

Software Engineering

1. List out product based and Service based companies:

Product-based companies are Amazon, HP, Microsoft, Facebook, Adobe, Intel, Informatics, Oracle, Google, Amdocs, and CISCO etc.

Service-based companies are TCS, Infosys, Wipro, Accenture, Tech Mahindra, Cognizant, IBM, Cap Gemini etc.

2. Which models are used to develop software in most of the companies:

Waterfall Model

V-Model

Iterative and Incremental Model

Spiral Model

Rational Unified Process (RUP)

Agile Models

3. List out testing tools:

Selenium, test completes Appium, unit testing, Ranorex, Load runner, Automation, Robotium, Watir, API Testing, Gatling, and Squish etc.

4. List out versions of android OS:

Android Oreo

Android Pie

Android Donut

Android Ice cream sandwich

Android Jelly Bean

Android Cup cake

Android Éclair

Android Gingerbread

Android Lollipop

Android Froyo
Android Marshmallow
Android Kit Kat
Android Nougat
Android Petit Four
Honey comb

5. List out companies working on cyber security:

Kratikal
WeSecureApp
Cyberops InfoSec LLP
Data motive Technologies
Information security
K7 Computing
Microsoft
Quick Heal Technologies
RSK Cyber security
Sasken Technologies
Skylark Information Technologies
TAC Security Solutions

6. Scalability:

Scalability is the measure of a system's ability to increase or decrease in performance and cost in response to changes in application and system processing demands.

7. Web apps and Mobile apps:

Mobile applications are software programs built for a specific platform like tablets, smartphones, and other touch devices. They are downloaded via App Store or Play Store (Android). They offer users similar functionality to what they receive while browsing a web application from a desktop computer.

Mobile app is a software application developed specifically for use on small, wireless computing devices, such as smartphones and tablets.

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8. What is Server and Client

Server and Clients are programs. The client makes a request for a service, and a server performs that service.

A server is simply a computer that provides the network resources and provides service to other computers when they request it.

A client is the computer running a program that requests the service from a server.

9. Software Testing Companies

Fleek IT Solutions

TCS

Infosys

Wipro

Cognizant Technology Solutions

HCL Technologies

Tech Mahindra

Cap Gemini

Accenture IBM

10. Data Analytics Companies

Fractal Analytics

Accenture

Absolut data

IBM

Wipro

Google

Oracle

Teradata

Infosys Deloitte

11. Data Analytics Jobs

Data Scientist

Data Engineer

Business Analyst

Data and Analyst Manager

Data Systems developer

Data-driven manager

Marketing Analytics Manager

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Data base Administrator

12. What is application domain

An application domain is the segment of reality for which a software system is developed. It is the background or starting point for the actual-state analysis and the creation of a domain model.

13. Types of UML Diagrams

The current UML standards call for 13 different types of diagrams: class, activity, object, use case, sequence, package, state, component, communication, composite structure, interaction overview, timing, and deployment.

14. Chartering **CHARTERING** :

Chartering is an activity within the shipping industry whereby a ship-owner hires out the use of their vessel to a charterer. The contract between the parties is called a charter party. The three main types of charter are: **demise charter**, **voyage charter**, and **time charter**.

15. Retrospectives :

An agile retrospective is an opportunity for agile development teams to reflect on past work together and identify ways to improve.

16. Volatile Requirements :

These are requirements that are likely to change during the system development process or after the system have been become operational.

17. Assimilation Software :

Assimilation Software is a digital product design agency focused on marketing website design, mobile and web product design (UI/UX), Front-End, and Mobile Development.

18. CASE

Computer Aided Software Engineering

19. What is embedded system and examples for embedded device? An embedded system refers to the combination of hardware and software to carry out a specific task inside a device or bigger computer system.

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Examples:

Digital camera, calculator, smart watch, micro-wave oven, Automated Teller Machine, traffic lights, portable media player, industrial robot, smart phone, activity tracker etc.,

- 20 In software companies, how many Lines of Code was developed per day? A new developer will probably write about 100 lines of code a day or about 25,000 lines of code in a given working year. In contrast, a more senior engineer is probably writing about 20 lines of code a day or about 5,000 lines of code in a given working year.

