

PROJECT ON WYNK MUSIC WEBSITE TO PLAY FOR SONG



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SLA TESTING BATCH

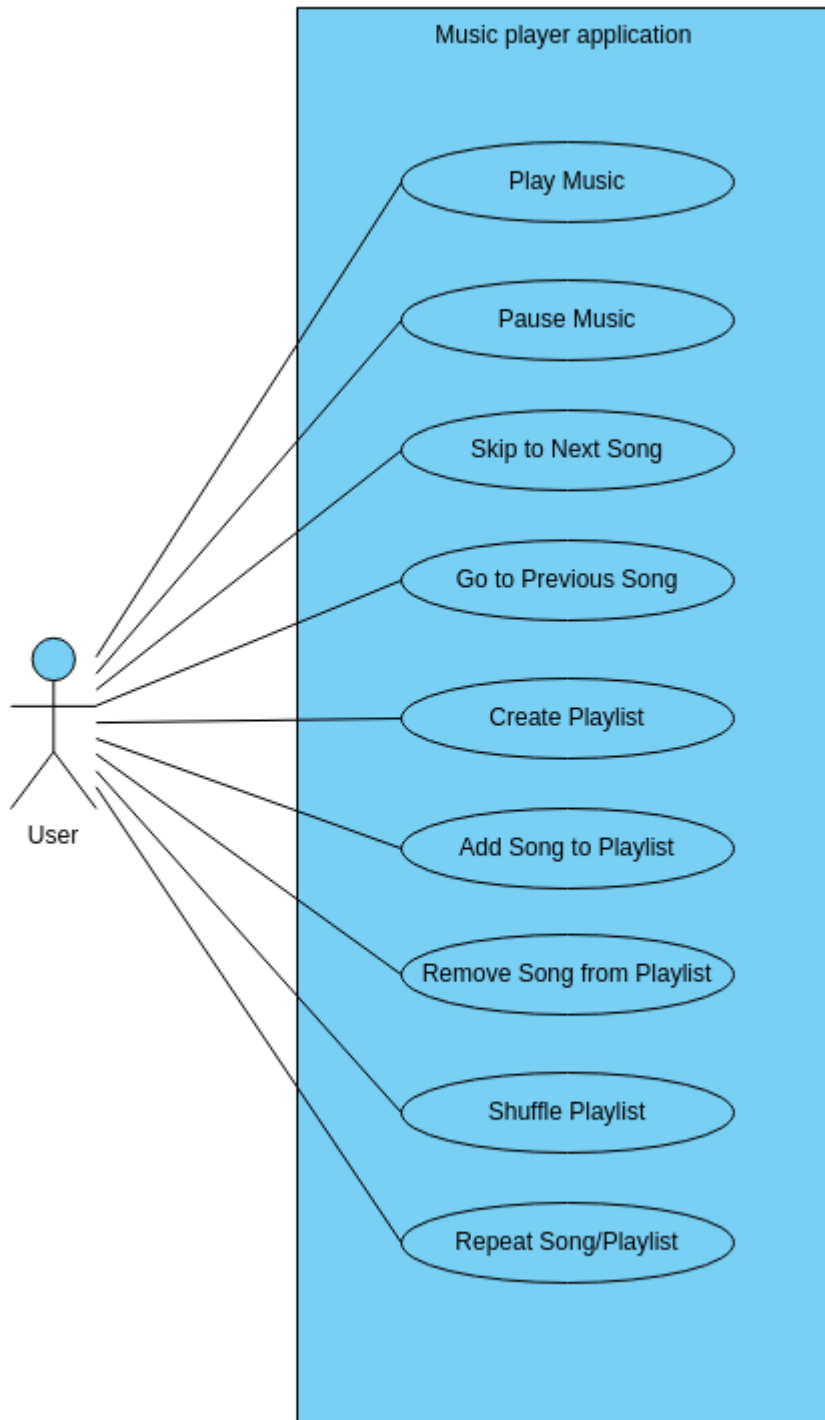
ABSTRACT

1. Objective : Automation of the process on wynk music website using Selenium in Eclipse.

2. Steps :

- ❖ Login with enter phone number.
- ❖ Enter the OTP in valid phone number
- ❖ Search
- ❖ Select the songs
- ❖ Finally, play the song

