

# **SOFTWARE VERIFICATION, VALIDATION AND TESTING**

## **TESTING DOCUMENTATION**

Testing of FK Sarajevo webpage

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Date of submission

22.1.2023

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# 1. Introduction

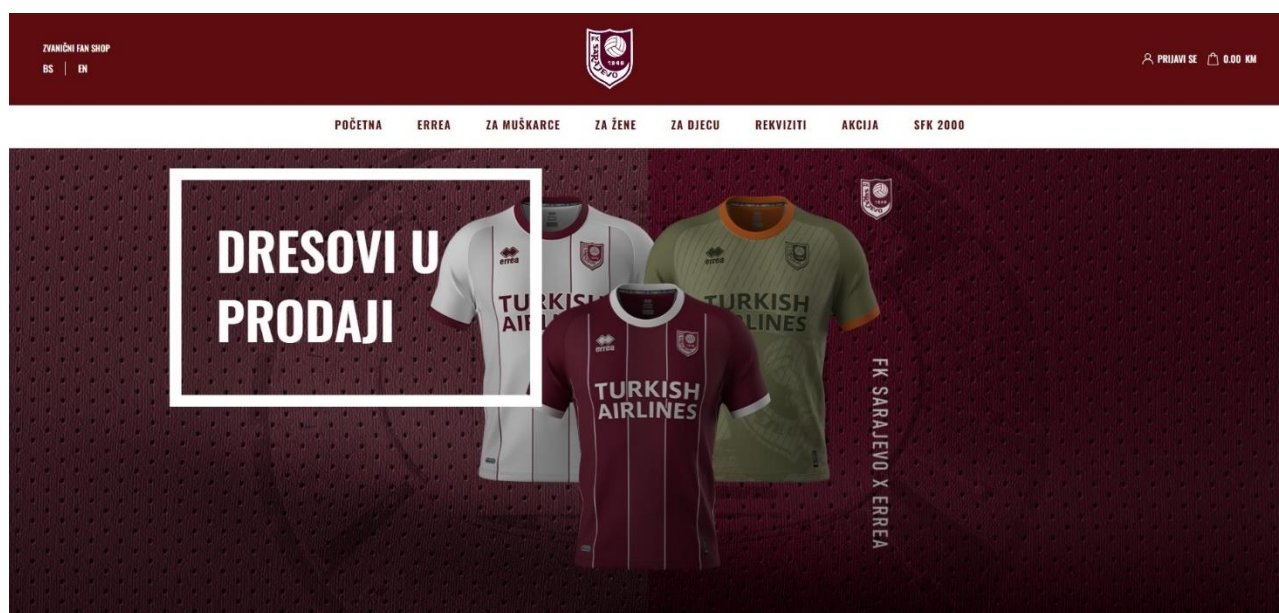
## 1.1. About the Project

We are testing FK Sarajevo webpage, which has variety of functionalities. This page has many different aspects that we were able to test, from button functionalities to it's performance. The link is: <https://fksarajevo.ba/>.

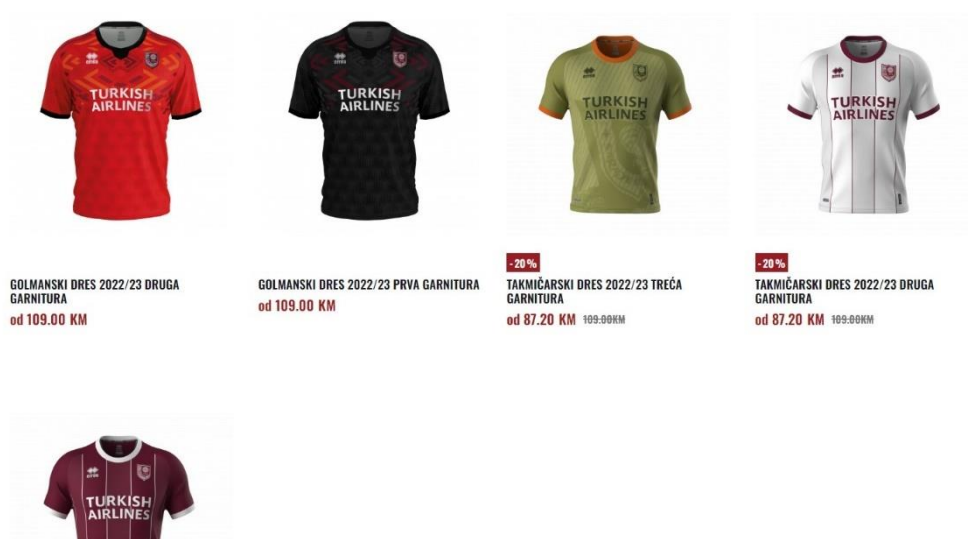
## 1.2. Project Functionalities and Screenshots