21. Uses of (), [], { }

In programming,
() used for methods
[] used for arrays
{ } used to set scope
In other uses,
() – mandatory
[] – optional
{ } – multiple choice

22. List out the tools for estimated Scheduled Automated

project Jira Asana

Hive

Paymo Trello

Team Work

Zoho Projects

Wrike

Click up

Fore casting

23. List out the tools to access the progress of the project

Earned Value Management

Network Diagrams

Critical Path Method

Gantt chart

PERT chart

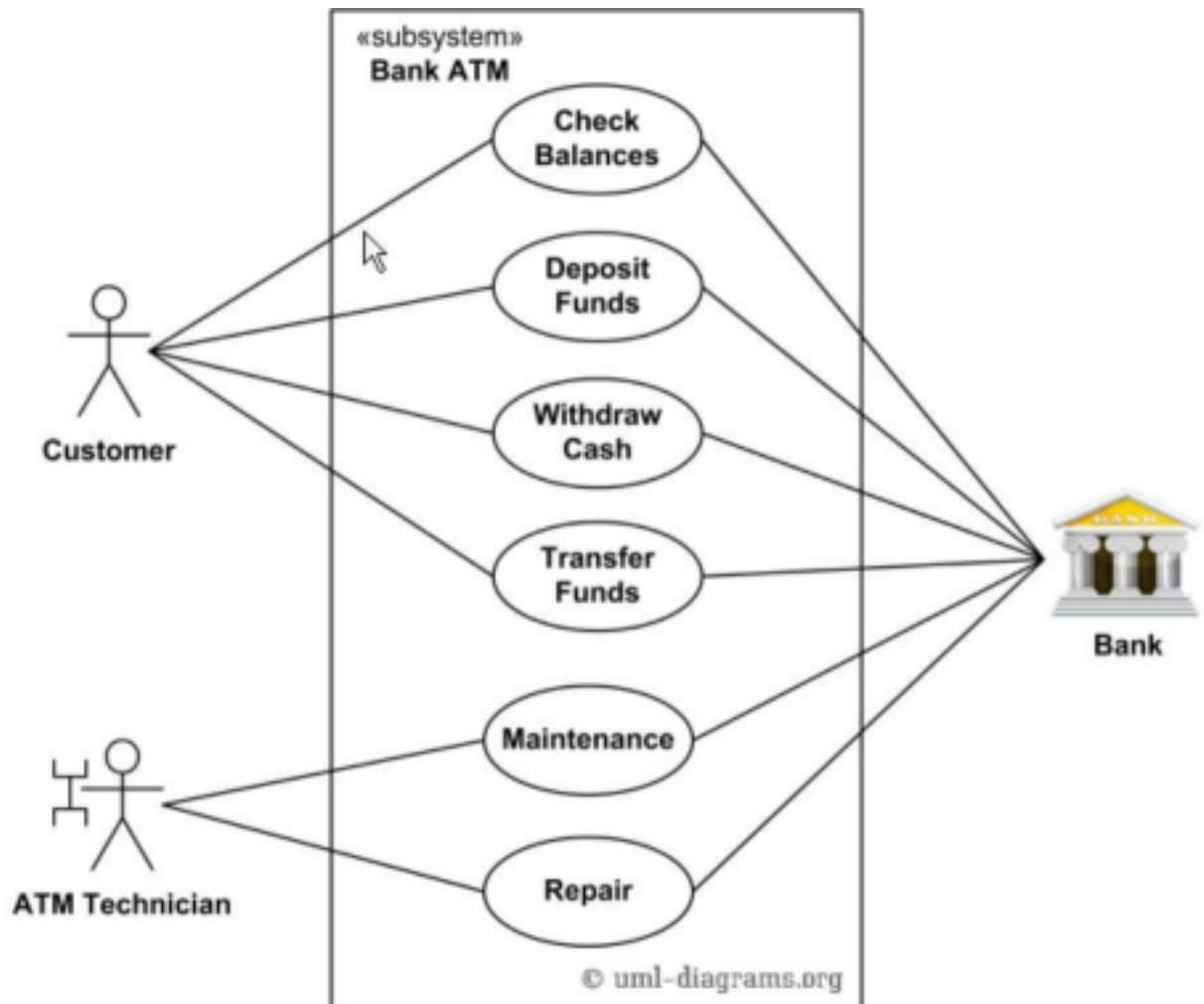
Project management software for time line

Project management software for status table

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24. Use Case diagram for user interacted with ATM machine



25. Most popular SCM tools

Juju

Ansible

Puppet
Chef
Salt
Terraform
Rudder
Octopus Deploy
End point central

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Hyscale

26. What are the real time applications in Software

Engineering? Examples of real time applications:

Video conferencing
Voice over internet protocol
Online gaming
Community storage applications
Some E commerce applications
Real time operating system
Instant messaging applications
Team collaboration

27. File Storage formats:

Text based formats
Binary formats
Container formats
Database formats

28. String Wrapped Software products:

String wrapped software products refer to software programs that are packaged or bundled together with other components or features. This can include additional libraries, frame works, or tools that enhance the functionality of the software. It's like getting a package deal where you get multiple things together.

Example:

Microsoft office suit – It includes programs like word, excel, and power point, all bundled together.

