Worst Situation In hr round(Questions)

…………………………………………………………………………………………

1)Which bank your company using for transations?

2)Which branch it will belongs to?

3)Can you tell me exact location of branch?

4)Have you seen that bank branch?

5)In your client to whom you report manager?

6)can you tell me name,and mail id of report manager?

7) What is your team size?

8) Tell me their names and email-id's?

9) Write your mail id of client location?

10)Tell me client location exactly?

11)where you are leaving(sr nagar),How will you reach to client location?

12)To reach the client location where will you get down?

13)What is your payrole company?

14)How many employees are their in payrole?

15)Tell me report manager name and mail id in payrole?

16)Tell me your colleages mail id's in payrole?

17)when will you came out from client company?(Exact date)?

18)Are you perment employee to payrole?

19)If you are in notice period?Tell me the exact date,When notice period will be complete?

20)Tell me Worst situation in previous company?

21)How much salary you are expecting

(Ans:Don't tell as per company nomes........ just tell how much hike you are expecting)?

22)Have payslips right now?

(Ans:Better don't carry anything,I will provide at the time of joining)

23)Where is your pay slips(In personal mail),Show me once?

24)whois your teamlead?Can i contact with him?

25)who is your hr,tell me the mail-id?

26)Tell me about your background(Details of family members,Education details)?

27)Tell me about my company?What you know?

28)If you have bug in your project?How to communicate with your team members?

29)What are your roles and responsibilities?

30)Are you preferable to join in permanent employee?

31)What is your sal at the time of joining?

32)What is your first hike date?

33) What is your current take home sal?

……………………………...If you try to answer these questions then no need to tense in Hr Round…………………………………

**Q): Explain about yourself?**

* Good Morning I am Shiva Kumar from Warangal. I am currently working at Tech Mahindra. I have 2.5 years of experience on Java and J2EE technologies.

**Q): Explain about your Project?**

My current Project is Recruit Web. It is end to end recruiting solution. It has 4 modules like

1. Job Creation or Posting Module (HRN)
2. Job Application Submission Module (JOB)
3. Job Application processing Module (HRW)
4. On Boarding Process Module (WNR)

The UP HR team has the Job Application Process roles. They can create a job opportunity and post them on the site. The UP/Non UP users can view and apply for the appropriate job. Recruit Web has the features to schedule interviews for the applicants and tracking the interview outcomes. Once a candidate is successfully done with the interview the process of bringing the candidate on board is also done through Recruit Web.

My responsibilities are

* Involved in Spring Controllers Development.
* Developed Hibernate mappings using annotations.
* Developed DAO’s using HQL and Criteria API.
* Used IOC to resolve dependencies to ensure the loose coupling.
* Developed JSP’s as per the Requirement.
* Implemented Unit Test cases using Junit and Mockito.
* Involved in documentation of the project.
* Participating in daily scrums.

**2. Web Newhire Registration**

WNR is an on boarding web application which will have different pages to fill by the candidate for a new position in UPRR. It has integration points with SAP and People Soft to interact with other HR Recruiting systems. It is a hybrid web application which will work on both mobile and desk top. It is a one of the module in Recruit Web application.

My Responsibilities are

* Implement the Spring REST services to serve the Json data to UI Pages
* Involved in development of DAO classes
* Involved in implementing client and server side validations
* Responsible for integration testing and release to QA
* Involved in documentation of the project
* Participating in daily scrums.
* Unit testing

**Q): Explain about your Project Architecture?**

**Creating Job**

**(JSF)**

**HRN**

**(inter) HRA**

**DB**

**Apply Job (HTML+CSS)**

**JOB**

**(JQuery+Spring MVC)**

**HRX**

**(External)**

**(Service based Application**

**XML Web Application &**

**JMS)**

**On Board Process (HTML+CSS)**

**(JQuery+Restfull)**

**WNR**

**(JQuery+Spring MVC)**

**(internal)**

**Application Process**

**(HTML+Wicket)**

**HRW**

**(Internal)**

It is end to end recruiting solution. It has 4 Modules

1. Job Application Processing module
2. Job Creation or Posting module
3. Job Application Submission module
4. On Boarding process module

**Q): Overview of all Modules in your project and internal functionalities in your modules?**

In my current project there are 4 modules i.e.

