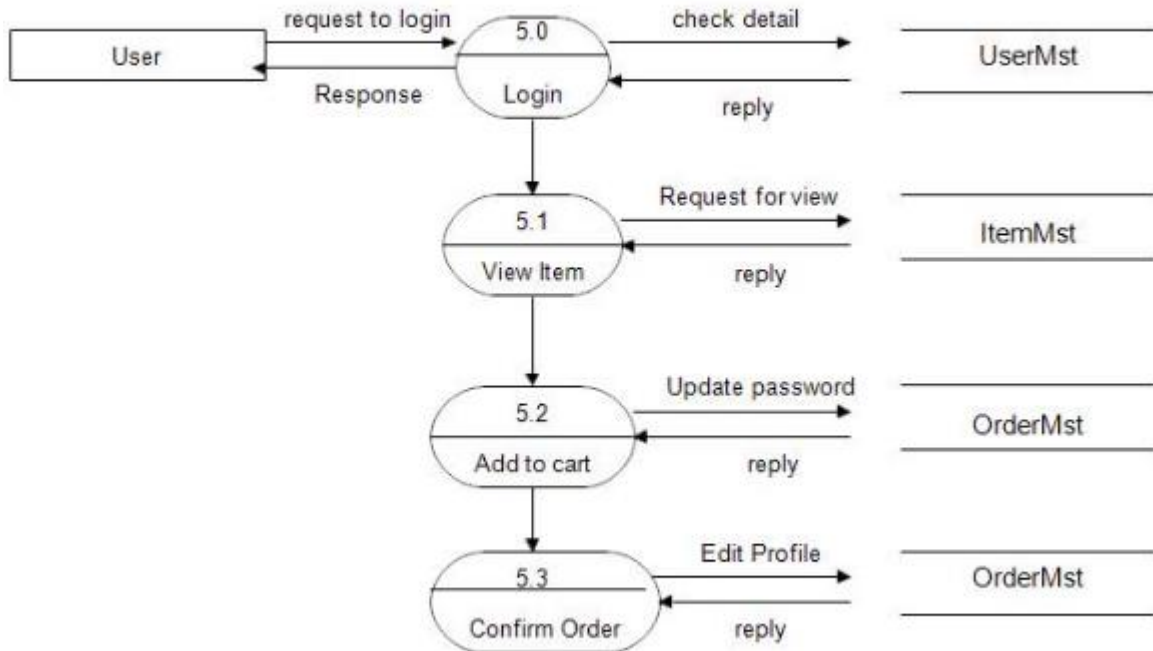User side DFD for online shopping website project

2st Level User DFD - (4.0)

User side DFD for online shopping website project

2st Level User DFD - (5.0)

DFD for online shopping website project

Que. 5	What is Flow chart? Create a flowchart to make addition of two numbers
Ans. 5	A flowchart is a picture of the separate steps of a process in sequential order. Flowcharts normally use standard symbols to represent the different types of instructions.
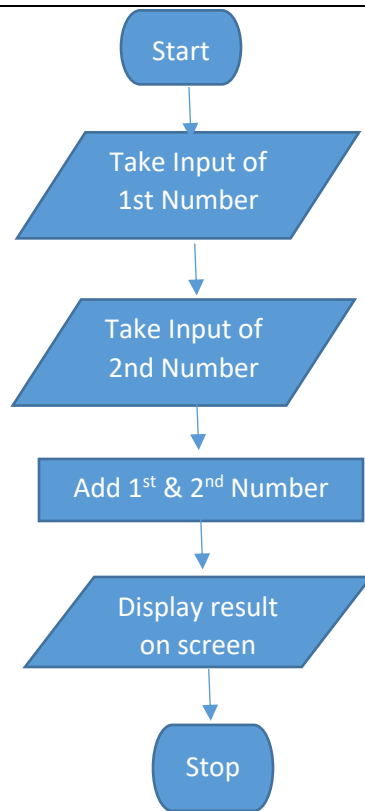
Que. 6	What is Use case Diagram? Create a use-case on bill payment on paytm.
Ans. 6	A use case diagram is a graphical representation of a user's all possible interactions with a system. A use case diagram shows various use cases (scenario) and different types of users of the system. The use case is made up of a set of possible sequences of interactions between systems and actors (users) in a particular environment and related to a particular goal.

Payment system