### WebShop:

One of the most interesting things on the site is the fan shop. A place where you can buy a hoodie, t-shirt or jersey. The most current thing is the jersey because you can customize it the way you want. Different sizes are available, as well as the possibility of choosing a goalkeeper or competition jersey.



### 5 PROIZVODA



POČETNA
ERREA
ZA MUŠKARCE
ZA ŽENE
ZA DJECU
REKVIZITI
AKCIJA
SFK 2000

FKS Shop / Errea / Dresovi



## TAKMIČARSKI DRES 2022/23 DRUGA GARNITURA

Takmičarski dres 2022/23 druga garnitura

VELIČINA

S
M
L
XL
XXL
XXXL

NATPIS

ME
IGRAČI
LIČNO

LOGOTIP

Bez logotipa

**87.20 BAM**

109.00KM

Plus troškovi poštarine

KOLIČINA

## Membership:

On the FK Sarajevo page, you can show your loyalty through membership. Registration is quick and easy.

MAZAO NA FK SARAJEVO.BA

Prijavi se | 0.00 KM

POSTOJEĆI ČLAN? PRODUŽITE SVOJE ČLANSTVO

BITI ČLAN DOKAZ JE PRIVRŽENOSTI.

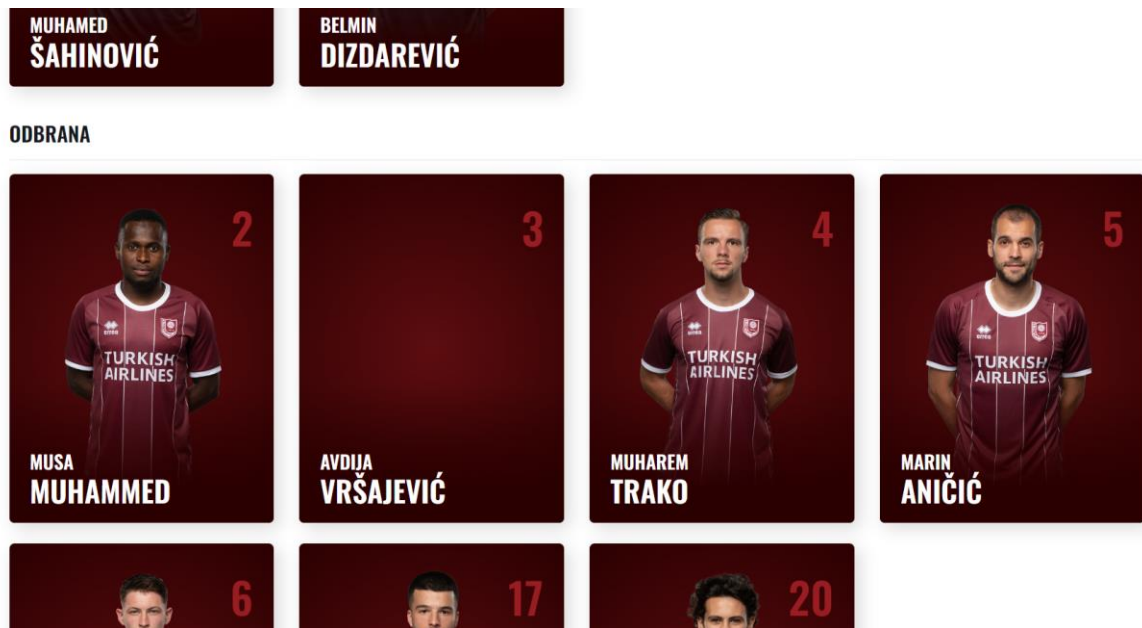
SARAJEVO - TO SMO MI!