3. Purpose : Enhancing efficiency and accuracy search the songs process on wynk music website through automated testing.



Testing wynk music Website in chrome:

```
package org;

import java.io.File;
import java.io.IOException;
import org.openqa.selenium.io.FileHandler;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Test;

public class WynkMusic {

    WebDriver driver;
    JavascriptExecutor js;

    @BeforeSuite
    public void launchBrowser() {

        System.setProperty("Webdriver.chrome.driver", "D:\\New
folder\\Selenium\\driver\\chromedriver.exe");
        driver =new ChromeDriver();
        driver.manage().window().maximize();

    }
    @Test(priority=1)
    public void urlLaunched() {

        //Launch URL

        driver.get("https://wynk.in/music/album/online/pc_MCPL0034");
        driver.manage().window().maximize();
    }
    @Test(priority=2)
```

```

        public void screen1() throws InterruptedException, IOException
        {
            Thread.sleep(2000);
            File
src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
            File des=new File("D:\\New
folder\\Selenium\\screenshot\\Browser.png");
            FileHandler.copy(src, des);
        }

        @Test(priority=3)
        public void login() throws InterruptedException, IOException {
            //click to login

driver.findElement(By.xpath("//div[text()='Login']")).click();
            Thread.sleep(2000);
            File
src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
            File des=new File("D:\\New
folder\\Selenium\\screenshot\\login.png");
            FileHandler.copy(src, des);

            //enter phnumber
            driver.findElement(By.xpath("//input[@placeholder='Enter
Mobile Number']"))
                .sendKeys("9025728882");
            Thread.sleep(2000);

            //send otp btn clk
            driver.findElement(By.xpath("//button[text()='Send
OTP']")).click();
            Thread.sleep(15000);

        }
        @Test(priority=4)
        public void searchSong() throws InterruptedException,
IOException {
            //search click
            driver.findElement(By.xpath("//input[@placeholder='Search
Songs']")).click();
            Thread.sleep(3000);
            File
src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
            File des=new File("D:\\New
folder\\Selenium\\screenshot\\search first .png");

```

```

        FileHandler.copy(src, des);

        //search to enter the songs

driver.findElement(By.xpath("//input[@type='search'] [1]"))
    .sendKeys("Leo movie  songs",Keys.ENTER);
    Thread.sleep(20000);
    }
    @Test(priority=5)
    public void playPauseSong() throws InterruptedException,
IOException {
        //click and play the song
        driver.findElement(By.xpath("//h5[text()='Naa Ready (From
\"Leo\")']")).click();
        Thread.sleep(20000);File
src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
        File des=new File("D:\\New
folder\\Selenium\\screenshot\\search secound.png");
        FileHandler.copy(src, des);

        //pause the song

driver.findElement(By.xpath("//button[@title='Pause']")).click();
        Thread.sleep(3000);
    }
    @Test(priority=6)
    public void nextSong() throws InterruptedException, IOException
    {
        //search to next song
        driver.findElement(By.xpath("//input[@placeholder='Search
Songs']")).click();
        Thread.sleep(3000);
        File
src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
        File des=new File("D:\\New
folder\\Selenium\\screenshot\\search thrid.png");
        FileHandler.copy(src, des);

        //Enter the song name in search button
        driver.findElement(By.xpath("//input[@data-
testid='searchInputField']"))
            .sendKeys("Singappenney",Keys.ENTER);
            Thread.sleep(20000);
    }
    @Test(priority=7)

