

SOFTWARE VERIFICATION, VALIDATION AND TESTING

TESTING DOCUMENTATION

Korpa.ba

Prepared by:
Amila Čaušević
Lejla Breščić

Proposed to:
Samed Jukić, Assist. Prof. Dr.
Aldin Kovačević, Teaching Assistant

Date of submission

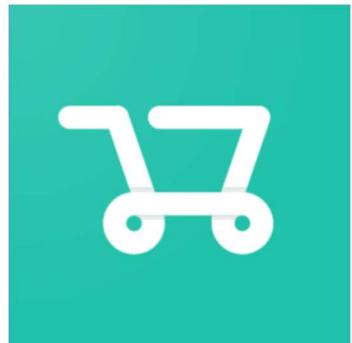
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1. Introduction

1.1. About the Project

Korpa.ba is an e-commerce platform that allows users to purchase a variety of products online. The platform offers a wide range of products, including groceries, household items, food, and more. The platform offers a user-friendly interface, making it easy for customers to search products based on different criteria, such as price, brand, and category, which helps to narrow down their search. Users can browse and purchase products through the website or mobile app, and have the option to have their orders delivered or pick them up at a nearby store. Korpa.ba also has a loyalty program, where customers can earn points with each purchase they make, which they can later redeem for discounts on future purchases. The homepage link is: www.korpa.ba.



1.2. Project Functionalities and Screenshots

The main features of our platform are:

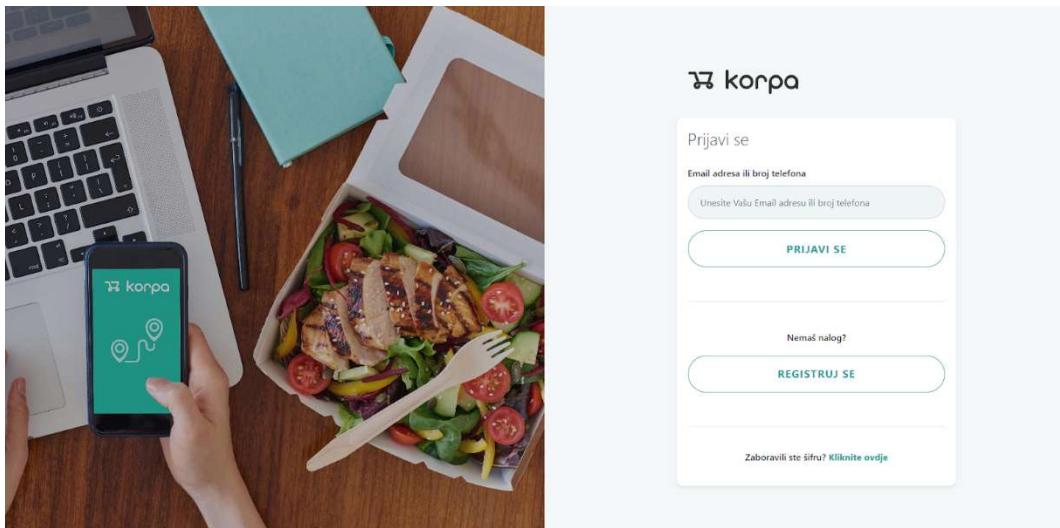
1. Registration,
2. Login/Logout,
3. Choose city and list restaurants from a particular city,
4. Add to/ remove from cart,
5. Add delivery address,
6. Make an order,
7. Online payments or payments upon delivery
8. Edit profile and user info,
9. Add favorites,
10. Enter code for discount,
11. Fill out the form for new partners/ team members/couriers,
12. Customer support.

The screenshots of main features are provided and can be seen below.

- Registration

The image is a composite of several smaller images. On the left, a person's hands are shown holding a smartphone displaying the Korpa app's logo and a map icon. To the left of the phone is a silver laptop keyboard. Next to the phone is a white takeout container filled with a salad. In the top right corner, there is a teal square containing a white shopping cart icon. The bottom right corner features a screenshot of a registration form titled "Registruj se". The form includes fields for "Ime" (Name), "Email", "Broj telefona" (Phone number), and "Šifra" (Password), each with a corresponding input field. Below these fields is a green "REGISTRUJ SE" button. At the very bottom of the form, there is a link "Imaš nalog? Prijavi se" (Have an account? Log in).

- Login



- Choose city and list restaurants from a particular city

- Add delivery address,

Naručite hrani

... na Vašim vratima u roku od 20 do 50 minuta

Unesite Vašu adresu

Lociraj me

Traži

- Add to/remove from cart

korpa

Unesite adresu za dostavu

Moj profil

Pizza dan 🍕

Predjela

Doručak

Sendvići

Salate

Pasta

Ravioli

Rizota

Lazanje

Predjela



Involtini Di Zucchini

Tirkvica, mozzarela, parmezan, bosiljak, rukola, maslinovo ulje, paradajz, bijeli lukić

+ Dodaj

11 KM



Bufala

Bufala sir, rukola, cherry paradajz, aceto balsamico, pesto bosiljak, pesto sušeni paradajz

+ Dodaj

11.5 KM



Burrata

Burrata sir, rukola, cherry paradajz, voće

+ Dodaj

12.5 KM



Carpaccio Bistecca

Biftek, maslinovo ulje, limunov sok, origano, parmezan, rukola, pecivo

+ Dodaj

18 KM

Vaša narudžba

1 artikala

Quesadilla

2.5 KM

Dodatna naknada za narudžbu ispod 12 KM



2.50 KM

U cijenu je uključen PDV

Na kasu 2.50 KM →

- Make order

Vaša narudžba

1 artikala

Twister srednji meni
Coca-Cola Original 0.4l

1 10 KM

Dodatna naknada za narudžbu ispod 15 KM

10.00 KM

U cijenu je uključen PDV

Dodata napomena za narudžbu:

Ovdje možete navesti napomene za sastojaka na koje ste alergični ili ne želite

Verifikujte broj telefona kako bi izvršili narudžbu



+38761835427

Pošalji SMS verifikaciju

Dodatajte adresu dostave da završite narudžbu

- Online payments & Payments upon delivery

Izaberite način plaćanja

  Platite prilikom dostave

Kartično plaćanje je moguće isključivo preko naših aplikacija

- Edit profile and user information

 korpa

Lejla i Amila <3
38761835427
amilicausevic@stu.ibu.edu.ba

 Uredi profil

 Trenutne Narudžbe

 Završene narudžbe

 Omiljena mjesto

 Moje adrese

 Jezik / Language

 Unesi kupon kod

 Odjavi se

Meni je trenutno na lokalnom jeziku

[Switch to English](#)

Unesite kupon kod

Unesite kupon

[Dopuni Korpa kredit](#)



Trenutno nemate aktivnih narudžbi

Izaberite lokal i napunite korpu :)



- Become Korpa.ba partner



O nama

Korpa je platforma za dostavu hrane i namirnica. Partneri brzo i efikasno dolaze do novih kupaca na interaktivan i jednostavan način.

- Customer support

Naziv firme / lokala
Email
Broj telefona
Dodatna poruka
Izaberite grad
Pošaljite zahtjev

2. Test Plan

2.1. Scope

Since the application isn't huge and complex and thus focused on ordering products-items, our tests are consequently based on testing that feature the most. Some parts of the tests, like clicking the order button, clicking the button to submit a form or application, we left as comments, because we didn't want to spam the platform with constant requests.

The following features are tested:

- Registration
- Login/Log out
- Add address
- Order product
- Enter discount code
- Add favorites
- Become Courier/Partner/Team member
- Customer support
- Social media tests
- Profile info editing
- Wrong credentials tests
- City testing
- Google Play/App Store testing

2.2. Testing Environment and Tools

We are using Selenium testing framework in Java programming language. Every test is saved as a JUnit test case.

2.2.1 A word or two about Selenium

Selenium is an open-source software testing framework for web applications. It provides a way to automate web browsers, allowing developers to test web applications and perform browser automation tasks. Selenium supports multiple programming languages, including Python, Java, and C#. It can be used in combination with other testing frameworks and tools, such as JUnit and TestNG, to create powerful and efficient test automation solutions.

3. Test Execution

In the next chapter, we will provide a brief summary of our tests, their steps, results and status we obtained after testing the features. In total, we have written around 20 tests.

3.1. Registration Test

For the purpose of making orders and keeping track of the previous ones, user wants to create a profile on our platform. This feature provides many advantages for the users as it opens doors for all additional and best Korpa.ba services.

Test Name: RegistrationTest				
Description: Create an account for the user				
Pre-condition(s): To have the mobile application already installed or to visit the page. The second one is to not already have the account.				
Test Steps: 1. Go to the landing page and click on the 'Login' button 2. Click on Register 3. Enter name, email, number, and password 4. Click on Register button	Test Data: <ul style="list-style-type: none">• User's name• Email• Password• Number	Expected Result: The user is successfully registered.	Actual Result: The user is successfully registered and added to the users' database.	Status: PASS
Notes: It is impossible to create more profiles with the same email or number.				