POSTANI ČLAN U 2023

POKLON ČLANSTVO

The current results of the table in the BiH League are available on the page. In addition, the match schedule and previous results are available on the same page.

The website offers a list of all current players, their pictures and numbers.



## 2. Test Plan

### 2.1. Scope

We are planning to test most of the functionalities provided by this page. There are few aspects of this page that we haven't covered. We focused to test almost everything on the given page since everything is connected to each other.

### 2.2. Testing Environment and Tools

We are using Selenium framework and Java programming language in Eclipse IDE.

## 3. Test Execution

In the "Test Execution" section, you need to list your **test scenarios** and **test cases**. *Test scenario* is a statement whose purpose is to inform what particular area of the application will be tested. Test scenarios consist of multiple *test cases*, which test specific parts of an application. You can use the following template approach for test scenarios and test cases, but you can also use a custom template or your own "design", as long as you have all the necessary information.

### 3.1. Baby Clanstvo Test

Test Name: BabyClanstvo				
Description: Checking the value of membership for babies.				
Pre-condition(s): Are there any conditions or other tests that need to be executed before this test; are there any test fixtures? If not, leave this blank.				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Firstly it needs to fetch the link of the page. 2. Secondly it will locate the button and click on it. 3. It will scroll until it's	-	BABY (39,90KM)	BABY (39,90KM)	Passed



visible 4. Then it will locate it and compare price with the expected price				
<b>Notes:</b>				

```

@Order(1)
@Test
@DisplayName("Baby Clanstvo Test")
void BabyClanstvo() throws InterruptedException {
    JavascriptExecutor js = (JavascriptExecutor) webDriver;
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[id=\\\"navbarSupportedContent\\\"]/ul/li[7]/a")).click();
    Thread.sleep(2000);
    WebElement baby = webDriver.findElement(By.xpath("/html/body/main/section[2]/div[1]/div/div[3]/a"));
    js.executeScript("arguments[0].scrollIntoView(true);", baby);
    Thread.sleep(1000);
    WebElement babyCijena = webDriver.findElement(By.xpath("/html/body/main/section[2]/div[1]/div/div[3]/a/h5"));
    assertEquals("BABY (39,90KM)", babyCijena.getText());
}

```

## 3.2. Login Test

Users want to be able to visit the home page, and get a quick glance at the most important features it has to offer.

<b>Test Name:</b> Prijava				
<b>Description:</b> Checking whether members can login to their profiles.				
<b>Pre-condition(s):</b>				
<b>Test Steps:</b>  1. Go to the landing page. 2. Find membership button 3. Click on it 4. Provide the credentials to input fields and click login button 5. Once logged in, click logout button	<b>Test Data:</b>  -We should provide login credentials.	<b>Expected Result:</b>  User should be able to login and logout.	<b>Actual Result:</b>  User is able to login and logout.	<b>Status:</b>  Pass
<b>Notes:</b>				



```

@Order(2)
@Test
@DisplayName("Login Test")
void Prijava() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[id=\"header-top\"]/div/div[1]/a[5]")).click();
    Thread.sleep(2000);
    WebElement email = webDriver.findElement(By.name("email"));
    WebElement password = webDriver.findElement(By.name("password"));
    email.sendKeys("benjom@bih.net.ba");
    password.sendKeys("ha10be14");
    Thread.sleep(2000);
    webDriver.findElement(By.xpath("//*[id=\"web-login\"]/div[2]/div/div[2]/div/div/form/div[3]/button")).click();
    Thread.sleep(1000);
    String bodovi = webDriver.findElement(By.xpath("/html/body/div[3]/span/span")).getText();
    assertTrue(bodovi.equals("84"));
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[id=\"header-top\"]/div/div[1]/div/button")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[id=\"header-top\"]/div/div[1]/div/ul/li[3]/a")).click();
    Thread.sleep(1000);
}