```

```

        public void secondSong() throws InterruptedException,
IOException {
            //search on click
            driver.findElement(By.xpath("//h5[text()='Singappenney
(From \"Bigil\")']")).click();
            Thread.sleep(20000);File
src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
            File des=new File("D:\\New
folder\\Selenium\\screenshot\\song select.png");
            FileHandler.copy(src, des);

            //stop the song
            driver.findElement(By.xpath("//button[@data-
testid='playerPause']")).click();

        }

        @Test(priority=8)
        public void thirdSong() throws InterruptedException,
IOException {
            //search to another song
            driver.findElement(By.xpath("//input
[@type='search']")).click();
            Thread.sleep(3000);File
src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
            File des=new File("D:\\New
folder\\Selenium\\screenshot\\selected.png");
            FileHandler.copy(src, des);

            //click on song
            driver.findElement(By.xpath("//input[@title='Search']"))
.sendKeys("Ranjithame",Keys.ENTER);
            Thread.sleep(3000);

            //Enter the song name in search button
            driver.findElement(By.xpath("//h5[@data-
testid='searchResultTitle']")[1])).click();
            Thread.sleep(20000);

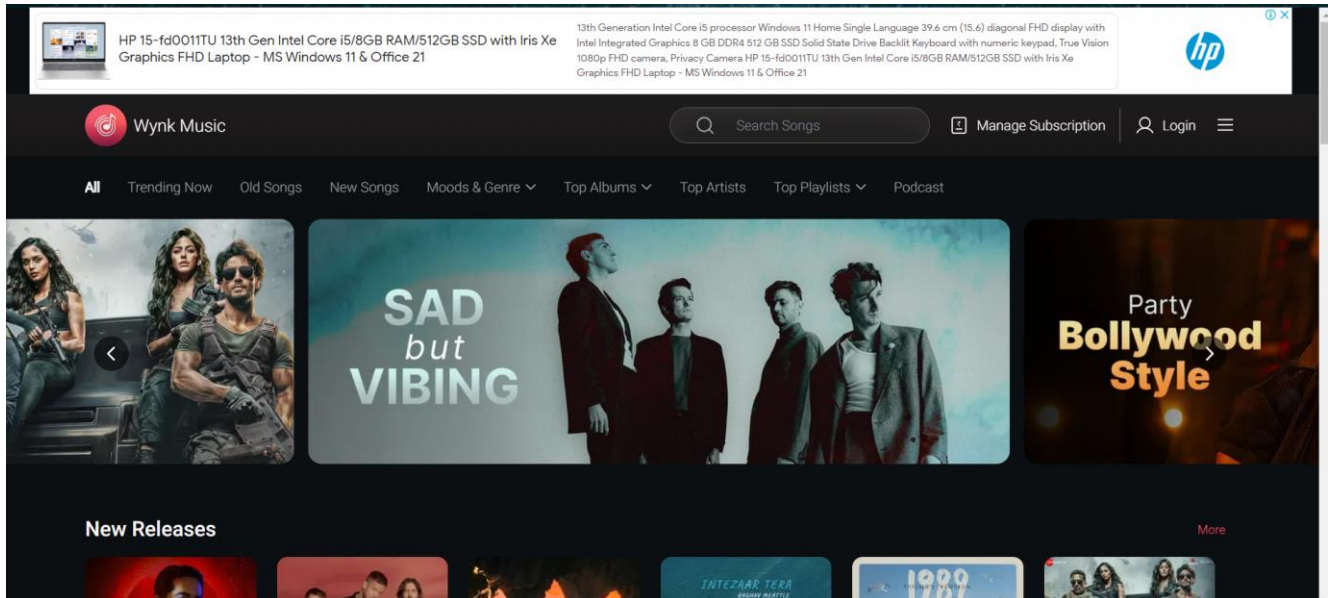
        }

    }
}

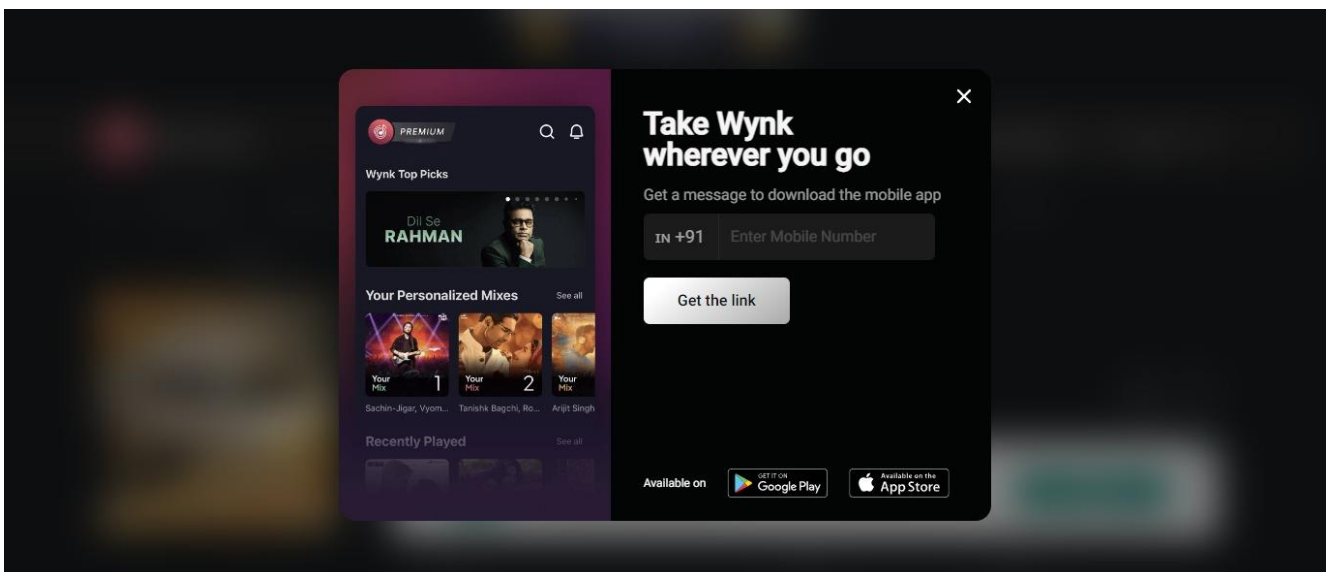
```