- Screenshot of the code

```
@Test
void testRegistration() throws InterruptedException {
    webDriver.get("https://korpa.ba/");
    webDriver.manage().window().maximize();
    webDriver.findElement(By.xpath("//html/body/nav/div/div[1]/li[2]/a")).click();
    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[2]/a")).click();

    WebElement name = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[1]/input"));
    name.sendKeys("Amila");
    Thread.sleep(1000);

    WebElement email = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[2]/input"));
    email.sendKeys("amila.causevic@stu.ibu.edu.ba");
    Thread.sleep(1000);

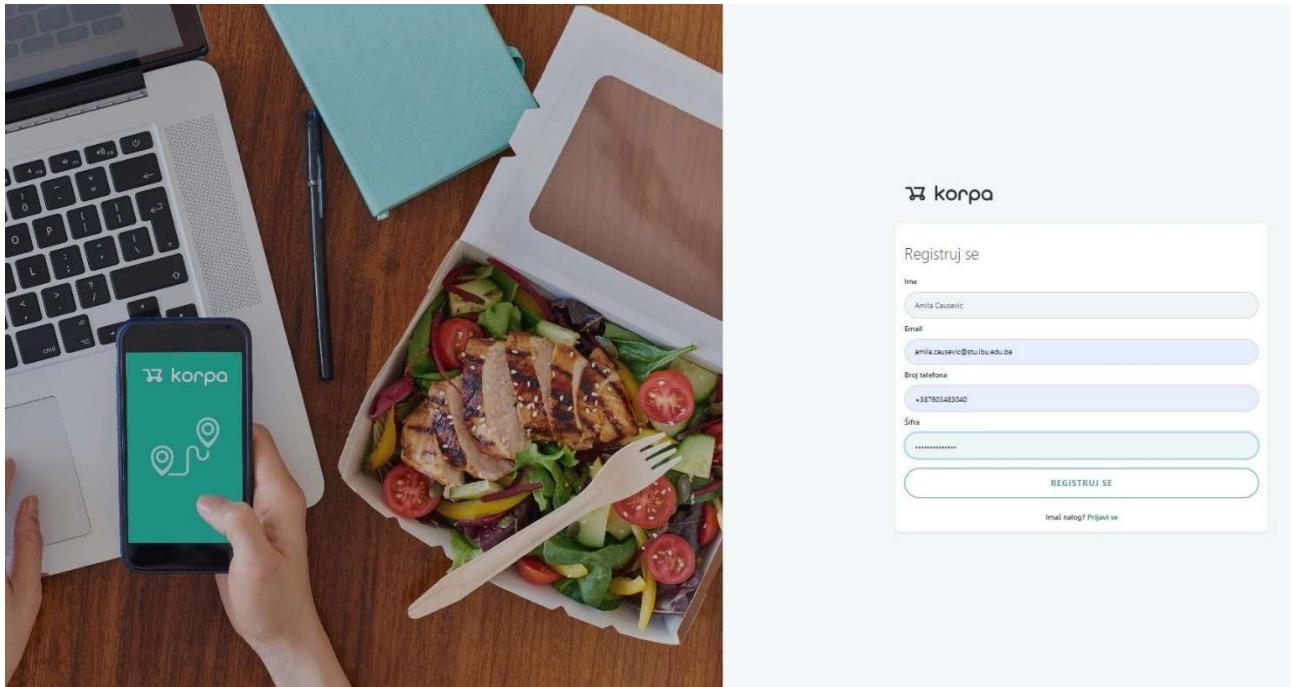
    WebElement number = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[3]/input"));
    number.sendKeys("061835427");
    Thread.sleep(1000);

    WebElement password = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[4]/input"));
    password.sendKeys("testiramoprojekatza10");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(5000);

}
```

- Screenshot of the test



3.2. LoginTest

The user that has already created the account, can login whenever needed. This feature provides the ability to see the previous searches, results, to order again and many other.

Test Name: LoginTest				
Description: Login to the account				
Pre-condition(s):				
Test Steps: 1. Go to the landing page and click on the 'Login' button 2. Enter an address or a phone number 3. Click on the Login button 4. Enter your password 5. Click again on the login button	Test Data: <ul style="list-style-type: none">• Email• Password	Expected Result: To successfully login to the account and navigate to the home page.	Actual Result: The user is successfully logged in and redirected to the home page.	Status: PASS
Notes: The user must provide correct data, otherwise the 'incorrect credentials' will be shown.				

- Screenshot of the code

```
@Test
void testLogin() throws InterruptedException {
    webDriver.get("https://korpa.ba/");
    webDriver.manage().window().maximize();
    webDriver.findElement(By.xpath("//html/body/nav/div/div/ul/li[2]/a")).click();

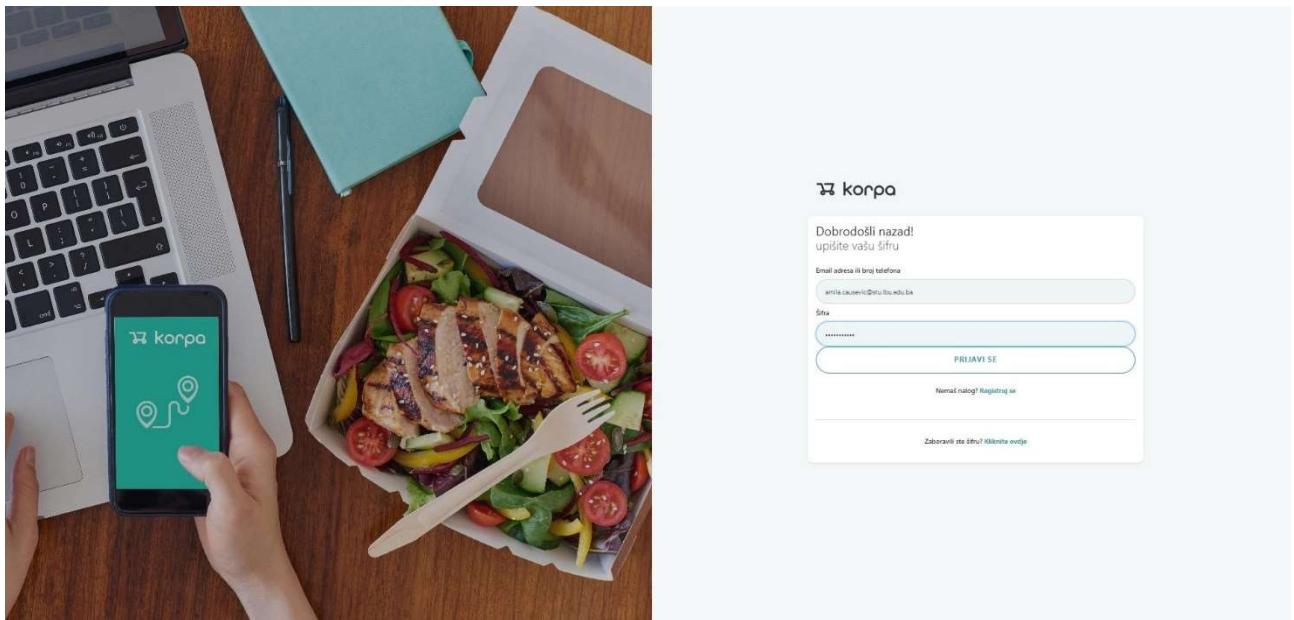
    WebElement email = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[1]/input"));
    email.sendKeys("amilicausevic@stu.ibu.edu.ba");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    WebElement password = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[2]/input"));
    password.sendKeys("testiramoprekatza10");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);
}
```

- Screenshot of the test



3.3. WrongCredentialsTest

Whenever the user enters the wrong credentials, the system shows which part is entered correctly. This test asserts that system recognizes when user didn't input the right value into the field.

Test Name: WrongCredentialsTest				
Description: Error is shown when the user enters incorrect values				
Pre-condition(s):				
Test Steps: <ol style="list-style-type: none">1. Go to the landing page and click 'Login' button.2. Enter email address and wrong password.3. Click on the 'Login' button.4. Assert that the system shows error with message 'Netačna šifra'.	Test Data: <ul style="list-style-type: none">• Email• Password	Expected Result: System will show message for wrong credentials and give user the ability to enter again.	Actual Result: The system will display a message indicating that the entered data is incorrect and provide the user with the option to enter it again.	Status: PASS

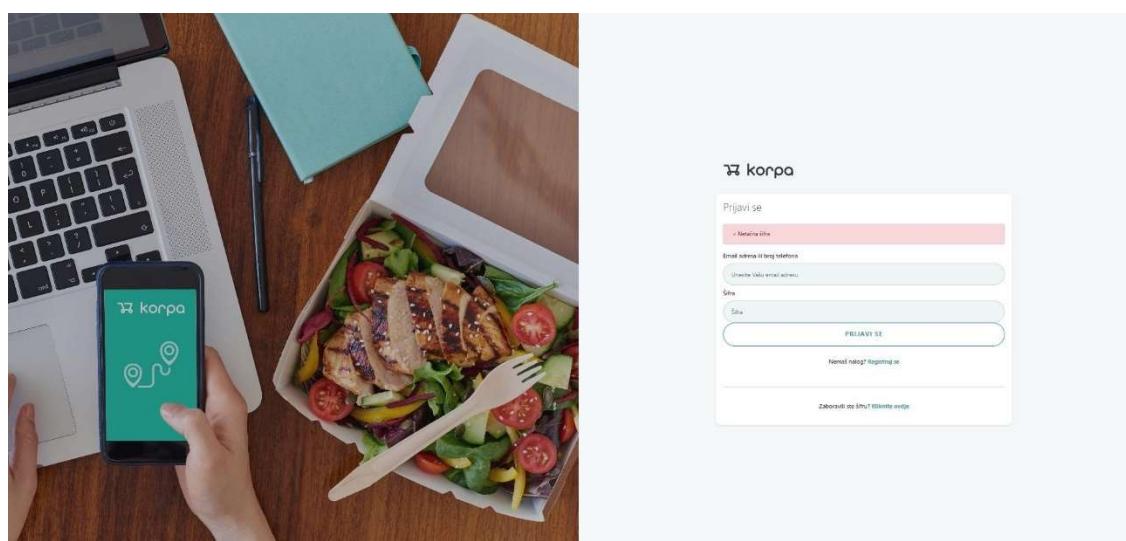
Notes: The user must provide uncorrect data, for this test to happen.

