TECHPROED

PROFESSIONAL TECHNOLOGY EDUCATION

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Can you describe your project? **Q2**

Projenizi tanımlar mısınız? **Q2**

Can you describe your framework? Q3

Framework 'unuzu tanımlar mısınız? Q3

- I have been working on FHC-Trip application and it is an internal application

- we work on legacy module and we update our room types and designs every season

- We create different room reservations and provide customers a wide range of available room opportunities and internally check the room reservation options and validate different types of room reservations.

- Our framework is based on POM (Page Object Model) that all elements go to a specific module where we are able to keep our codes cleaner and more understandable. It is really important to maintain your codes well organized as we might face a lot of difficulty when we check-in the code (push the code) because we have a lot of objects that we create and we are storing our objects in a utility package where we have a TestBase class.

- We are creating all our Pojo classes under a separate package and we create

  our modules under pages and we call Page Factory class and initialize all our Web Elements in the constructor, then whenever we extend our Test Base class,

We directly initialize all our Web Elements as we have all our Objects created in our Test Base class.

We do test them under tests package, and we use Before Method and After method Annotations where we set /assign the browser calling Driver utility and we handle all synchronization issues within Before method annotation. I check if the scenario.isFailed or not, then get the reports and ScreenShots accordingly.

I use Maven to centralize and manage my dependencies which are in my Pom.xml file.

- FHC trip projesinde çalışıyorum ve internal (dahili) bir aapplication.

- Biz legacy modülünde çalışıyoruz ve oda çeşitlerini ve dizaynlarını sezonluk olarak değiştiriyoruz.

- Farklı rezervasyon imkânları oluşturup müşterilerimize çeşitli room rezervasyon olasılıkları sunuyoruz ve farklı oda çeşitleriyle room rezervasyon opsiyonlarını validate ediyoruz.

- Framework 'ümüz, tüm öğelerin kodlarımızı daha temiz ve daha anlaşılır tutabildiğimiz belirli bir modüle gittiği POM'a (Page Object Model) dayanmaktadır.

- Kodlarımızı daha organize tutmaliyiz ki check-in (push) ederken collaborationda da sorun yasamayalim ve bunun icin tum objelerimizi bir TestBase adinda utility icerisinde olustururuz ve bu sayede tum constructorlari oradan run etmis oluruz ve WebElementlarimiz initialize olur.

- Testlerimizi ve Objelerimizi (WebElements) farkli packagelarda tutariz ve herhangi bir yerde hard kod yapmamis oluruz.

- Utilities package imizda Web Driver, excel ve Selenium da Kullandigimiz bir cok class ve method vardir ve onlari her yerde defalarca kullanarak reusable kodlar haline getiririz.

- BeforeMethod da tum set-up I yapariz ve kodlarimiz gidilmesi gereken linke navigate eder

- AfterMethod ile screenshot aliriz ve raporlarimizi olustururuz.

With Cucumber you should also add following description.

▶ Our framework is a Hybrid framework as it supports BDD (Behavior Data Driven) and Data Driven Testing using apache Poi and Scenario outline to provide and test multiple test data and it also supports Data Base testing using JDBC.

▶ Frameworkumuz Hybriddir cunku hem BDD hemde DDT yi kullanir. Appache POI ve Scenario outline ile biz multiple test data kullanir ve manipule ederiz.

▶ Bununla birlikte DataBase testing de yapariz JDBC yi kullanarak.

What is Maven? What kind of maven commands do you use?

Maven nedir ve ne gibi maven commandler kullanirsiniz?

- I use Maven to manage and centralize my dependencies

- I use

- mvn clean => cleans and deletes the build directory

- Mvn build => used for project build, dependency and plugins

- Mvn verify => would run current runnable tests

- Maveni dependencylerimizi yönetmek icin kullaniyoruz.

- Baslicalari;

- mvn clean => build directory i temizler

- mvn build => projeyi build eder dependency ve pluginleri yapilandirir.

- mvn verify => run etmeye hazir testleri run eder.

- Mvn clean install => projeyi temizler ve build eder

When do you decide to automate?

Ne zaman automate etmeyi planlarsiniz?

When it takes a lot of manual efforts, then we decide to automate them

Automation is so useful for

-Repetitive functionalities.

-Critical functionalities

-end-to-end workflows

- Cok fazla manuel efor gerektirecek senariolarda automation kullaniriz

- Surekli tekrar eden functionalitylerde

- Kritik functionalitylerde

- End-to-end workflowlarda (bastan sona senariolarda)

Why are you looking for a new job?