```

### 3.3. Karte Test

Test Name: Karte				
Description: Checks if you can navigate to page where you can buy tickets.				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Click on the button where you can buy tickets 3. Click the link for the ticket buying 4. Land on the tickets page		The user is taken to a tickets page	The user is taken to the expected page.	Pass
Notes:				

```

@Order(3)
@Test
@DisplayName("Karte Test")
void Karte() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[id=\"navbarSupportedContent\"]/ul/li[5]/button")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[id=\"navbarSupportedContent\"]/ul/li[5]/ul/li[1]/a")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[id=\"single-article\"]/div/div[3]/p[2]/em/a")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("/html/body/nav/div/a")).click();
    Thread.sleep(1000);
}

```

### 3.4. Igraci Test

Test Name: Igraci				
Description: Checks if you can locate certain players within “Tim” area of the page.				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Click on the button where you can navigate to the team section 3. Locate the element with certain player 4. Assert that it equals given value	-We need to give parameter to compare to the actual name on the page.	Ahmetovic 9	Ahmetovic 9	Pass
Notes:				

```
@Order(4)
@Test
@DisplayName("Igraci Test")
void Igraci() throws InterruptedException{
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[@id=\"navbarSupportedContent\"]ul/li[3]/button")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[@id=\"navbarSupportedContent\"]ul/li[3]/ul/li[1]/a")).click();
    Thread.sleep(1000);
    String mersudin = webDriver.findElement(By.xpath("/html/body/div[2]/div[5]/div[2]/div/div[4]/div[1]")).getText();
    assertEquals(mersudin, "MERSUDIN");
    Thread.sleep(1000);
}
```

### 3.5. Performanse Stranice Test

Test Name: TestPagePerformance				
Description: Checks if page will load in given amount of time.				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Wait for it to load within a given time	-Give loading time for the page.	Pass	Pass	Pass
Notes:				

```

@Order(5)
@Test
@DisplayName("Performanse Stranice Test")
public void testPagePerformance() {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();

    // Get the time it took for the page to fully load
    long loadTime = (Long) ((JavascriptExecutor) webDriver).executeScript("return performance.timing.loadEventEnd - performance.timing.navigationStart;");

    // Check if the load time is within an acceptable range (e.g. less than 5000 milliseconds)
    if (loadTime > 5000) {
        throw new AssertionError("Page load time was not within acceptable range. Actual load time: " + loadTime + "ms");
    }
}

```

### 3.6. Fluent Test

Test Name: TestFluent				
Description: Checks if element will load in given time, and it will assert if it's true what it says in it.				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Wait for it to load within a given time 3. Assert whether it says "ZVANIČNA STRANICA FK SARAJEVO"	-Give the value of the element should have and time for it to load.	"ZVANIČNA STRANICA FK SARAJEVO"	"ZVANIČNA STRANICA FK SARAJEVO"	Pass
Notes:				

```

@Order(6)
@Test
@DisplayName("Fluent Test")
void testFluent() {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();

    //WebDriverWait wait = new WebDriverWait(webDriver, Duration.ofSeconds(5));
    FluentWait<WebDriver> wait = new FluentWait<WebDriver>(webDriver);

    wait.withTimeout(Duration.ofSeconds(5));
    wait.pollingEvery(Duration.ofMillis(250));

    String element = wait.until(
        ExpectedConditions.visibilityOfElementLocated(
            By.xpath("/html/body/div[1]/div/span")
        )
    ).getText();

    assertEquals("ZVANIČNA STRANICA FK SARAJEVO", element);
}

```

### 3.7. Vijesti Test

Test Name: Vijesti
Description: Checks if "vijesti" writes at the top of the news box.
Pre-condition(s):

Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Locate and click the news box 3. Assert that "vijesti" writes at the top of the news box		Vijesti	Vijesti	Pass
<b>Notes:</b>				

```

@Order(7)
@Test
@DisplayName("Vijesti Test")
void Vijesti() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[@id=\"highlighted-news\"]/div[1]/div[2]/a/div[2]")).click();
    Thread.sleep(2000);
    String vijesti = webDriver.findElement(By.xpath("//*[@id=\"single-article\"]/div[2]/div[1]/h5")).getText();
    assertEquals(vijesti, "VIJESTI");
    Thread.sleep(2000);
}