1. Job Creation or Posting module (HRN)
2. Job Application Submission module (JOB)
3. Job Application Processing module (HRW)
4. On Boarding Process module (WNR)

**Job Creation or Posting Module (HRN):**

There is no. of tables in HRN module like

|  |  |  |  |
| --- | --- | --- | --- |
| JOBNUM | TITLE | TYPE | DT |
|  |  |  |  |

1. HRS\_RECUTER
2. HRS\_PRN\_DT (Person details)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| FN | MN | LN | AD | CITY | STATE | ZC |
|  |  |  |  |  |  |  |

1. HRS\_EDC (Education)

|  |  |
| --- | --- |
| HSD/GED(High school diploma) | PHSE (Post High School Education) |
|  |  |

1. HRS\_CNTINF (Contact information)

|  |  |  |
| --- | --- | --- |
| PHONE | PHONE TYPE | CONTENT TYPE |
|  |  |  |

1. HRS\_SKILSET

|  |  |  |
| --- | --- | --- |
| SKILLS | PROFICIENCY | EXPERIENCE |
|  |  |  |

1. HRS\_WH (Work History)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| JOB TITLE | COMPANY NAME | FROM | TO | AD | CITY | STATE | COUNTRY |
|  |  |  |  |  |  |  |  |

1. HRS\_CQ (Company Questions)
2. HRS\_PSQ (Position Specific Questions)

**Job Application Submission Module (JOB):**

There are no.of tables in JOB module like

1. HRS\_CANDD (Candidate details)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CANID | FN | MN | LN | PH.N | MAIL-ID | ADD(F.K) |
|  |  |  |  |  |  |  |

1. HRS\_ADD (Address)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ADD-ID | CITY | STATE | COUNTRY | PC |
|  |  |  |  |  |

1. HRS\_CAND\_CNTINF (Contact information)

|  |  |  |
| --- | --- | --- |
| CN | PH.N1 | PH.N2 |
|  |  |  |

1. HRS\_SKILSET

|  |  |  |
| --- | --- | --- |
| SKILLS | PROFICIENCY | EXPERIENCE |
|  |  |  |

Auditing columns:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| APPL-ID(F.K) | LST-UPDT-BY | CRTM-DT | CRTD-BY | LST=UPPT-DT |
|  |  |  |  |  |

1. HRS\_APPL

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| APPL-ID | JOBNUM | JTYPE | FN | MN | LN | CITY | STATE |
|  |  |  |  |  |  |  |  |

1. HRS\_APPL\_WH (Work History)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| APPL-ID | WT | ROLE | FROM | TO |
|  |  |  |  |  |

1. HRS\_APPL\_EDU (Education information)

|  |  |  |  |
| --- | --- | --- | --- |
| APPL-ID | HQ | YEAR | PERSENTAGE |
|  |  |  |  |

**On Boarding Process Module (WNR):**

There is no. of tables in WNR module like

1. HRS\_WNR
2. HRS\_WNR\_PN (Person Name)
3. HRS\_WNR\_BANK
4. HRS\_WNR\_WH

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| JOB TITLE | CN | FROM | TO | AD | CITY | STATE | COUNTRY |
|  |  |  |  |  |  |  |  |

1. HRS\_WNR\_MITRY

**Job Application Processing Module (HRW):**

This module contains no. of **Queues**

* Applications Received (145)
* Application Military (170)
* Applicant blank information(50)
* PAT (85)
* Terminated (235)

Disposition

|  |  |  |  |
| --- | --- | --- | --- |
| DISPNUM | TITLE | TYPE |  |
| 0000486 | New Applicant |  |  |
| 0000321 | On Board Process |  |  |
| 0000703 |  |  |  |
|  |  |  |  |

**Q): How can you secure in your project?**

**(Site Minder) (LDAP)**

**(Server)**

**(Browser)**

**(DB)**

UN:

PWD:

**JOB**

**(JBOSS)**

In this job application submission module we are entered the data base credentials it can be stored into LDAP database. In the purpose of security reasons. Let see the how the process will work in the LDAP. First client entered data base credentials in to the browser it will hit the middle server (Tomcat) than server will communicate with the site minder. Site minder will maintain the separate DBMS like LDAP. In that case credentials are correct it will come back to the middle server. Than middle server will communicate with the Actual server and connect to the database. If the credentials are wrong come back to the browser login page.