Neden yeni is arayisi icerisindesiniz?

- My project is about to be over and **I** already let my team know that **I** am looking for new opportunities..
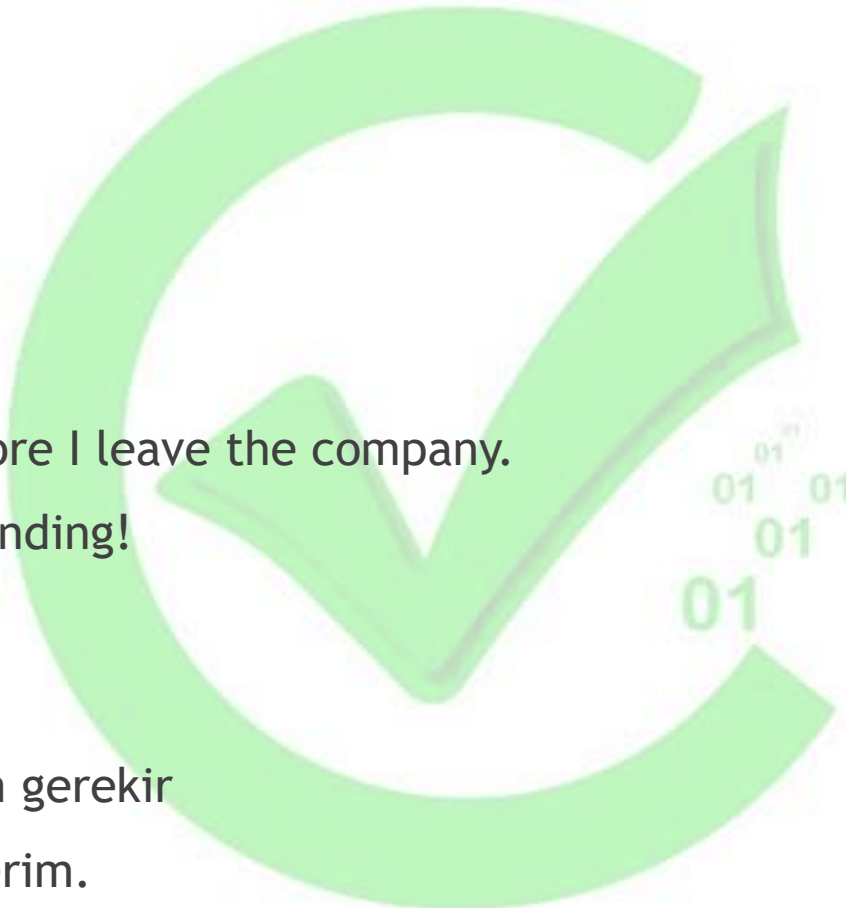
- Projem yakında son bulacak bu sebepten..

Can you start tomorrow?

Hemen yarin baslayabilir misiniz?

- I am sorry, I can not.

- I need a 2 weeks notice before I leave the company.

- Thank you for your understanding!

- Ozur dilerim baslayamam.

- 2 haftalik bir notice vermem gerekir

- Anlayisiniz icin tesekkur ederim.

Describe a challenge that you faced in your last project?

Son projenizde karsilastiginiz bir challenge dan bahseder misiniz?

- I was inserting the same type of Date format and last time we needed to add Nano seconds as well and our Developer and I did not know that date format was different from the previous version and he asked me about the missing digits that our script had and I just reminded the previous version was different and when we applied the Nano seconds which requires about 3 digits everything went well!

- Database e girdigim tarih te nano saniye eklenms ve developer imiz 2 digit eksik giriyorsunuz demisti ve bende 3 digit eksik oldugunu fark ettim ama uygun bir şekilde Developer a ifade ettim ve mesele cozuldu.

- Describe something from FHC trip or Global Trader

What are the benefits of Automation Testing?

Automation in avantajlari nelerdir?

- Supports execution of repeated test cases

- Enables parallel execution

- It reduces human errors

- Saves time and money

- Tekrar eden scenariolari execute eder.

- Paralel test yapar.

- Insan hatalarini aza indirger

- Zaman ve paradan kazandirir.

What are the different Selenium components?

Selenium un farkli componentlari nelerdir?