- Screenshot of the code

```
@Test
public void testLoginCredentials() throws InterruptedException {
    webDriver.get(baseUrl);

    webDriver.findElement(By.xpath("//*[@id='navbarNavDropdown']/ul/li[2]/a")).click();
    webDriver.findElement(By.xpath("//*[@id='inputEmail']")).sendKeys("amilica.causevic@stu.ibu.edu.ba");
    webDriver.findElement(By.xpath("//*[@id='target']/button")).click();
    Thread.sleep(3000);
    webDriver.findElement(By.xpath("//*[@id='inputPassword']")).sendKeys("passw");
    webDriver.findElement(By.xpath("//*[@id='target']/button")).click();
    Thread.sleep(3000);
    String wrongPassword = webDriver.findElement(By.xpath("//*[@id='target']/div[1]")).getText();
    assertTrue(wrongPassword.contains("Netačna šifra"));
    String page = webDriver.getCurrentUrl();
    assertEquals("https://www.korpa.ba/login", page);
    Thread.sleep(2000);
}
```

- Screenshot of the test



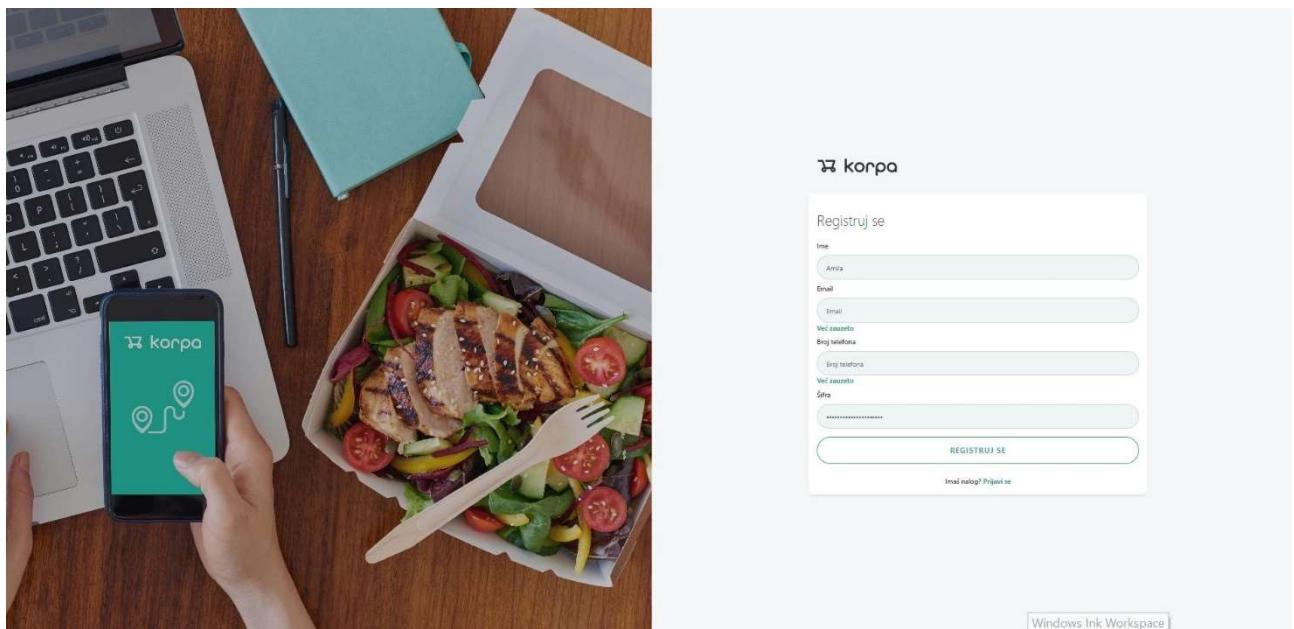
3.4. WrongCredentials2Test

Whenever the user enters data that already exists, a system should react. In this particular platform, whenever user enters data that includes email and phone number that have already been used to make an account, the system alerts user that the piece of information is occupied already.

Test Name: WrongCredentials2				
Description: Error is shown during registration when user enters values that are occupied				
Pre-condition(s):				
Test Steps: 1. Go to the landing page and click 'Register' button. 2. Enter name, email address, phone number and password 3. Click on the Register button. 4. Assert that the system shows error with message 'Već zauzeto'.	Test Data: <ul style="list-style-type: none">• Email• Password	Expected Result: System will show message for wrong credentials and give user the ability to enter again.	Actual Result: The system will display a message indicating that the entered data is incorrect and provide the user with the option to enter it again.	Status: PASS

Notes: The user must provide email and phone number that are occupied, for this test to happen.

- Screenshot of the test



- Screenshot of the code

```
@Test
public void testWrongInput() throws InterruptedException {
    webDriver.get(baseUrl);
    JavascriptExecutor js = (JavascriptExecutor) webDriver;
    webDriver.manage().window().maximize();
    WebElement register = webDriver.findElement(By.xpath("//*[@id='navbarNavDropdown']/ul/li[2]/a"));
    js.executeScript("arguments[0].click()", register);
    webDriver.findElement(By.xpath("//*[@id='target']/div[2]/a")).click();
    webDriver.findElement(By.xpath("//*[@id='inputFullName']")).sendKeys("Jane Doe");
    webDriver.findElement(By.xpath("//*[@id='inputEmail']")).sendKeys("amilicausevic@stu.ibu.edu.ba");
    webDriver.findElement(By.xpath("//*[@id='inputPhone']")).sendKeys("0603483040");
    webDriver.findElement(By.xpath("//*[@id='inputPassword']")).sendKeys("testiramoprojekatza10");
    webDriver.findElement(By.xpath("//*[@id='target']/button")).click();
    String taken_email = webDriver.findElement(By.xpath("//*[@id='target']/div[2]/span")).getText();
    assertTrue(taken_email.contains("Već zauzeto"));
    String taken_phone_number = webDriver.findElement(By.xpath("//*[@id='target']/div[3]/span")).getText();
    assertTrue(taken_phone_number.contains("Već zauzeto"));
    Thread.sleep(3000);
```

3.5. LogOutTest

Users can log out whenever they want and after they have finished using Korpa.ba's services.

Test Name: LogOutTest				
Description: Log out from the profile through My Profile.				
Pre-condition(s):				
Test Steps: 1. Click on the 'Login' button 2. Enter an address or a phone number 3. Click on the Login button 4. Enter your password 5. Click again on the login button 6. Click on the 'My profile' button 7. Click on the 'Odjavi se' button	Test Data: <ul style="list-style-type: none">• Email or• phone number,• password	Expected Result: The user is successfully logged in and then successfully logged out.	Actual Result: The user is successfully logged in and then successfully logged out.	Status: PASS
Notes: User must be logged in, in order to be logged out from the profile.				

- Screenshot of the code

```
@Test
void testOdjavise() throws InterruptedException {
    webDriver.get("https://korpa.ba/");
    webDriver.manage().window().maximize();
    webDriver.findElement(By.xpath("//html/body/nav/div/ul/li[2]/a")).click();

    WebElement email = webDriver.findElement(By.xpath("//html/body/div/div[2]/div/div/div/div[2]/form/div[1]/input"));
    email.sendKeys("amila.cauevic@stu.ibu.edu.ba");
    Thread.sleep(1000);

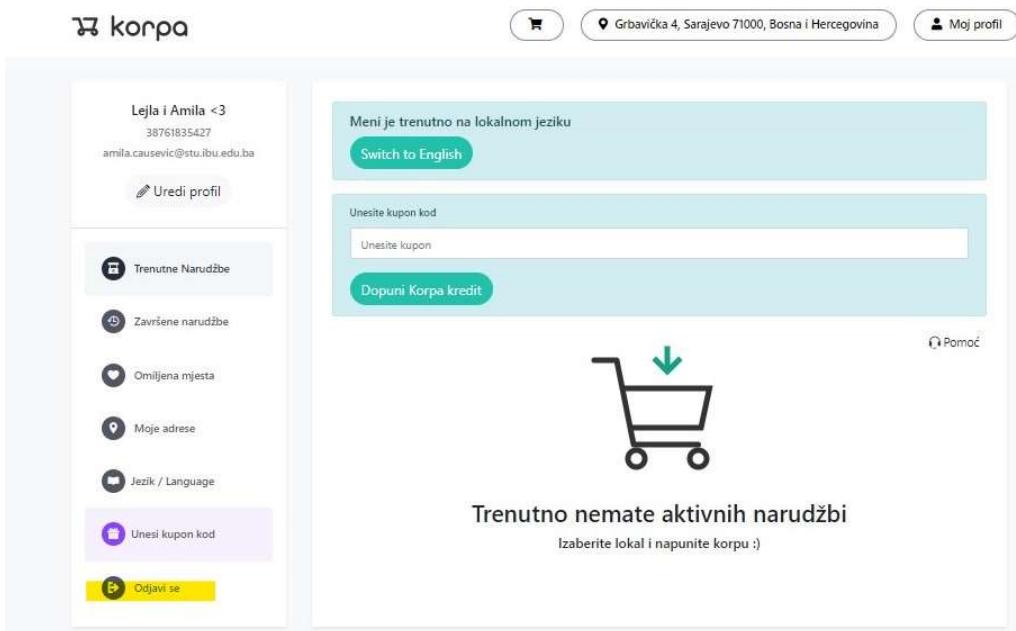
    webDriver.findElement(By.xpath("//html/body/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    WebElement password = webDriver.findElement(By.xpath("//html/body/div/div[2]/div/div/div/div[2]/form/div[2]/input"));
    password.sendKeys("testiramoprojekatza10");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    webDriver.findElement(By.xpath("//html/body/nav/div/ul/li[3]/a/span")).click();
    Thread.sleep(2000);
    webDriver.findElement(By.xpath("//html/body/section/div/div/ul/li[7]/a/i")).click();
    Thread.sleep(2000);
    webDriver.close();
}
```

- Screenshot of the test



3.6. Test MyProfile

Users that are logged in to their profile have a section called “My profile” and there all user’s information is stored. Users also can edit the information in that section.

Test Name: LogOutTest				
Description: Log out from the profile through My Profile.				
Pre-condition(s):				
Test Steps: 1. Click on the ‘Login’ button 2. Enter an address or a phone number 3. Click on the Login button 4. Enter your password 5. Click again on the login button 6. Click on the ‘My profile’ button 7. Click on ‘Edit profile’ 8. Change the name to ‘Lejla and Amila’ 9. Click on the ‘Save’ button	Test Data: <ul style="list-style-type: none">• Email or number,• password,• Lejla, and Amila	Expected Result: The user is successfully logged in and redirected to the home page and then to ‘My profile’ after the button is clicked and the name is changed to Lejla and Amila. logged out.	Actual Result: Upon successfully logging in, the user is directed to the home page and then to their personal profile page. Once on the profile page, the user can click a button to change their name to either "Lejla and Amila."	Status: PASS
Notes: User must be logged in, in order to edit the profile information.				