PLAY THE SONG USING WYNK MUSIC WEBSITE

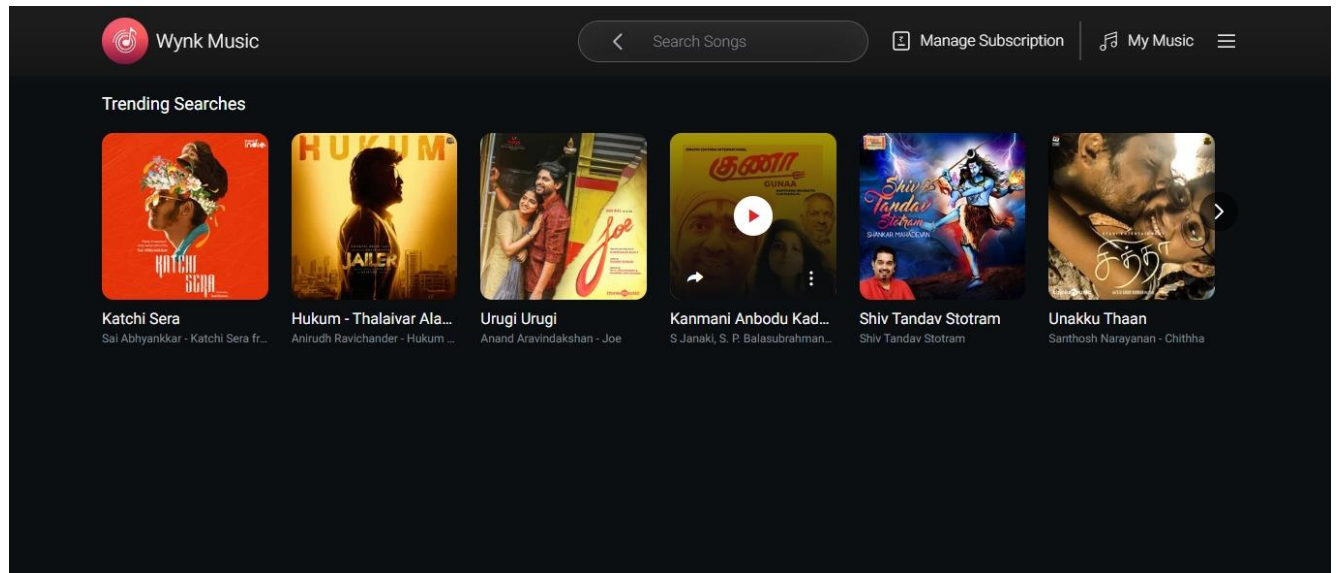
1. After the Automated code runs, the Wynk Music website opens like this