```

### 3.8. WebShop Dresovi Test

<b>Test Name:</b> WebShopKonfiguratorTest				
<b>Description:</b> Checks if you can configure your own jersey in the configurator online.				
<b>Pre-condition(s):</b>				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Click fan shop button 3. Click jerseys button on fan shop link 4. Locate the white jersey 5. Fill out form for the customization. It includes input field for text and select boxes	-Give input data for name, number, stickers on the jerseys and size.	Pass	Pass	Pass
<b>Notes:</b>				

```

@Order(8)
@Test
@DisplayName("WebShop Dresovi Test")
void webShopKonfiguratorDresa() throws InterruptedException{
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[@id=\"navbarSupportedContent\"]/ul/li[9]/a")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("/html/body/main/section[1]/div/div/div[1]/div/div[3]/a")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("/html/body/main/section/div/div/a[4]/div[1]/img")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[@id=\"add-cart-product\"]/div[3]/div[1]/div[2]/label")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[@id=\"add-cart-product\"]/div[3]/div[1]/div[2]/label")).click();
    Thread.sleep(1000);
    Select igrac = new Select(webDriver.findElement(By.xpath("//*[@id=\"choose_player\"]")));
    igrac.selectByVisibleText("Ahmetović 9");
    Thread.sleep(1000);
    Select logo = new Select(webDriver.findElement(By.xpath("//*[@id=\"logo_jersey\"]")));
    logo.selectByValue("all");
    Thread.sleep(1000);
    webDriver.navigate().back();
    Thread.sleep(1000);
    webDriver.navigate().back();
    Thread.sleep(1000);
    webDriver.navigate().back();
    Thread.sleep(1000);
}

```

### 3.9. FanShop Test

Test Name: FanShopPrice				
Description: Checks price of multiple jerseys, whether it will match the expected price.				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Click fan shop button 3. Click jerseys button on fan shop link 4. Locate the white jersey and click on it 5. Fill out form for the customization. It includes input field for text and select boxes	-Select number of jerseys, in this case 10.	1140,00 BAM	Fail, due to current holiday sales 922,00 BAM	Fail
Notes:				

```

@Order(9)
@Test
@DisplayName("FanShop Test")
void FanShopPrice() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();
    Thread.sleep(1000);

    webDriver.findElement(By.xpath("/html/body/nav/div/div[2]/div/ul/li[9]/a")).click();
    Thread.sleep(1000);

    Select logo = new Select(webDriver.findElement(By.id("logo_jersey")));
    logo.selectByVisibleText("BHTelecom");
    Thread.sleep(1000);

    Select kolicina = new Select(webDriver.findElement(By.id("quantity_jersey")));
    kolicina.selectByVisibleText("10");

    String cijena = webDriver.findElement(By.xpath("/html/body/main/section[4]/div/div/div/div[2]/div/div/form/div[6]/span[1]")).getText();
    System.out.println(cijena);
    //Akcija je trenutno dresova pa je cijena 922 umjesto 1140, ne brinite ako vam izbací error
    assertEquals("1140.00 BAM", cijena);
}

```

### 3.10. Akademija Test

Test Name: AkademijaPositiveAndNegative				
Description: Checks whether the given age groups match given selections of squads.				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to landing page 2. Click "akademija" button 3. Choose "selekcije" button 4. Load the page and assert that given age groups match given selection of squads	-We need to give values of age groups.	"U-19", kadeti "U-14", juniori "U-10", pioniri	"U-19", kadeti "U-14", juniori "U-10", pioniri	Pass
Notes:				

```

@Order(10)
@Test
@DisplayName("Akademija Test")
void AkademijaPositiveAndNegative() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.manage().window().maximize();

    webDriver.findElement(By.xpath("/html/body/nav/div/div[2]/div/ul/li[6]/button")).click();
    Thread.sleep(2000);
    webDriver.findElement(By.xpath("/html/body/nav/div/div[2]/div/ul/li[6]/ul/li[2]/a")).click();
    Thread.sleep(1000);

    WebElement kadeti = webDriver.findElement(By.xpath("/html/body/div[3]/div/div[3]/h3[1]"));
    assertEquals("U-19", kadeti.getText());
    assertNotEquals("U-18", kadeti.getText());

    WebElement juniori = webDriver.findElement(By.xpath("/html/body/div[3]/div/div[3]/h3[6]"));
    assertEquals("U-14", juniori.getText());
    assertNotEquals("U-13", juniori.getText());

    WebElement pioniri = webDriver.findElement(By.xpath("/html/body/div[3]/div/div[3]/h3[10]"));
    assertEquals("U-10", pioniri.getText());
    assertNotEquals("U-9", pioniri.getText());
}