- Screenshot of the code

```
@Test
void testMojProfil() throws InterruptedException {
    webDriver.get("https://korpa.ba/");
    webDriver.manage().window().maximize();
    webDriver.findElement(By.xpath("//html/body/nav/div/div[1]/ul/li[2]/a")).click();

    WebElement email = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[1]/input"));
    email.sendKeys("amilicausevic@stu.ibu.edu.ba");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    WebElement password = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[2]/input"));
    password.sendKeys("testiramoprojekatzala10");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

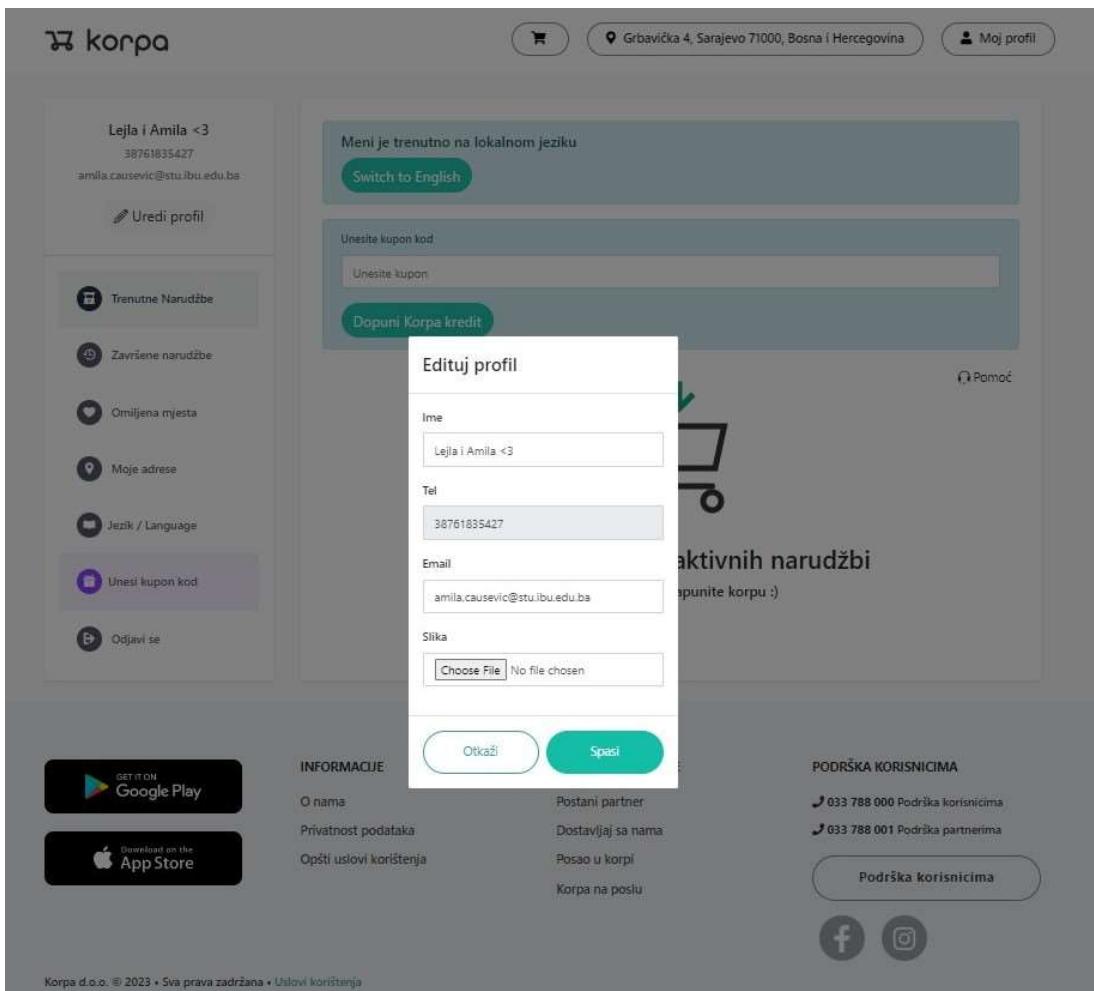
    webDriver.findElement(By.xpath("//html/body/nav/div/div[1]/ul/li[3]/a")).click();

    webDriver.findElement(By.xpath("//html/body/section/div/div/div[1]/div/div/p[3]/a")).click();
    Thread.sleep(2000);

    WebElement name = webDriver.findElement(By.xpath("//html/body/div[1]/div/div/div[2]/form/div/div[1]/input"));
    name.clear();
    name.sendKeys("Lejla i Amila <3");
    Thread.sleep(2000);

    webDriver.findElement(By.xpath("//html/body/div[1]/div/div/div[3]/button[2]")).click();
    Thread.sleep(2000);
}
```

- Screenshot of the test



3.7. Test Enter a code for discount

Users that are logged in to their profile can enter a code for a discount. Discounts are provided by entering a loyalty program that Korpa.ba provides. In achieving more and more levels, like silver, bronze and gold, you automatically receive a bigger discount.

Test Name: AddCodeTest				
Description: Adding a code to use the discount on the order				
Pre-condition(s): User must be logged in and to receive the code, in order to redeem it.				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Click on the ‘Login’ button 2. Enter an address or a phone number 3. Click on the Login button 4. Enter your password 5. Click again on the login button 6. Click on the ‘My profile’ button 7. Click on enter a discount code 8. Type code	<ul style="list-style-type: none"> • Email or • phone number, • password 	The user is successfully logged in and redirected to the home page and then to ‘My profile’ after the button is clicked. Then there is a box where a code for a discount can be entered. In the test text “Discount code” is typed.	The user is successfully logged in and redirected to the home page and then to ‘My profile’ after the button is clicked. Then there is a box where a code for a discount can be entered. In the test text “Discount code” is typed. In the end, the save button is clicked and all information is saved.	PASS

Notes:

- Screenshot of the code

```

@Test
void testUnesikod() throws InterruptedException {
  webDriver.get("https://korpa.ba/");
  webDriver.manage().window().maximize();

  webDriver.get("https://korpa.ba/");
  webDriver.manage().window().maximize();
  webDriver.findElement(By.xpath("//html/body/nav/div/div[1]/ul/li[2]/a")).click();
  Thread.sleep(2000);

  WebElement email = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[1]/input"));
  email.sendKeys("amilicausevic@stu.ibu.edu.ba");
  Thread.sleep(1000);

  webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
  Thread.sleep(2000);

  WebElement password = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[2]/input"));
  password.sendKeys("testiramoprojekatzalo");
  Thread.sleep(1000);

  webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
  Thread.sleep(2000);

  webDriver.findElement(By.xpath("//html/body/nav/div/div[1]/ul/li[3]/a/span")).click();
  webDriver.findElement(By.xpath("//html/body/section/div/div[1]/div/ul/li[6]/a")).click();

  WebElement kod = webDriver.findElement(By.xpath("//html/body/section/div/div[2]/div/div/form/div/input"));
  kod.sendKeys("moze popust za trud? ");

  webDriver.findElement(By.xpath("//html/body/section/div/div[2]/div/div/form/button"));

  Thread.sleep(2000);
  webDriver.close();
}

```

- Screenshot of the test



3.8. Test Add Address

Users that are logged in to their account, have the ability to add address on which the delivery is going to be made. Every user that wants to order some item, has to add the address.

Test Name: AddAddressTest				
Description: Add or change an address through MyProfile section.				
Pre-condition(s): To be logged in				
	Test Data:	Expected Result:	Actual Result:	Status:
1. Click on the 'Login' button 2. Enter an address or a phone number 3. Click on the Login button 4. Enter your password 5. Click again on the login button 6. Click on the 'My profile' button 7. Click on 'My addresses' 8. Click on the 'Add address' button 9. Provide the address, number, and floor 10. Click on 'no elevator' 11. For additional information type 'Hello :)' 12. Save address as 'Work' 13. Click on the 'Save' button				
	<ul style="list-style-type: none"> • Email or • phone number, • password, • address, • number, • floor, • "Hello" 	The user is successfully logged in and redirected to the home page and then to 'My profile' after the button is clicked. Then the 'My addresses' button is clicked and after that 'Add address' is clicked as well. Information about the address, number, floor, etc. is provided. In the end, the save button is clicked and all information is saved.	The user is successfully logged in and redirected to the home page and then to 'My profile' after the button is clicked. Then the 'My addresses' button is clicked and after that 'Add address' is clicked as well. Information about the address, number, floor, etc. is provided. In the end, the save button is clicked and all information is saved.	PASS
Notes: The edit of the address can be made only if the first address has been put.				

- Screenshot of the code

```

gist
void testDodataAdresu() throws InterruptedException {
    webDriver.get("https://korpa.ba/");
    webDriver.manage().window().maximize();

    webDriver.get("https://korpa.ba/");
    webDriver.manage().window().maximize();
    webDriver.findElement(By.xpath("//html/body/nav/div/div/ul/li[2]/a")).click();

    WebElement email = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div/div[2]/form/div[1]/input"));
    email.sendKeys("amilia.causevic@stu.ibu.edu.ba");

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();

    WebElement password = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[2]/input"));
    password.sendKeys("testiramprojekatzalo10");

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();

    webDriver.findElement(By.xpath("//html/body/nav/div/div/ul/li[3]/a")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//html/body/section/div/div[1]/div/ul/li[4]/a")).click();
    Thread.sleep(2000);

    webDriver.findElement(By.xpath("//html/body/section/div/div[2]/div/div/div/div[2]/button")).click();
    Thread.sleep(2000);

    WebElement adresa = webDriver.findElement(By.xpath("//html/body/section/div/div/div[2]/div/div/div/div[3]/div/form/div[1]/div[2]/div/div/input[1]"));

    adresa.sendKeys("Branislava Nušića, Novi Grad Sarajevo");
    Thread.sleep(1000);

    WebElement broj = webDriver.findElement(By.xpath("//html/body/section/div/div/div/div[3]/div/form/div[1]/div[2]/div/div/input[2]"));

    broj.sendKeys("46");
    Thread.sleep(1000);

    WebElement sprat = webDriver.findElement(By.xpath("//html/body/section/div/div/div[3]/div/form/div[1]/div[2]/div/div/input[3]"));
    sprat.sendKeys("4");
    Thread.sleep(1000);

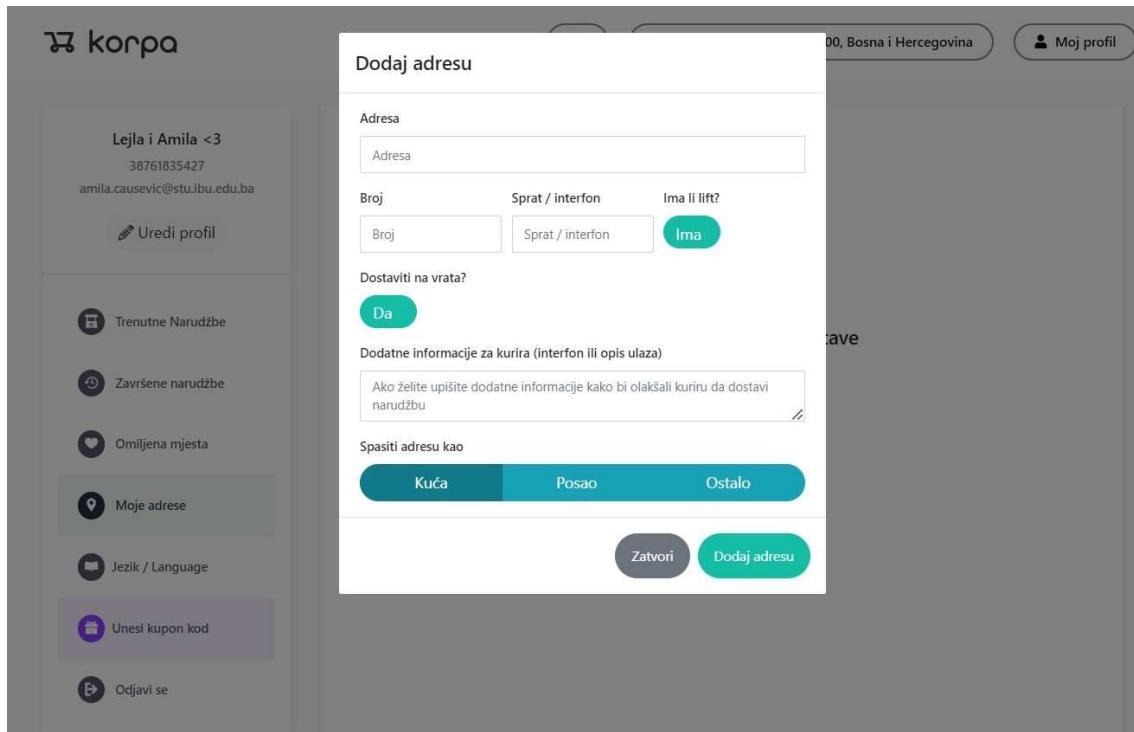
    webDriver.findElement(By.xpath("//html/body/section/div/div/div/div[3]/div/form/div[1]/div[2]/div/div/div[4]/div/div/div/label[1]")).click();

    WebElement info = webDriver.findElement(By.xpath("//html/body/section/div/div/div/div[3]/div/form/div[1]/div[2]/div/div/div[7]/div/label[2]"));
    info.sendKeys("Hello :)");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/section/div/div/div/div[3]/div/form/div[1]/div[2]/div/div/div[7]/div/label[2]")).click();
    webDriver.findElement(By.xpath("//html/body/section/div/div/div/div[3]/div/form/div[1]/div[3]/button[2]")).click();
    Thread.sleep(2000);
}
}