- **Selenium Integrated Development Environment (IDE)=> Firefox , chrome**
- **Selenium Remote Control (RC)**
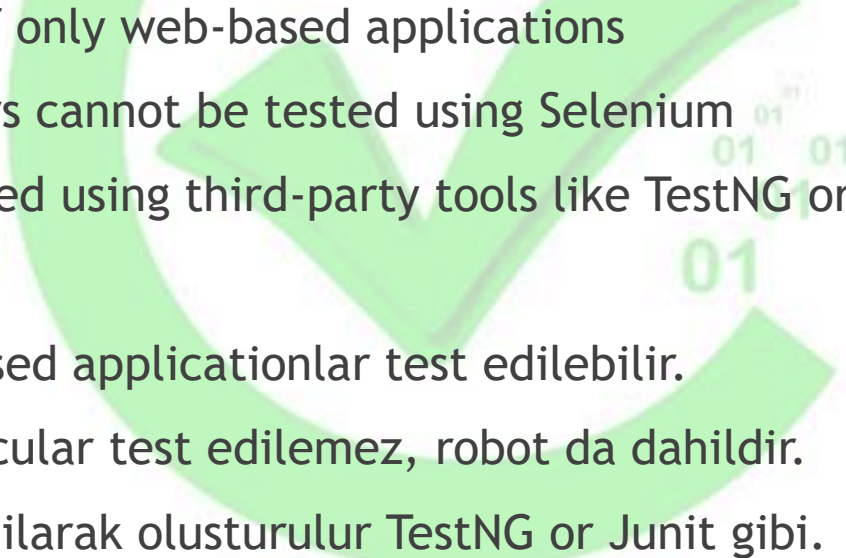- **Selenium WebDriver**
- **Selenium Grid**

What are the limitations of Selenium?

Selenium un limitleri nelerdir?

- Selenium supports testing of only web-based applications

- Captcha and Barcode readers cannot be tested using Selenium

- Reports can only be generated using third-party tools like TestNG or JUnit.

- Selenium ile sadece web based applicationlar test edilebilir.

- Captcha and Barcode okuyucular test edilemez, robot da dahildir.

- Raporlar extra toollar kullanilarak olusturulur TestNG or Junit gibi.

What are the different types of locators in Selenium?

Kac farkli locator vardir Selenium da?

- ID
- ClassName
- Name
- TagName
- LinkText
- PartialLinkText
- Xpath
- CSS Selector
- DOM
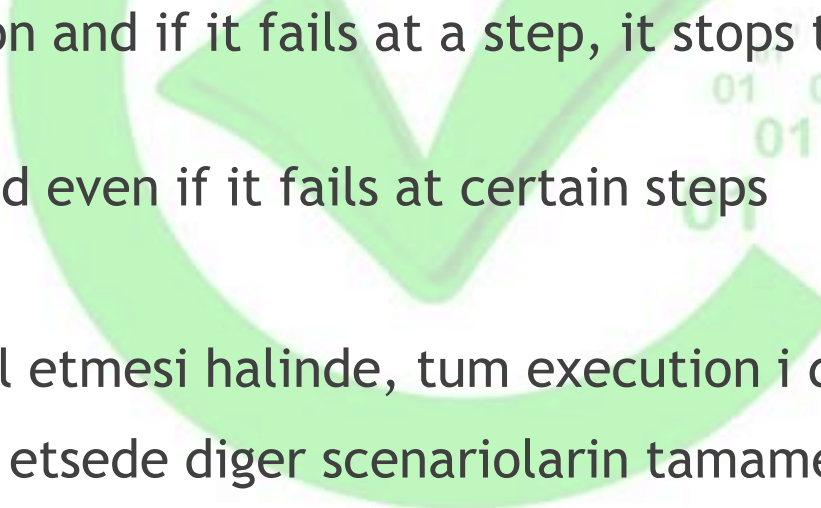
What is the difference between assert and verify commands?

Assert ve verify arasindaki fark nedir?

- Assert checks the condition and if it fails at a step, it stops the execution

- Verify executes till the end even if it fails at certain steps

- Assert bir kondisyonun fail etmesi halinde, tum execution i durdurur.

- Verify ise bir scenario fail etsede diger scenariolarin tamamen run etmesini bekler

What are the different types of Drivers available in WebDriver?

Ne gibi driverlar kullanmak mumkundur Selenium ile?

- FirefoxDriver

- InternetExplorerDriver

- ChromeDriver

- SafariDriver

- OperaDriver

- AndroidDriver

- IPhoneDriver

- HtmlUnitDriver

How do you handle Synchronization issues in Selenium?

Selenium da zaman meselesini nasil cozersiniz?