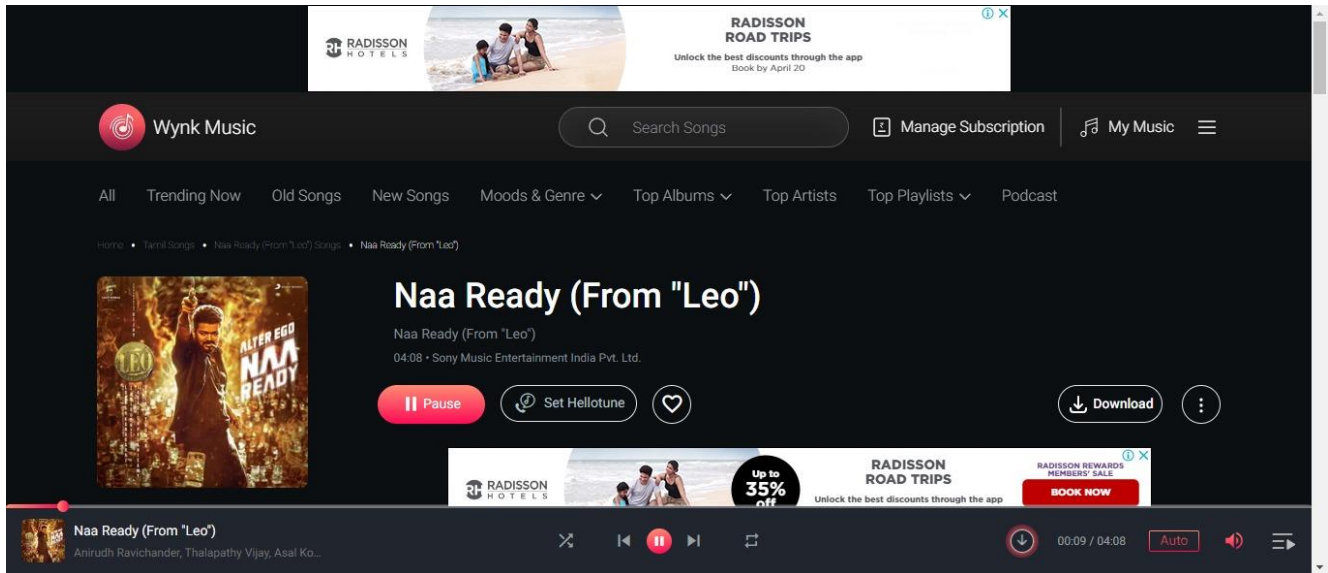
2. In Next Step, it will enter the phone number received to login to website.



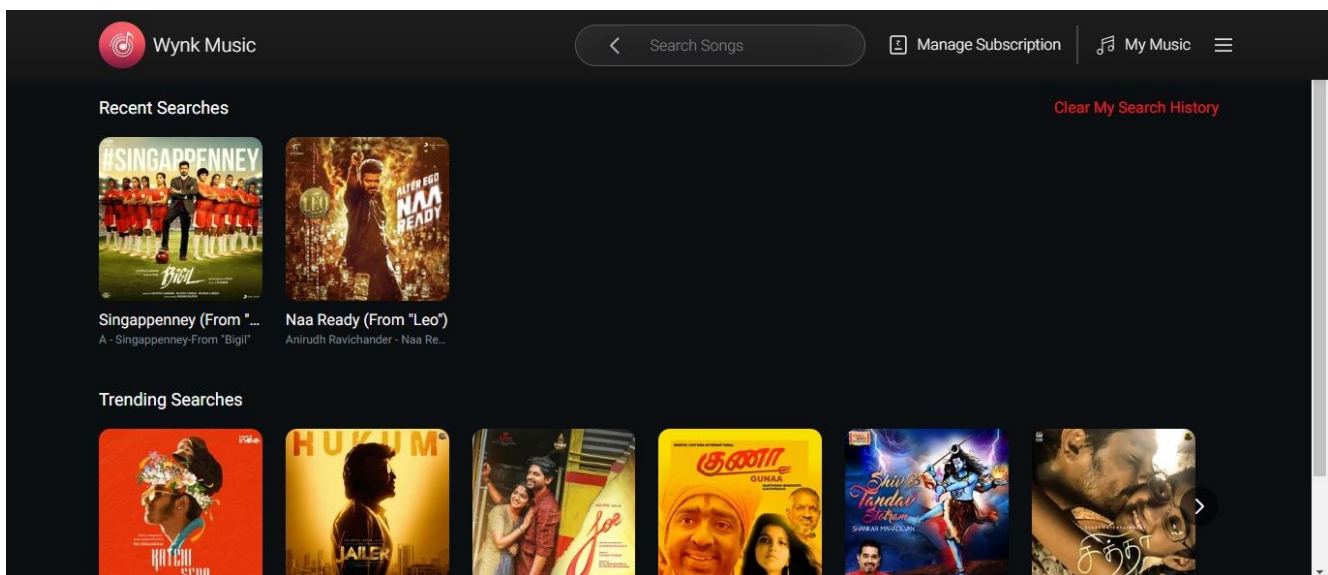
3. In Next step **search bar** is clicked, and it will search '**LEO SONGS**' through the automated code.