```

- Screenshot of the test



3.9. Test City

People who want to see in which cities Korpa.ba is available and which restaurants are available in the city they have chosen. In this case we test Mostar city.

Test Name: TestCity				
Description: User who is from Mostar can see the restaurants from that city.				
Pre-condition(s): To be logged in				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
<ol style="list-style-type: none"> 1. Visit the home-page 2. Wait to load all cities where Korpa is available 3. Choose Mostar 4. Go on Pizza day and click on the button to show next few Pizza restaurants 5. Click on ‘Niđe veze’ and add something to the cart. 	<ul style="list-style-type: none"> • Email or • phone number, • password, • address, • number, • floor, • “Hello” 	<p>The visitors can click on the city Mostar and all partners from Mostar are listed. Than go to the Pizza day section and the button for showing next few Pizza restaurants works properly.</p> <p>Visitor of the page decides to click on the ‘Niđe veze’ and add to cart one item from that restaurant.</p>	<p>The visitors click on the city Mostar and all partners from Mostar are listed. Than go to the Pizza day section and the button for showing next few Pizza restaurants works properly.</p> <p>Visitor of the page decides to click on the ‘Niđe veze’ after clicking a button, and add to cart one item from that restaurant.</p>	PASS
Notes: User doesn't have to be registered nor logged in, to use this feature.				

- Screenshot of the code

```

• @Test
void TestCityMostar() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();
    WebDriverWait wait = new WebDriverWait(webDriver, Duration.ofSeconds(10));
    wait.until(
        ExpectedConditions.visibilityOfElementLocated(
            By.xpath("//html/body/section[3]/div[1]/ul/li[3]")
        )
    ).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//html/body/section[3]/div[2]/div[3]/section[3]/div/div[1]/a[2]")).click();
    Thread.sleep(2000);
    webDriver.findElement(By.xpath("//html/body/section[3]/div[2]/div[3]/section[3]/div/div/div[1]/div/div/div[9]/div/div/div[1]/a/div")).click();
    webDriver.findElement(By.xpath("//html/body/section[3]/div/div/div[1]/div/div/div[2]/div/div/div[1]/a")).click();
    Thread.sleep(2000);
    webDriver.close();
}

```

- Screenshot of the test

Sarajevo Banja Luka Mostar Tuzla Zenica Doboj Prijedor Bijeljina Brčko

Novo u Mostaru NEW

Taze d.o.o. Vrata orijenta Slasticarna Palma Zrinjski Pizza

Ideja za doručak NEW

Pizza&Snack bar Publika Restoran Carpe Diem Restoran MM Restoran Labirint

3.10. Test Add Favorites

People who are logged in can add their favorite restaurant to the favorites. This allows them to search for and through their favorite restaurants easier and faster.

Test Name: AddFavoriteTest				
Description: User adds their favorite restaurant to the favorites				
Pre-condition(s): To be logged in				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
<ol style="list-style-type: none"> 1. Log in 2. Click on restaurant 3. Click on heart button to add restaurants to the favorites 4. Click on My profile on top of the screen 5. Click on favorites button to see if restaurant is added properly. 	<ul style="list-style-type: none"> • Email or phone, • password 	The user is successfully logged in, and the restaurant that is clicked is added to the favorites	The user is successfully logged in, and the restaurant that is clicked is added to the favorites.	PASS
Notes: User doesn't have to be registered nor logged in, to use this feature.				

- Screenshot of the code

```

@test
void TestAddFav() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();

    webDriver.findElement(By.xpath("//html/body/nav/div/div[1]/li[2]/a")).click();
    Thread.sleep(2000);

    WebElement email = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[1]/input"));
    email.sendKeys("amila.causevic@stu.ibu.edu.ba");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    WebElement password = webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/div[2]/input"));
    password.sendKeys("testiramprojekatzala0");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    webDriver.findElement(By.xpath("//html/body/section[3]/div[2]/div[1]/section[2]/div/div[3]/div/div[1]/div/div[15]/div/div[1]/a")).click();
    webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div[2]/div/a")).click();
    Thread.sleep(2000);
    webDriver.findElement(By.xpath("//html/body/nav/div/div/ul/li[2]/a/span")).click();
    webDriver.findElement(By.xpath("//html/body/section/div/div/ul/li[3]/a")).click();

    Thread.sleep(5000);
    webDriver.close();
}

```

- Screenshot of the test

The screenshot shows the korpa app interface. At the top, there is a navigation bar with a logo, a shopping cart icon, the address 'Grbavička 4, Sarajevo 71000, Bosna i Hercegovina', and a 'Moj profil' (My Profile) button.

User Profile:

- Name: Lejla i Amila <3
- Phone number: 38761835427
- Email: amila.causevic@stu.ibu.edu.ba
- Action: [Uredi profil](#) (Edit profile)

Omiljena mjesta (Favorite places):

Place	Rating	Action
ANATOLIA LOUNGE RESTOURANT	★ 4.5	Restoran Anatolia
ikram	★ 4.7	Restoran ikram
TAZE GURMANSKI SENDVICI	★ 4.9	Taze d.o.o
WINE TIME - In Vino	★ 5	Wine Time - In Vino

Left sidebar (Available actions):

- Omiljena mjesta** (Selected)
- Trenutne Narudžbe
- Završene narudžbe
- Moje adrese
- Jezik / Language
- Unesi kupon kod
- Odjavi se

3.11. Test See Information

Users go to the specific restaurant and can click on button to see more information about that restaurant. It provides them bigger input in what the restaurant offers, in order to choose their products wisely and to have more information in mind.

Test Name: SeeInformationTest				
Description: User click on button to see more information about the restaurant				
Pre-condition(s): /				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
<ol style="list-style-type: none">1. Go on the home-page2. Click on Tuzla city3. Click on some restaurant4. Click on 'i' button to see more information about that restaurant		The user clicks on Tuzla city button, then on specific restaurant and in the end on 'i' button. All additional information about the restaurant should be shown	The user successfully clicked on Tuzla city button, then on specific restaurant and in the end on 'i' button. All additional information about the restaurant are shown.	PASS
Notes: User doesn't have to be registered nor logged in, to use this feature.				

- Screenshot of the code

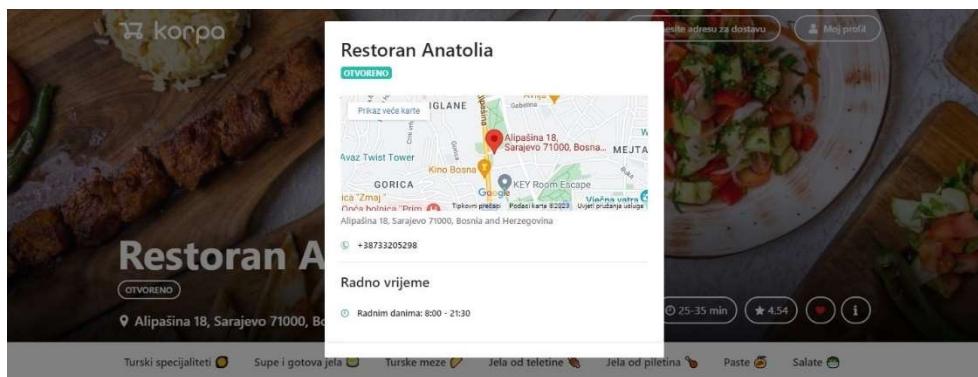
```
@Test
void TestSeeInfo() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();

    WebDriverWait wait = new WebDriverWait(webDriver, Duration.ofSeconds(10));
    wait.until(ExpectedConditions.visibilityOfElementLocated(
        By.xpath("//html/body/section[3]/div[1]/ul/li[4]"))

    .click();
    webDriver.findElement(By.xpath("//html/body/section[3]/div[2]/div[4]/section[1]/div/div/div[1]/div/div/div[9]/div/div/div[2]/div/h6/a")).click();
    webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div/div[2]/div/button[3]")).click();
    Thread.sleep(5000);

    webDriver.close();
}
```

- Screenshot of the test



3.12. TestHelp

Users that are logged in can report problem if they have one. This gives the platform user-friendly notice and reliability for usage.

