**Framework Interview Questions**

**Question :- What framework you have used in your current Project? (HCL, Synechron, TCS, Capgemini, KPIT, TechM, Persistent, Zensar)**

Ans :- We have used TestNG as a unit testing framework with Data driven approach & design pattern used is Page Object Model

**Explain the structure of your framework? (Accenture, deutsche bank, master card, Synechron, ABB )**

Ans :- Please refer to the framework notes

**Q> What is singleton design pattern? (GE, Avaya, Mindtree, HCL)**

Ans :-

In Java then you must have used new keyword. This new keyword create an Object of class whenever required. But there are some scenarios where you don’t want to create individual Object for different purpose.**Singleton Pattern** ensures that one and only one Object is instantiated for a given class. Whenever object of given class is required, only single(No more than one object) Object get returned

we will create a private Constructor and also a static method to create object of the same class.

class JBT {

private static JBT instance = null;

/\*

\* As private constructor is used so can not create object of this class

\* directly. Except by using static method of same class.

\*/

private JBT() {

}

/\*

\* This method will be used to get instance of JBT class. This method will

\* check if there is aready an object of class create or not if not then it

\* will create an Obect of JBT class and return the same else it will return

\* the existing Object.

\*/

static JBT createInstance() {

if (instance == null)

return new JBT();

else

return instance;

}

inti;

}

**Q>can you achieve Singleton design pattern using final? (NTT data, deutsche bank)**

Ans :- No

**Q>How do you maintain version of your code? (Samsung, IBM, Syntel, BMC)**

Ans :- we use SVN to version our code. To do code check in and check out we use subclipse

**Q>What did you keep in excel and .properties? (Amazon, CG)**

Ans :- In Excel we keep all the data, such as multiple combination of user names and password.

In properties file we keep xpaths, URL, default user name and password etc.

**Q>What are components of framework? (Media ocean, neeyamo, L &T)**

**Or**

**Question :- Give me few points about what is the use of Framework (jUnit or TestNg)**

Ans :-

1. Reusability of code
2. Maximum coverage
3. Recovery scenario
4. Low cost maintenance
5. Minimal manual intervention
6. Easy Reporting

**Q>How have you implemented OOPS in your project? Explain with examples (Tieto, Fundtech)**

Ans :- please refer to our designed framework

**Question :- Have you tested in different browsers? If yes how? (Xnet, Wipro, TechM)**

ANS: yes, this can be done in 2 ways,

1) we can pass the browser names in Frame Work it selfthrough CONFIG.Properties file and

2) By using Grid we can test our application in multiple Browsers at a time. This is called Parallel and First one is Sequential

**Question:- what are the issues you have faced while doing cross browser testing?**

Ans:- There is no issues with Firefox , But with IE and Chrome there is an CERTIFICATION ERROR's.

Means if we are attempting to test an https sites these errors will occur. So we have to override those errors with Desired Capabilities class

2) This is easy but you should write, the Chrome and IE is not independent browsers you know these will come up with a driver exe file you have to download these driver exe file according to your os bit(64/32),

if your system is 32 you have to download 32 bit driver exe file and you have to specify the driver exe file Path in our program then only it will work, otherwise it will display an error.

**Question:- Once a framework is developed will you do any changes to the framework?**

ANS: Yes. There could be few changes related to reports. There could be few enhancement or changes in methods. The structure is same.

**Question :- How frequently you execute your script? (In agile)**

ANS: Every Day Dry Runs will be there, in order to confirm that all will be working fine.

**Question:- what are the components of framework?**

Ans:- 1)General Frame work components: Properties files, configuration files, Data sheets, Testbase class, Utilities Class, Test cases, Reports, Logs

**Question:- how to read the property files**

Ans:- Refer the recorded session

**Question:- How to read the excel files which API have you used**

Ans:- Apache POI

**Question:- how do u take screen shot in your framework (Quest, Wipro, accenture, persistent )**

Ans:- we have created a library class and we were calling it in @AfterMethodanotation

public static void ScreenShot(WebDriver driver,StringscreenshotName) throws IOException

{

TakesScreenshotts =(TakesScreenshot)driver;

File Source=ts.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(Source, new File("./ScreenShots/"+screenshotName+".png"));

}