**Q): What is Difference between Application Server and Web Server?**

**1Q): What is java?**

* Java is a **programming language** and a **platform**.
* Java is a high level, robust, secured and object-oriented programming language

**Platform:** Any hardware or software environment in which a program runs is known as a platform. Since Java has its own runtime environment (JRE) and API, it is called platform.

**Where it is used?**

According to Sun, 3 billion devices run java. There are many devices where java is currently used. Some of them are as follows:

* Desktop Applications such as acrobat reader, media player, antivirus etc.
* Web Applications such as irctc.co.in, javatpoint.com etc.
* Enterprise Applications such as banking applications.
* Mobile
* Embedded System
* Smart Card
* Robotics
* Games etc.

**Types of Java Applications:**

**1. Standalone Applications:** It is also known as desktop application or window-based application. An application that we need to install on every machine such as media player, antivirus etc. AWT and Swing are used in java for creating standalone applications

**2. Web Applications:** An application that is distributed in nature, such as banking applications etc. It has the advantage of high level security, load balancing and clustering. In java, EJB is used for creating enterprise applications.

**3. Enterprise Applications:** An application that is distributed in nature, such as banking applications etc. It has the advantage of high level security, load balancing and clustering. In java, EJB is used for creating enterprise applications

**4. Mobile Applications:** An application that is created for mobile devices. Currently Android and Java ME are used for creating mobile applications.

**Features of Java:** There is given many features of java. They are also known as java buzzwords. The Java Features given below are simple and easy to understand.

1. Simple
2. Object-Oriented
3. Platform independent
4. Secured
5. Robust
6. Architecture neutral
7. Portable
8. Dynamic
9. Interpreted
10. High Performance
11. Multithreaded
12. Distributed

**JVM:**

|  |
| --- |
| JVM (Java Virtual Machine) is an abstract machine. It is a specification that provides runtime environment in which java byte code can be executed. |
| JVMs are available for many hardware and software platforms. JVM, JRE and JDK are platform dependent because configuration of each OS differs. But, Java is platform independent. |
| The JVM performs following main tasks:   * Loads code * Verifies code * Executes code * Provides runtime environment |

**JRE:**

|  |
| --- |
| JRE is an acronym for Java Runtime Environment. It is used to provide runtime environment. It is the implementation of JVM. It physically exists. It contains set of libraries + other files that JVM uses at runtime. |
| Implementations of JVMs are also actively released by other companies besides Sun Micro Systems. |

**JDK:**

JDK is an acronym for Java Development Kit. It physically exists. It contains JRE + development tools

**2Q).What is Enterprise Applications?**

Any program/application/system/project that is used to provide business services

Client Layer:

* It is browser software.

Controller/Application Layer:

* Receiving user request from client
* Capturing the user input
* Validating the user input(If any validation errors are there display error page)
* Calls the business method to and get processed data
* Keep the processed data in memory(request/session/application scope)
* Finally forward the request to VIEW

**Note:** We should not write business-Logic/Data-Access-Logic in the Controller Layer. Because the logic written in controller layer is not reusable

Presentation/View Layer:

* Receive the control from Controller Layer
* Generate the output by taking the data from memory(request/session/application scope), which is stored by controller layer
* Generated output will be given to web-server, which intern return the output to browser

Business/Service Layer:

* Receiving request from Controller Layer
* Contacting the Data Access Layer to get the database data
* Implementing the business logic
* Return the processed-data to Controller Layer

Persistent/Data-Access Layer:

* Receiving the request from business Layer
* Contacting database to get the database data
* Return the accessed data to business Layer

Data Layer:

* It is a database.

**3Q). what are the different logics available in Enterprise Application?**

* Presentation Logic:Logic used to present the output/input.
* Application/Controlling Logic**:** Logic used to control the flow of application.
* Business Logic:Programmatically implementation of business rules is nothing but business logic.
* Data Access Logic: Logic used to contact the Database.

**4Q): What is Ibatis?**

It is a same as Hibernate ORM Tool in my project there are some complex queries to avoid this complexity.