Test Name: TestHelp				
Description: User click on button to see more information about the restaurant				
Pre-condition(s): To be logged in				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
<ol style="list-style-type: none">1. Login2. Click on my profile button3. Click on Help button4. Type first and last name5. Enter an email address6. Enter a phone number7. Enter a message which explains the problem.	<ul style="list-style-type: none">• email,• phone number,• first name,• last name	<p>The user should be successfully logged in. Then the button 'My Profile' is clicked.</p> <p>There should be the text 'help?' After clicking on that there should be a form which needs to be filled.</p> <p>All fields are filled with data successfully.</p>	<p>The user is successfully logged in. Then the button 'My Profile' is clicked.</p> <p>There is the text 'help?' below textbox.</p> <p>After clicking on that there is a form which needs to be filled. All fields are filled with data successfully.</p>	PASS
Notes:				

- Screenshot of the code

```
@Test
void testHelp() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();

    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();

    webDriver.findElement(By.xpath("//html/body/nav/div/div/ul/li[2]/a")).click();
    Thread.sleep(2000);

    WebElement email = webDriver.findElement(By.xpath("//html/body/div/div/div/div[2]/div/div/div/div[2]/form/div[1]/input"));
    email.sendKeys("amila.causevic@stu.ibu.edu.ba");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    WebElement password = webDriver.findElement(By.xpath("//html/body/div/div/div/div[2]/div/div/div/div/div[2]/form/div[2]/input"));
    password.sendKeys("testiramoprojekatzalo");
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("//html/body/div/div/div[2]/div/div/div/div/div[2]/form/button")).click();
    Thread.sleep(2000);

    webDriver.findElement(By.xpath("//html/body/nav/div/ul/li[3]/a")).click();
    webDriver.findElement(By.xpath("//html/body/section/div/div/div[2]/div/div/div[3]/div[1]/a")).click();

    WebElement imprezime = webDriver.findElement(By.xpath("//html/body/section[2]/div/div/div/div/section/form/div[1]/div/input"));
    imprezime.sendKeys("Amila Causevic");

    WebElement email1 = webDriver.findElement(By.xpath("//html/body/section[2]/div/div/div/div/section/form/div[2]/div/input"));
    email1.sendKeys("amila.causevic@stu.ibu.edu.ba");

    WebElement broj = webDriver.findElement(By.xpath("//html/body/section[2]/div/div/div/div/section/form/div[3]/div/input"));
    broj.sendKeys("062665469");

    WebElement text = webDriver.findElement(By.xpath("//html/body/section[2]/div/div/div/div/section/form/div[4]/div/textarea"));
    text.sendKeys("Test testic necemo slati<3");

    webDriver.findElement(By.xpath("//html/body/section[2]/div/div/div/div/section/form/div[5]/button"));
    Thread.sleep(3000);
}
```

- Screenshot of the test



3.12. Test Become Courier

People and registered users as well can become couriers for Korpa.ba platform if they want. Being a courier implies that the person is going to carry and deliver orders from restaurants/shops to the users' addresses.

Test Name: BecomeCourier				
Description: People that are interested in delivering fill in the form to				
Pre-condition(s): /				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the landing page and click on 'Postani kurir' button. 2.Assert that the page heading says 'Dostavljam za korpu'. 3.Enter name and surname, age, email, number, about yourself, town, delivery type. 4.Click on enter to submit the form.	<ul style="list-style-type: none"> • Name and surname, • Age, • Email, • Number, • About yourself, • Town, • Delivery type 	A person has successfully filled in and sent the form to become the Korpa.ba's courier.	A person has successfully filled in and sent the form to become the Korpa.ba's courier.	PASS
Notes: User doesn't have to be registered or logged in to use this feature.				

- Screenshot of the code

```

@Test
void testBecomeCourier() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//html/body/section[5]/div/div/div[2]/div/div[2]/div/a")).click();
    String title = webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div/div/h1")).getText();
    assertEquals("Dostavljaj za korpu", title);
    webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div/div/a")).click();
    WebElement nameSurname = webDriver
        .findElement(By.xpath("//html/body/section[2]/div/div[9]/div/div/section/form/div[1]/div/input"));
    nameSurname.sendKeys("Meho Mehic");
    WebElement age = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[2]/div/input"));
    age.sendKeys("21");
    WebElement email = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[3]/div/input"));
    email.sendKeys("mehomehic@gmail.com");
    WebElement number = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[4]/div/input"));
    number.sendKeys("+4676254884");
    WebElement aboutYourself = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[5]/div/textarea"));
    aboutYourself.sendKeys(
        "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. "
        + "Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. "
        + "Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. "
        + "Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum");
    webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[6]/div/span/span[1]/span/span[2]")).click();
    WebElement town = webDriver.findElement(By.xpath("//html/body/span/span/span[1]/input"));
    town.sendKeys("Sarajevo");
    Thread.sleep(1000);
    town.sendKeys(Keys.ARROW_DOWN);
    town.sendKeys(Keys.ENTER);
    webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[7]/div/span/span[1]/span/span[2]")).click();
    WebElement delivery = webDriver.findElement(By.xpath("//html/body/span/span/span[1]/input"));
    Thread.sleep(1000);
    delivery.sendKeys("Biciklo");
    delivery.sendKeys(Keys.ARROW_DOWN);
    delivery.sendKeys(Keys.ENTER);
    webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[8]/button")).click();
}

```

- Screenshot of the test

Popunite potrebne podatke

Ime i Prezime

Godište

Email

Broj telefona

Reci nam nešto o sebi

Izaberite grad

Način dostave

Pošalji zahtjev

3.13. Test Become Partner

People and registered users as well can become partners for Korpa.ba platform if they want. Being a partner implies that the person is going to support the platform financially and the Korpa.ba is going to support their business by posting their items on its platform.

Test Name: testBecomePartner				
Description: People that are interested in supporting the platform fill in the form to				
Pre-condition(s): To have the company				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the landing page and click the button 'Postani partner'. 2. Assert that the page title is 'Postanite korpa partner'. 3. Input name of the company, email, phone number and message. 4.Choose city and press 'Enter' button. 5.Click to submit form.	<ul style="list-style-type: none"> • Name of the company, • Email, • Phone number, • Message, • City 	A person has successfully filled in information and sent the form to become the Korpa.ba's partner.	User has completed and sent the form to become the Korpa.ba's partner	PASS
Notes: User doesn't have to be registered or logged in to use this feature.				

- Screenshot of the code

```

@Test
public void testBecomePartner() throws InterruptedException {
  webDriver.get(baseUrl);
  webDriver.manage().window().maximize();
  webDriver.findElement(By.xpath("//html/body/section[5]/div/div/div[2]/div[1]/div/div[2]/div/a")).click();
  String title = webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div/div/h1")).getText();
  assertEquals("Postanite korpa partner", title);
  webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div/div/a")).click();
  WebElement nameOfCompany = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[1]/div/input"));
  nameOfCompany.sendKeys("FIN");
  WebElement email = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[2]/div/input"));
  email.sendKeys("meho.mehic@gmail.com");
  WebElement phoneNumber = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[3]/div/input"));
  phoneNumber.sendKeys("+4676555423");
  WebElement message = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[4]/div/textarea"));
  message.sendKeys(
    "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. "
    + "Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. "
    + "Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. "
    + "Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum");
  webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[5]/div/span/span[1]")).click();
  Thread.sleep(2000);
  WebElement town = webDriver.findElement(By.xpath("//html/body/span/span/span[1]/input"));
  town.sendKeys("Sarajevo");
  Thread.sleep(1000);
  town.sendKeys(Keys.ARROW_DOWN);
  town.sendKeys(Keys.ENTER);
  Thread.sleep(2000);
  webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[6]/button")).click();
}
  
```

- Screenshot of the test

Šta dobije korpa partner

Vaša radnja/restoran na Korpa.ba platformi

Mini tablet i printer za upravljanje narudžbama

Profesionalno slikanje svih proizvoda

Brendirane kese i kutije sa Korpa.ba logotipom



Popunite potrebne podatke

Naziv firme / lokala

Email

Broj telefona

Dodatačna poruka

3.14. Test Become Team Member

People and registered users as well can become team members of the Korpa.ba platform if they want. Being a team member implies that a person is going to support the platform and work on the platform to provide that its functionalities and services work at their best.

Test Name: testBecomeTeamMember				
Description: People that are interested in working on the platform fill in the form				
Pre-condition(s): To be interested in working for Korpa.ba				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the landing page and click the button 'Postani član tima'. 2. Assert that the page title is 'Želiš biti dio korpa tima?'. 3. Input full name, email, number and about yourself. 5.Click to submit form.	<ul style="list-style-type: none"> • Full name, • Email, • Phone number, • About yourself 	A person has successfully filled in information and sent the form to become the Korpa.ba's team member.	User has completed and sent the form to become the Korpa.ba's team member.	PASS
Notes: User doesn't have to be registered or logged in to use this feature.				

- Screenshot of the code

```

@Test
public void testBecomeTeamMember() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//html/body/section[5]/div/div/div/div[2]/div/div[3]/div/div/a")).click();
    String title = webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div/div/h1")).getText();
    assertEquals("Zelis biti dio Korpa tima?", title);
    webDriver.findElement(By.xpath("//html/body/section[1]/div[3]/div/div/div/a")).click();
    WebElement fullName = webDriver.findElement(By.xpath("//*[@id='section']/section/form/div[1]/div/input"));
    fullName.sendKeys("Meho Mehic");
    WebElement email = webDriver.findElement(By.xpath("//*[@id='section']/section/form/div[2]/div/input"));
    email.sendKeys("mehomehic@gmail.com");
    WebElement number = webDriver.findElement(By.xpath("//*[@id='section']/section/form/div[3]/div/input"));
    number.sendKeys("+46762548884");
    WebElement aboutYourself = webDriver.findElement(By.xpath("//*[@id='section']/section/form/div[4]/div/textarea"));
    aboutYourself.sendKeys(
        "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. "
        + "Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. "
        + "Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. "
        + "Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum");
    Thread.sleep(2000);
    // webDriver.findElement(By.xpath("//*[@id='section']/section/form/div[5]/button")).click();
}

```

- Screenshot of the test

The screenshot shows a web page with the following elements:

- Header:** A logo with the word "korpa", a shopping cart icon, a location pin icon with the address "Grbavička 4, Sarajevo 71000, Bosna i Hercegovina", and a "Prijava se" button.
- Main Content:**
 - A large text box containing the heading "Pošalji nam svoj CV i postani dio ove sjajne ekipe".
 - A paragraph describing the company's mission and contact information: "Korpa nije obična aplikacija. Iza svih mogućnosti koje Korpa nudi svim njenim korisnicima, stoji jedan vrijedni tim. Fokusirani na kvalitet i na potrebe korisnika ali i restorana. Ljubaznost, kreativnost, odgovornost su neke osnovne odlike koje posjeduje svaki član tima. Email za CV: info@korpa.ba".
 - An image of a hand holding a smartphone displaying a map application, set against a background of a car's steering wheel and dashboard.
 - A section titled "Popunite potrebne podatke" with four input fields: "Ime i Prezime", "Email", "Broj telefona", and "Recite nam nešto o sebi".

