

```
// pages/SingleRoomPage.java
```

```
package pages;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import
```

```
org.openqa.selenium.support.ui.ExpectedCon  
ditions;
```

```
import
```

```
org.openqa.selenium.support.ui.WebDriverWa  
it;
```

```
import java.time.Duration;
```

```
import java.util.List;
```

```
public class SingleRoomPage {
```

```
    WebDriver driver;
```

```
    WebDriverWait wait;
```

```
    public SingleRoomPage(WebDriver driver) {  
        this.driver = driver;
```

```
        this.wait = new WebDriverWait(driver,
Duration.ofSeconds(10));
    }
```

// Locators

```
    private final By singleRoomBookButton =
By.xpath("(//button[normalize-space()='Book
this room'])[1]");
    private final By firstNameField =
By.cssSelector("input[placeholder='Firstname'
]");
    private final By lastNameField =
By.cssSelector("input[placeholder='Lastname'
]");
    private final By emailField =
By.cssSelector("input[placeholder='Email']");
    private final By phoneField =
By.cssSelector("input[placeholder='Phone']");
    private final By bookButton =
By.cssSelector(".btn-outline-primary");
    private final By
successfulBookingMessage = By.xpath("//
```

```
h2[normalize-space()='Booking Successful!']");  
    private final By modalTitle =  
By.cssSelector("div.modal-header h4");
```

```
// Methods
```

```
public void clickBookRoomButton() {
```

```
wait.until(ExpectedConditions.elementToBeCl  
ickable(singleRoomBookButton)).click();  
}
```

```
public void selectAvailableDates() {
```

```
    List<WebElement> availableDays =  
driver.findElements(By.cssSelector("div.rbc-  
date-cell:not(.rbc-off-range)"));  
    if (availableDays.size() >= 2) {  
        availableDays.get(availableDays.size()  
- 2).click();  
        availableDays.get(availableDays.size()  
- 1).click();  
    }
```

```
}
```

```
    public void fillBookingForm(String  
firstName, String lastName, String email,  
String phone) {
```

```
        wait.until(ExpectedConditions.visibilityOfElem  
entLocated(firstNameField)).sendKeys(firstN  
ame);
```

```
        driver.findElement(lastNameField).sendKeys(l  
astName);
```

```
        driver.findElement(emailField).sendKeys(ema  
il);
```

```
        driver.findElement(phoneField).sendKeys(ph  
one);  
    }
```

```
    public void submitBooking() {  
        driver.findElement(bookButton).click();
```

```
}
```

```
public String getBookingModalTitle() {
```

```
    try {
```

```
        return
```

```
wait.until(ExpectedConditions.visibilityOfElementLocated(modalTitle)).getText();
```

```
    } catch (Exception e) {
```

```
        return "Modal Not Found";
```

```
    }
```

```
}
```

```
public boolean
```

```
isBookingSuccessfulMessageDisplayed() {
```

```
    try {
```

```
        return
```

```
wait.until(ExpectedConditions.visibilityOfElementLocated(successfulBookingMessage)).isDisplayed();
```

```
    } catch (Exception e) {
```

```
        return false;
```

```
    }
```

}

}