At that time we go for ibatis. It is little bit faster than hibernate.

**5Q): How to map the ibatis in our project?**

There is a sqlmapping.xml.

**6Q): Why you went for ibatis?**

**7Q): How many modules in spring?**

n Number of modules in spring, but basic modules are

1. Spring IOC

2. Spring JDBC

3. Spring ORM

4. Spring MVC

5. Spring AOP

**8Q): Why we use Spring IOC?**

For dependency injection and resolving the dependencies.

**9Q): Why use spring MVC in our project and what controller did you used?**

It is used for developing the controllers.

**10Q): Why we use Spring ORM?**

It is used for database interacting.

**11Q): How you used Spring ORM in your project can you tell me the configuration?**

ORM we used for integration with hibernate Template.

First configure the data source injecting to the local session factory that injecting to the hibernate Template.

**12Q): Where we used Spring DAO module in your project and what is the configuration?**

Configure the data source injecting the data source to the JDBC Template; it’s injected to the DAO.

**13Q): Can we use Spring DAO, ORM, MVC at a time in the project?**

Yes.

**14Q): What is Java Mail-API and where you used in your project?**

There are two types of mails.

1. Application Mail

2. Physical Mail

In my project number of mails sending based on the project.

**15Q): How many ways deploying the server?**

3 ways

1. Using Eclipse

2. MVN

3. ANT

**16Q): Explain difference between Application server and Web server?**

When we use web server we can deploy only war files where we can deploy jars and wars by using application server.

**Q) How to deploy dev project to another project?**

**17Q): What is ANT and How to deploy the project?**

It is a build tool and there is build.xml file in that file one target folder is there in that target folder

Project name, id, description etc. in that target folder all, clean, compile is there.

**18Q): What is Maven?**

* It is a build tool
* Maven is a repository
* It is a build process

**Q): Why Maven?**

Maven's primary goal is to allow a developer to understand the complete state of a development effort in the shortest period of time. In order to attain this goal there are several areas of concern that Maven attempts to deal with:

Making the build process easy

Providing a uniform build system

Providing quality project information

Providing guidelines for best practices development

Allowing transparent migration to new features

**19Q): How to deploy maven in your project?**

**20Q): What is deference b/w ANT and Maven?**

**21Q): What are the Plugins used in your project of maven?**

**22Q): What is the use of pom.xml?**

POM stands for *Project Object Model*. It is fundamental Unit of Work in Maven. It is an XML file. It always resides in the base directory of the project as pom.xml.

The POM contains information about the project and various configuration detail used by Maven to build the project(s).

POM also contains the goals and plugins. While executing a task or goal, Maven looks for the POM in the current directory. It reads the POM, gets the needed configuration information, then executes the goal. Some of the configuration that can be specified in the POM are following:

project dependencies

plugins

goals

build profiles

project version

developers

mailing list

Before creating a POM, we should first decide the project group (groupId), its name(artifactId) and its version as these attributes help in uniquely identifying the project in repository.

**23Q): How do you connect SVN server and what is SVN?**

**24Q): What is CVS and how do you connect CVS server?**

Same as SVN. We have used at our old project. Now we are using SVN.

**25Q): What is log4j and slf4j?**

**26Q): Did you write log4j properties in your project?**

No, my team lead will take care about that.

**27Q): where you used log4j and slf4j?**

Both we used in our project.

**28Q): what are the jars needs to be added for logging information?**

log4j.jar, slf4j.jar and bridge jars.

**29Q): How many ways we can configure log4j properties?**

Log4j.xml and log4j.properties.

**30Q): what we configured inside log4j.properties**?

Appenders, layouts and level.

**31Q): Which server is used in your local environment?**

Tomcat or Jetty.

**32Q): How will you connect with SVN?**

Using eclipse subversive plug-in after that using our admin gave username, password and url.

**33Q): How many types of developer testing?**

Two ways

1. Unit Testing.

2. Integration Testing.

**34Q): Have you used JUnit in your project and how will used it?**

Yes, First we create one test folder inside create a test class annotate with @Rus and write a method inside it and

Annotate with @test and passing some inputs and getting expected output by using assert equals method. We will pass both expected and actual values.