3.15. Test Order Food

One of the best and one of the main functionalities that Korpa.ba platform provides is ordering food or items from the cities and companies that are listed underneath them. User has the option to choose whether the order is going to be delivered on the home address, or someone is going to pick the delivery from the store. The whole order can be paid by the card or in cash upon delivery.

Test Name: testOrdering				
Description: Ordering food from KFC				
Pre-condition(s): User must have the account, be logged in, have the address already added, and must have a verified phone number.				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the home page and login to your account. 2.After being redirected to the home page again, click on the KFC button in Sarajevo section. 3.Choose your option 'Srednji burger meni' and choose the side dish and drinks by clicking the checkboxes. 4.Click on button 'Na kuću' to go to the checkout. 5.Click on the 'Naruči' button to end ordering and to send the request to the restaurant.	<ul style="list-style-type: none">• Email,• Password,• Address	A registered user has successfully ordered a meal from KFC.	User has ordered food from KFC.	PASS
Notes: Online payments are only available in the mobile version of the platform.				

- Screenshot of the code

```

@Test
public void testOrdering() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();
    JavascriptExecutor js = (JavascriptExecutor) webDriver;
    WebDriverWait wait = new WebDriverWait(webDriver, Duration.ofSeconds(5));
    webDriver.findElement(By.xpath("//*[@id='navbarNavDropdown']/ul/li[2]/a")).click();
    webDriver.findElement(By.xpath("//*[@id='inputEmail']")).sendKeys("amilicausevic@stu.ibu.edu.ba");
    webDriver.findElement(By.xpath("//*[@id='target']/button")).click();
    webDriver.findElement(By.xpath("//*[@id='inputPassword']")).sendKeys("testiramoprojekatza10");
    webDriver.findElement(By.cssSelector("#target > button")).click();
    WebElement kfc = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//html/body/section[2]/div/div[2]/div[1]/div/div[27]/div/div/a")));
    kfc.click();
    WebElement headline = webDriver.findElement(By.xpath("//*[@id='kategorije_lista']/h4[2]"));
    js.executeScript("arguments[0].scrollIntoView(true)", headline);
    webDriver.findElement(By.xpath("//*[@id='kategorije_lista']/div[2]/div[1]/div/div[1]/a")).click();
    Thread.sleep(3000);
    WebElement kfc_headline = webDriver.findElement(By.xpath("//*[@id='burger-twister-srednji-meni']/h4"));

    js.executeScript("arguments[0].scrollIntoView(true)", kfc_headline);
    webDriver.findElement(By.xpath("//*[@id='food_add_256810']")).click();
    webDriver.findElement(By.xpath("//*[@id='addon_17309_256810_0']")).click();
    webDriver.findElement(By.xpath("//*[@id='addon_17464_256810_0']")).click();
    webDriver.findElement(By.xpath("//*[@id='addCustomizedProduct']")).click();
    WebElement checkout = webDriver.findElement(By.xpath("//*[@id='nakasu']"));
    js.executeScript("arguments[0].click()", checkout);
    webDriver.findElement(By.xpath("//*[@id='dugme_1']")).click();
    webDriver.findElement(By.xpath("//*[@id='pay_now']")).click();
}

}

```

- Screenshot of the test

Vaša narudžba

1 artikala

Twister srednji meni Coca-Cola Original 0.4l	1 10 KM
---	---------

Dodata na naknada za narudžbu ispod 15 KM

10.00 KM
U cijenu je uključen PDV

Dodatačna napomena za narudžbu:

Ovdje možete navesti napomene za sastojaka na koje ste alergični ili ne želite

Verifikujte broj telefona kako bi izvršili narudžbu

+38761835427 **Pošalji SMS verifikaciju**

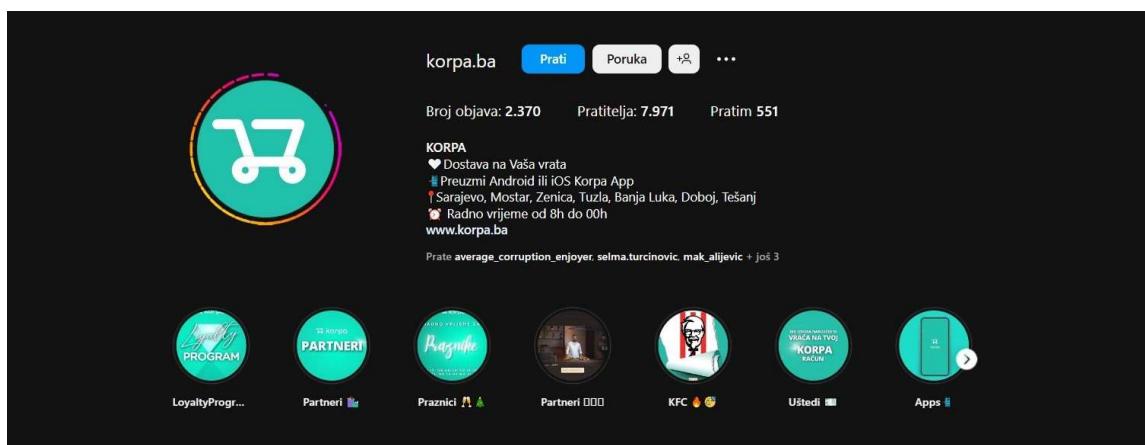
Dodajte adresu dostave da završite narudžbu

3.16. Test Instagram

One of the features that this platform provides is that from its home page, regardless are you a registered user or not, you can visit their social media accounts. This test visits Instagram page of Korpa.ba platform and asserts that the description of the Instagram account contains exactly

Test Name: testInstagram				
Description: Visiting Korpa.ba's Instagram page				
Pre-condition(s): /				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the main page of Korpa.ba's platform. 2.Scroll down & click on the Instagram button. 3.Visit the Instagram page and assert that the account description contains exactly 149 characters. 4. Go back to the main page	/	The user successfully visited the Instagram page and went back to the main page. It is asserted that the description contains exactly 149 characters.	User goes to the Instagram page and test fails afterwards because the element of description cannot be found, as well as any other on the Instagram page.	FAIL
Notes:				

- Screenshot of the test



- Screenshot of the code

```

@Test
public void testInstagram() throws InterruptedException {
    webDriver.get(baseUrl);
    JavascriptExecutor js = (JavascriptExecutor) webDriver;
    webDriver.manage().window().maximize();
    js.executeScript("arguments[0].scrollIntoView(true)", webElement);
    webDriver.findElement(By.xpath("//html/body/footer/div/div/div[4]/ul/li[3]/a")));
    WebElement instagram = webDriver.findElement(By.xpath("//*[@id='share']/a[2]"));

    String handle1 = webDriver.getWindowHandle();
    js.executeScript("arguments[0].click()", instagram);
    for (String handle : webDriver.getWindowHandles()) {
        if (!handle.equals(handle1)) {
            webDriver.switchTo().window(handle);
            break;
        }
    }
    webDriver.findElement(By.xpath("//*[@id='mount_0_0_Kq']/div/div/div[1]/div/div/div[1]/section/nav/div[2]/div/div/div[3]/div/div/div[1]/div/div/div/div[3]/div[1]/a"));
    .click();
    String profile_name = webDriver
        .findElement(By
            .xpath("//*[@id='mount_0_0_58']/div/div/div[1]/div/div/div[1]/section/main/div/header/section/div[1]/h2"))
        .getText();
    assertEquals("korpa.ba", profile_name);
    String caption = webDriver.findElement(By.xpath(
        "//*[@id='mount_0_0_L8']/div/div/div[1]/div/div/div[1]/section/nav/div[2]/div/div/div[3]/div/div/div[1]/a/button"))
        .getText();
    assertEquals(caption.length(), 149);

    webDriver.close();
    webDriver.switchTo().window(handle1);
}

```

3.17. Test Facebook

One of the features that this platform provides is that from its home page, regardless are you a registered user or not, you can visit their social media accounts. This test visits Facebook page of Korpa.ba platform and asserts that the Korpa.ba is liked by 15.194 users.

Test Name: testFacebook				
Description: Visiting Korpa.ba's Facebook page				
Pre-condition(s): /				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the main page of Korpa.ba's platform. 2.Scroll down & click on the Facebooj button. 3.Visit the Facebook page and assert that the account description contains the information that Korpa.ba is liked by 15.194 users. 4. Go back to the main page	/	The user successfully visited the Facebook page and went back to the main page. It is asserted that the description contains exactly 15.194 likes.	User goes to the Instagram page and test fails afterwards because the element of description cannot be found, as well as any other on the Facebook page.	FAIL
Notes:				

- Screenshot of the code

- Screenshot of the test



Korpa

@Korpa.ba - Usluga dostave hrane

Upotrijebi aplikaciju

[korpa.ba](#)

Početna Info Usluge Fotografije Više

...

Informacije

Pogledajte sve



- Korpa.ba - Dostavljamo na Vaša vrata!**
- Korpa je platforma za dostavu raznih vrsta proizvoda, namirnica, hrane i sl. Kupci mogu iz udobnosti svog doma, posla ili nekog drugog mjestu putem mo... Prikaži više**
- 15.194 osobe ovo se svđa**
- Ovo prati 15.877 ljudi**
- Ovdje se prijavilo 7 ljudi**
- <http://www.korpa.ba/>**
- 033 788-000**
- info@korpa.ba**
- Otvoreno
08:00 – 00:00**
- Usluga dostave hrane**
- korpa.ba**

 Korpa je na lokaciji Bosnia and Herzegovina.
23 h · Instagram · 

NOVO na Korpi 

Samo na KORPI - Brzo, Sveže, Uкусно. 