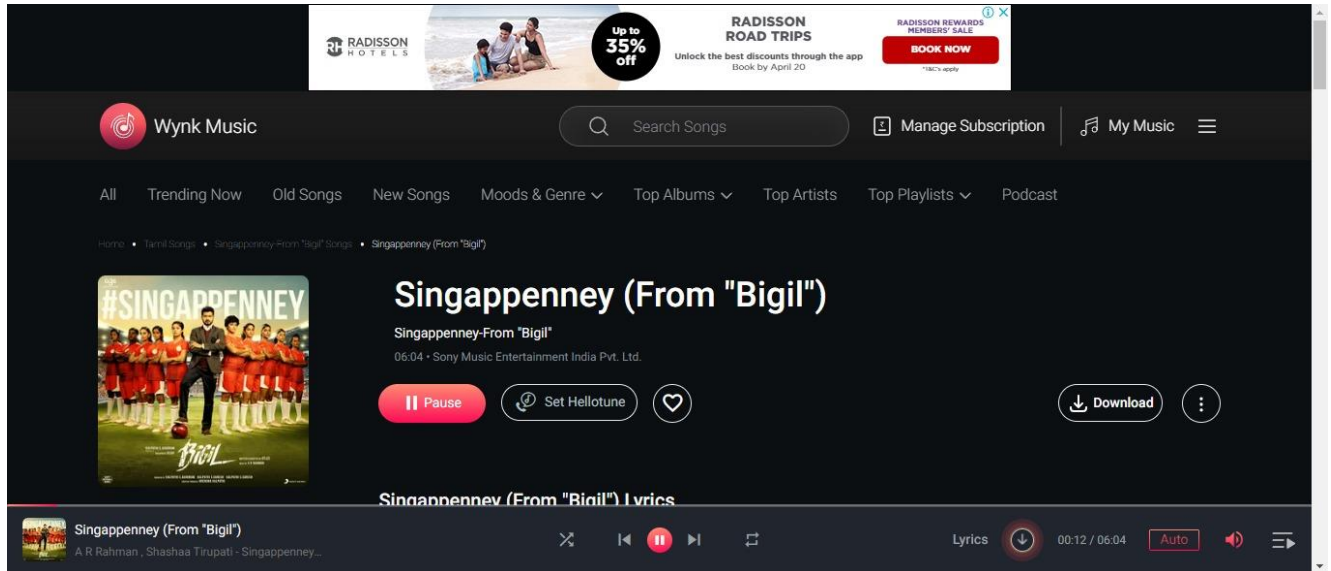
4. 'LEO SONG' its played



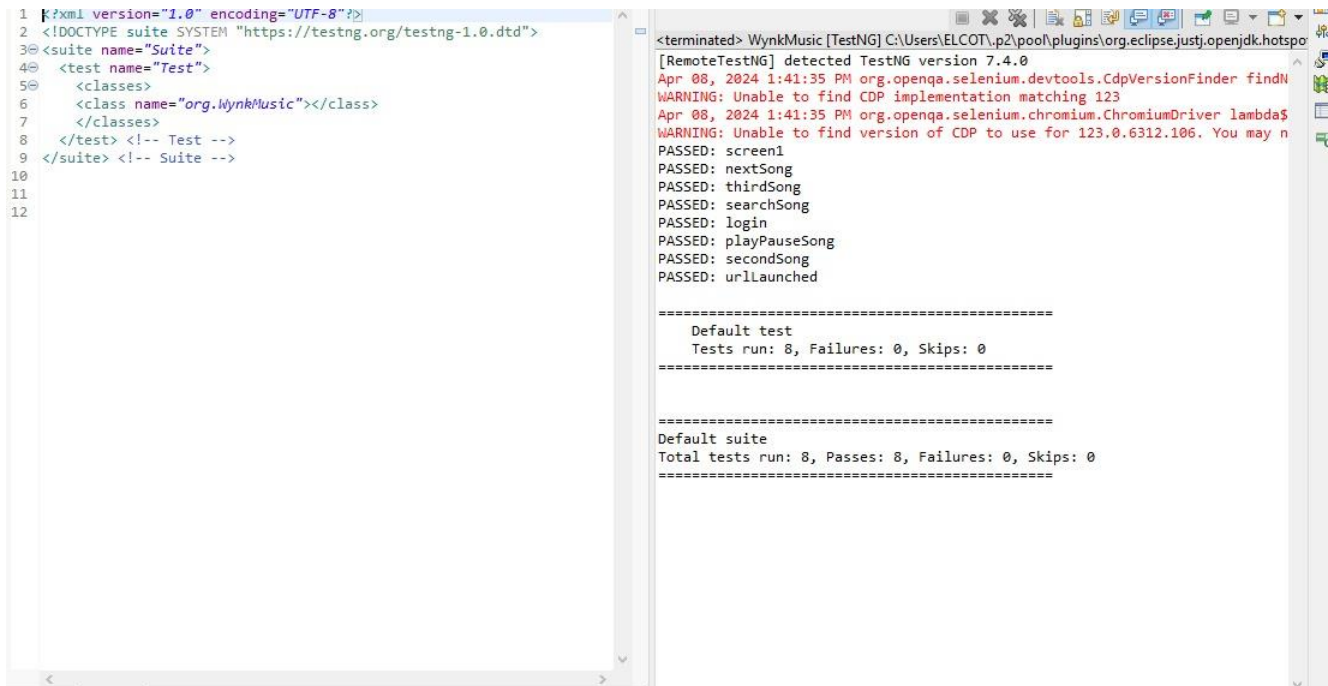
5. it will search **another song** through the automated code & this also played



6. After clicking 'SINGAPENNEY SONG' through automation code, Then it will also played



After all the process in eclipse software the console will be like this



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
3 <suite name="Suite">
4   <test name="Test">
5     <classes>
6       <class name="org.WynkMusic"></class>
7     </classes>
8   </test> <!-- Test -->
9 </suite> <!-- Suite -->
10
11
12
```

```
<terminated> WynkMusic [TestNG] C:\Users\ELCOT\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot
[RemoteTestNG] detected TestNG version 7.4.0
Apr 08, 2024 1:41:35 PM org.openqa.selenium.devtools.CdpVersionFinder findN
WARNING: Unable to find CDP implementation matching 123
Apr 08, 2024 1:41:35 PM org.openqa.selenium.chromium.ChromiumDriver lambda$
WARNING: Unable to find version of CDP to use for 123.0.6312.106. You may n
PASSED: screen1
PASSED: nextSong
PASSED: thirdSong
PASSED: searchSong
PASSED: login
PASSED: playPauseSong
PASSED: secondSong
PASSED: urlLaunched

=====
      Default test
      Tests run: 8, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 8, Passes: 8, Failures: 0, Skips: 0
=====
```

CONCLUSION

1. Outcome : Successful demonstration of streamlined automation for wynk music on website.

2. Tools Used : Selenium in Eclips.

3. Advantage : Wynk music is a music streaming platform. Improved efficiency in more songs allows users to create their own playlist and download them

THANKYOU