**35Q): Did you use Mockito in your project? How will you use? When you use?**

Yes write a class annotate with @Runswith (mockito runner). We mock the DAO object and perform testing.

**36Q): What is Toad?**

It is a tool to connect with database. This tool is available for the entire database.

**37Q): What is Pl/SQl developer?**

It is a tool to connect with database but it is specific to oracle database.

**38Q): What is Sql prompt?**

It is a tool connect with oracle database, we will write queries

**39Q): What is mySql browser?**

It is tool to connect with mysql browser.

**40Q): Have you used servlets**?

We didn't use directly in project, but in spring it is having front controller that is dispatcher servlet.

**41Q): How many types of projects?**

Three types

1. Maintenance project (adding enhancements and fixing bugs

2. Supporting Project (fixing bugs)

3. Developing project (developing from scratch).

4**2Q): Can we use ibatis and hibernate in one project?**

Yes, in my project we have some reporting module for that performance is faster so that ibatis is used .writing pure SQL queries.

**43Q): What is web Services?**

We used web services in our project, but i didn't involved.

**44Q): Where you have used exception handling in your project?**

**45Q): Where you have used abstraction in your project?**

**46Q): What are the Databases Tools you can use?**

Pl SQL, Toad, SQL Prompt-Not Used

Generally worked with oracle. Database tool is PlSQL

**47Q): What is Views (in our database)?**

1. Normal View(if table may contain 100 columns we can see only 10 columns because of security constraints or abstraction than we can create view)

Create view Ex: (select id, name, salary)

View can contain select queries only

1. Materialized view (we can see total table data than create materialized view)

**48Q): What is Proceducers?**

**49Q): What is Package?**

group of proceducers.

**50Q): What is Function?**

Function should always returns values ex: min ,max, avg, sum

**51Q): What is Sequences?**

Primary key values

**52Q): What is Database links?**

To connect one database to another database

**53Q): How you can see the data from the database?**

Using database tool like PlSQL developer, Toad

**54Q): What is Ticket management tool (or) Project lifecycle management tool?**

jira

**What is Ticket:** issue, problem, support, hardware or software issue etc.

**55Q): What is Environment migration tool?**

**CM Wizard** is an environment migration tool. It can be used for to move dev environment to test environment or test environment to product environment.(or) to move one environment to another environment.

**56Q): What is Continuous Integration tool?**

We can use Code performance

**57Q): Tools**

**Version tools:** SVN, CVS (Concurrent Version System)

**Logging tools:** Log4j, slf4j

**Build tools:** ANT, Maven

**Unit testing tools:** JUNIT, Mockito

**Project Management tools or Ticket Management tools:** Jira, quality center, Findbugs, bugzilla, clearcase

**Environment migration tools:** Kintana,CMwizard (it is used in my project)

**Continuous Integration tools (or) release tools:** Jenkins, Hudson

**Code quality tools or review tools:** PMD, Check Stock, SONAR

**Performance tools:** Jmetes

**Database tools:** Pl SQL developer, Toad

**58Q): What is JMS (Java Message Services)?**

Java Message Service (JMS) is an application program interface (API) from Sun Microsystems that supports the formal communication known as messaging between computers in a network. Sun's JMS provides a common interface to standard messaging protocols and also to special messaging services in support of Java programs

(or)

JMS (Java Message Service) is an API that provides the facility to create, send and read messages. It provides loosely coupled, reliable and asynchronous communication

JMS Concept will be execute only Asynchronous concept

**59Q): What is difference between Synchronous and asynchronous?**

**60Q): Which Domain you worked?**

HR Domain or Recruit Web Domain

**61): What do you have done with last month your Company?**

Some bug is identified and fixed it

**62): defects identified in your project?**

Yes we can use jira tool

**63): In your project service based project or product based project?**

Service based project

**Q) Can you explain job application process module (HRW) in your project and what you have written on that module**

**Q) Can you explain what are the codes you write HRW module in that controller layer, service layer, dao layer and model and jsps,**

**Q) Where you can write Junit and Mockito in your Project**

**Q) Where you can write Log4j and Slf4j in your project**

**Q) Where you can write Hibernate Mappings in your project**

**Q) Where you can write abstract classes and exception handling mechanism in your project**