✓ @malakfarma - Sarajevo
✓ @hotel_integra_banjaluka - ... Prikaži više



2

 Sviđa mi se

 Komentiraj

3.18. Test Google Play Button

One of the features that this platform provides is that from its home page, regardless are you a registered user or not, you can visit their the Google Play and see the ratings and reviews of the platform, as well as to watch a promotion trailer for the platform and get many other useful information

Test Name: testGooglePlay				
Description: Visiting Korpa.ba's profile on Google Play, playing a video and asserting that 4.4 is the average rate of the platform.				
Pre-condition(s): /				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the main page of Korpa.ba's platform. 2.Scroll down & click on the Google Play button. 3.Scroll down to the rating part and assert that the rating is 4.4 4.Go back to the top of the page. 5. Click on the trailer and play it for 8 seconds. Go back to the main page	/	The user successfully visited the Google Play, played the trailer for the platform for 8 seconds and asserted that the average rating of the application is 4.4	The user successfully visited the Google Play, played the trailer for the platform for 8 seconds and asserted that the average rating of the application is 4.4	PASS

Notes: This test actually is comprised of two separate tests.,.

- Screenshot of the code

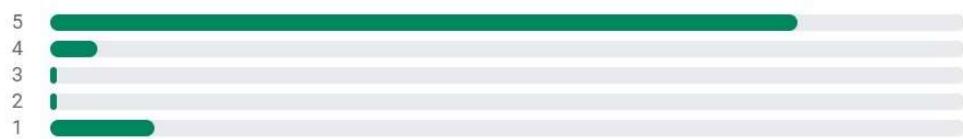
```
@Test
public void testGooglePlay() throws InterruptedException {
    webDriver.get(baseUrl);
    JavascriptExecutor js = (JavascriptExecutor) webDriver;
    webDriver.manage().window().maximize();
    js.executeScript("arguments[0].scrollIntoView(true)",
                    webDriver.findElement(By.xpath("//html/body/footer/div/div[4]/ul/li[3]/a")));
    String handle1 = webDriver.getWindowHandle();
    js.executeScript("arguments[0].click()", webDriver.findElement(By.xpath("//html/body/footer/div/div[1]/div/a[1]")));
    for (String handle : webDriver.getWindowHandles()) {
        if (!handle.equals(handle1)) {
            webDriver.switchTo().window(handle);
            break;
        }
    }
    String rating = webDriver.findElement(By.xpath(
        "//*[@id=\"yDmH0d\"]//c-wiz[2]/div/div/div[1]/div[2]/div/c-wiz[4]/section/div/div/div[1]/div/div/div[1]/div[1]"))
        .getText();
    assertTrue(rating.contains("4.4"));
    js.executeScript("arguments[0].scrollIntoView(true)",
                    webDriver.findElement(By.xpath("//*[@id=\"yDmH0d\"]//c-wiz[2]/div/div/div[1]/div[1]/div/div/div[3]/div/button")));
    js.executeScript("arguments[0].click()", webDriver.findElement(By.xpath("//*[@id=\"yDmH0d\"]//c-wiz[2]/div/div/div[1]/div[1]/div/div/div[3]/div/button")));
    js.executeScript("arguments[0].click()", webDriver.findElement(By.xpath("//*[@id=\"movie_player\"]//div[22]/div[2]/div[1]/a[1]")));
    Thread.sleep(8000);
    webDriver.close();
    webDriver.switchTo().window(handle1);
}
```

- Screenshots of the test

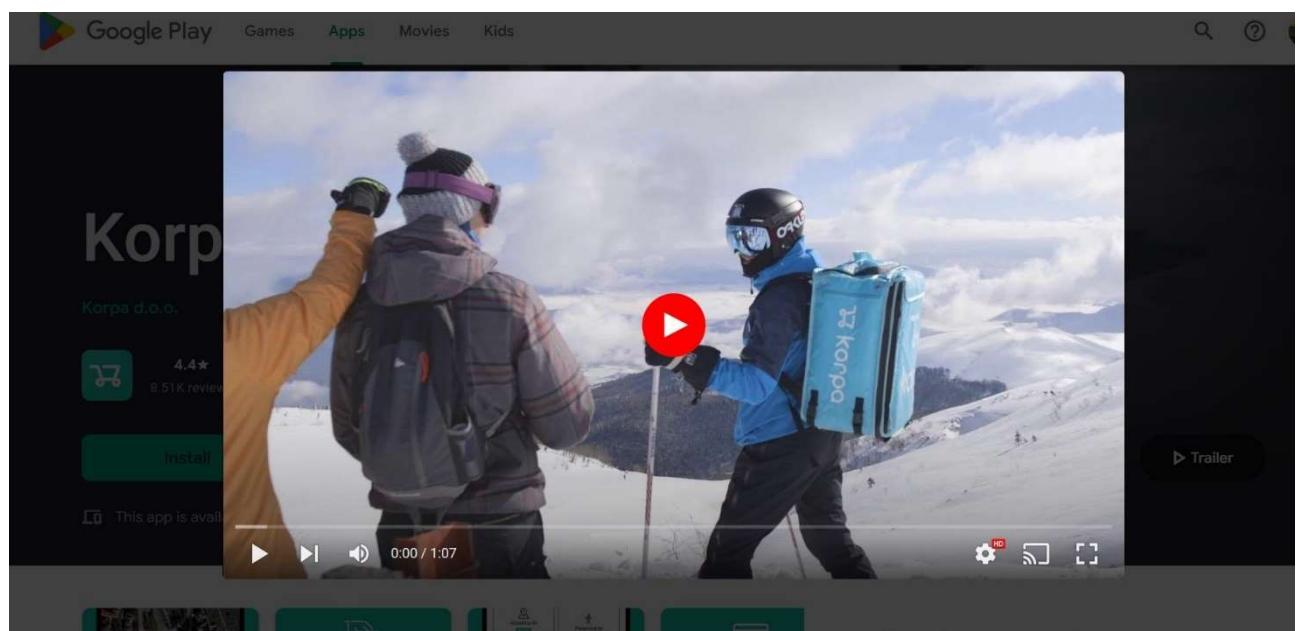
Ratings and reviews →

Ratings and reviews are verified ⓘ

4.4



8.51K reviews



3.19. Test Customer Support

One of the things that I can say, increase the reliability is the ability to users to leave their requests to the customer support agents that work for Korpa.ba. It is known as customer support and it is really good if there was some kind of mistake regarding the order or delivery.

Test Name: testCustomerSupport				
Description: Fill in the form for customer support.				
Pre-condition(s): /				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Go to the main page of Korpa.ba's platform. 2. Scroll down to the 'Podrška korisnicima' and click on the button. 3.Enter full name, email, phone number and message. Click on the 'Pošaljite poruku' button. 4.Assert that after submitting the form, the message 'Ubrzo ćemo Vas kontaktirati.' is shown	<ul style="list-style-type: none">• Full name,• Email,• Phone number,• Message	The user has successfully submitted the form.	The user has successfully submitted the form.	PASS
Notes: Both registered and guest users can leave the message.				

- Screenshot of the test

Popunite potrebne podatke

Ime i Prezime

Email

Broj telefona

Poruka

- Screenshot of the code

```

@Test
void testCustomerSupport() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();
    webDriver.findElement(By.xpath("//*[@id=\"navbarNavDropdown\"]/ul/li[2]/a")).click();
    webDriver.findElement(By.xpath("//*[@id=\"inputEmail\"]")).sendKeys("amil.a.causevic@stu.ibu.edu.ba");
    webDriver.findElement(By.xpath("//*[@id=\"target\"]/button")).click();
    webDriver.findElement(By.xpath("//*[@id=\"inputPassword\"]")).sendKeys("testiramoprojekatza10");
    webDriver.findElement(By.cssSelector("#target > button")).click();
    webDriver.findElement(By.xpath('/html/body/footer/div/div[4]/ul/li[3]/a')).click();
    WebElement customerSupport = webDriver.findElement(By.xpath("/html/body/section[2]/div/div/h2"));
    String customerSupportText = customerSupport.getText();
    assertEquals("Popunite potrebne podatke", customerSupportText);
    WebElement name = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[1]/div/input"));
    name.sendKeys("Meho Mehic");
    WebElement email = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[2]/div/input"));
    email.sendKeys("meho.mehic@gmail.com");
    WebElement phoneNumber = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[3]/div/input"));
    phoneNumber.sendKeys("+38761348304");
    WebElement message = webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[4]/div/textarea"));
    message.sendKeys(
        "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua."
        + "Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat."
        + "Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur."
        + "Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum");
    Thread.sleep(3000);
    Thread.sleep(3000);
    String title = webDriver.findElement(By.xpath("/html/body/section[1]/div[3]/div/div/div/h1")).getText();
    assertEquals("Podrška korisnicima", title);
    assertEquals("Popunite potrebne podatke", customerSupportText);
    WebElement inputDetails = webDriver.findElement(By.xpath("/html/body/section[2]/div/div/div/h2"));
    String element = webDriver.findElement(RelativeLocator.with(By.tagName("div")).below(inputDetails)).getText();
    assertEquals("Hvala na javljanju! Ubrzo ćemo Vas kontaktirati.", element);
    // webDriver.findElement(By.xpath("//*[@id=\"section\"]/section/form/div[5]/button")).click();
}
}

```

9. Conclusion

9.1. Testing Summary

Provide a summary of all your executed tests. Something like this would be alright:

Testing Tool	Total Tests	Passed Tests	Failed Tests
Selenium combined with JUnit	20	18	2

The test that failed were testFacebook and testInstagram. The reason we think these tests failed is probably because of Instagram and Facebook policies. Because every single element that we try to find on these pages, cannot be found and the tests fail.

9.2. Final Thoughts

Both of us enjoyed very much working on this project, as it was really interesting and it prepared us well for both lab exam and the final exam. We think that we tried to test majority of features that the platform provides. We hope that we indeed did a good job.

One of the things that we noticed is the fact that when registering to the account, in the phone number section, a guest user can enter any type of characters, when it should only be allowed to enter numbers. We tried entering letters, and it worked fine.

The other thing is also the removing from the cart option. It is almost impossible to remove something from cart on the web application. We needed to cancel the whole orders, and not just part of them while testing the platform.

These two things are something that developer definitely should correct to improve the usage and reliability.

At the end, we didn't have much difficulties and it was fun to work on the project.