- I use

- Implicit Wait

- Explicit Wait

Note: They might ask you the syntax and be ready for them

Implicit ve Explicit wait kullanirim

- Bunlar icin syntax sorabilirler(yani uygulanan ornek)

What are the different types of navigation commands?

Ne gibi navigation command leri vardir?

- **navigate().back()** => *driver.navigate().back();*

- **navigate().forward()** => *driver.navigate().forward();*

- **navigate().refresh()** => *driver.navigate().refresh();*

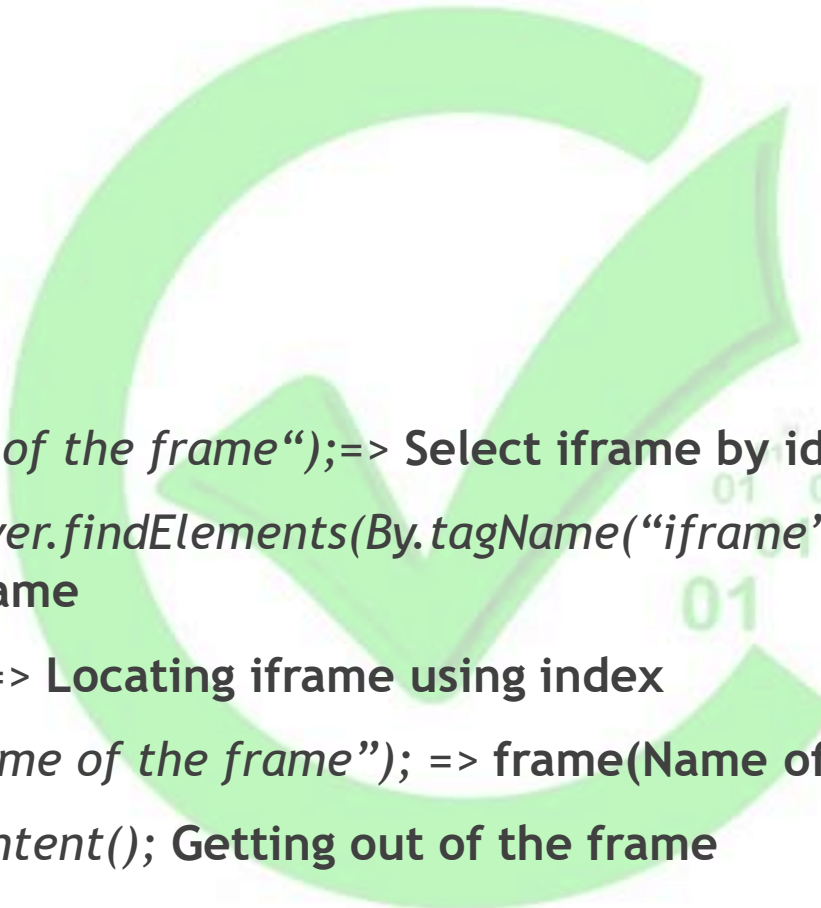- **navigate().to()** => *driver.navigate().to("https:techproed.com/");*

How do you handle Iframes?

Iframeleri nasil halledersiniz?

- *driver.switchTo().frame("ID of the frame");=>* **Select iframe by id**

- *driver.switchTo().frame(driver.findElements(By.tagName("iframe").get(0));=>* **Locating iframe using tagName**

- *driver.switchTo().frame(0);=>* **Locating iframe using index**

- *driver.switchTo().frame("name of the frame"); =>* **frame(Name of Frame)**

- *driver.switchTo().defaultContent();* **Getting out of the frame**

How do you handle pop-ups?

Pop-up lari nasil halledersiniz?

- I use Alert Interface and we have 4 available methods that we can use

- dismiss()

- accept()

- getText**()**

- sendKeys(String "value")

- Alert Interface ini kullanirim ve 4 metods vardir;

- dismiss()

- accept()

- getText**()**

- sendKeys(String "value")

How do you hover over?
Nasil mouse un uzerine gelirsiniz?

▶ I use Action class

▶ Actions actions=**new** Actions(driver);

▶ actions.moveToElement(driver.findElement(By.id("id of the dropdown"))).perform();
WebElement subLinkOption=driver.findElement(By.id("id of the sub link"));
subLinkOption.click();

How do you handle dropdowns?

DropDown lari nasil halledersiniz?

- I use Select class

- Select class ini kullanirim

- Select dropdown = new Select(driver.findElement(By.id("designation"));

Do you have any questions for us?

Herhangi bir sorunuz var mi bizim icin?