```

### 3.11. Drustvene mreze Test

Test Name: SocialMediaLinks				
Description: Checks whether the given age groups match given selections of squads.				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to the landing page. 2. Find Facebook Link on Navbar 3. Navigate to it 4. Assert Link 5. Navigate back 6. Find Instagram Link on Navbar 7. Navigate to it 8. Assert link 9. Navigate back 10. Find Twitter Link on Navbar 11. Navigate to it 12. Assert Link 13. Navigate back 14. Find YouTube Link on Navbar 15. Navigate to it 16. Assert Link 17. Navigate back	Select all social media links and assert to new that we get from window opening	<a href="https://www.facebook.com/FudbalskiKlubSarajevo">https://www.facebook.com/FudbalskiKlubSarajevo</a>  <a href="https://instagram.com/fk_sarajevo/">https://instagram.com/fk_sarajevo/</a>  <a href="https://twitter.com/FK_Sarajevo">https://twitter.com/FK_Sarajevo</a>  <a href="https://www.youtube.com/footballclubsarajevo">https://www.youtube.com/footballclubsarajevo</a>	<a href="https://www.facebook.com/FudbalskiKlubSarajevo">https://www.facebook.com/FudbalskiKlubSarajevo</a>  <a href="https://instagram.com/fk_sarajevo/">https://instagram.com/fk_sarajevo/</a>  <a href="https://twitter.com/FK_Sarajevo">https://twitter.com/FK_Sarajevo</a>  <a href="https://www.youtube.com/footballclubsarajevo">https://www.youtube.com/footballclubsarajevo</a>	Pass
Notes:				



```

@Order(11)
@Test
@DisplayName("Drustvene mreze Test")
void SocialMediaLinks() throws InterruptedException {

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

    //FACEBOOK
    WebElement facebookLink = webDriver.findElement(By.xpath("/html/body/div[1]/div/div[1]/a[1]"));
    String url = facebookLink.getAttribute("href");
    try {
        webDriver.navigate().to(url);
        System.out.println(url + " is working.");
    } catch (Exception e) {
        System.out.println(url + " is not working. ");
    }
    String link = webDriver.getCurrentUrl();
    assertEquals("https://www.facebook.com/FudbalskiklubSarajevo/", link);
    Thread.sleep(1000);
    webDriver.navigate().back();
    Thread.sleep(3000);

    //INSTAGRAM
    WebElement instagramLink = webDriver.findElement(By.xpath("/html/body/div[1]/div/div[1]/a[2]"));
    String url1 = instagramLink.getAttribute("href");
    try {
        webDriver.navigate().to(url1);
        System.out.println(url1 + " is working.");
    } catch (Exception e) {
        System.out.println(url1 + " is not working. ");
    }
    String link2 = webDriver.getCurrentUrl();
    assertEquals("https://www.instagram.com/fk_sarajevo/", link2);
    Thread.sleep(1000);
    webDriver.navigate().back();
    Thread.sleep(3000);

    //TWITTER
    WebElement twitterLink = webDriver.findElement(By.xpath("/html/body/div[1]/div/div[1]/a[3]"));
    String url2 = twitterLink.getAttribute("href");
    try {
        webDriver.navigate().to(url2);
        System.out.println(url2 + " is working.");
    } catch (Exception e) {
        System.out.println(url2 + " is not working. ");
    }
    String link3 = webDriver.getCurrentUrl();
    assertEquals("https://twitter.com/FK_Sarajevo", link3);
    Thread.sleep(1000);
    webDriver.navigate().back();
    Thread.sleep(3000);

    //YOUTUBE
    WebElement youtubeLink = webDriver.findElement(By.xpath("/html/body/div[1]/div/div[1]/a[4]"));
    String url3 = youtubeLink.getAttribute("href");
    try {
        webDriver.navigate().to(url3);
        System.out.println(url3 + " is working.");
    } catch (Exception e) {
        System.out.println(url3 + " is not working. ");
    }
    String link4 = webDriver.getCurrentUrl();
    assertEquals("https://www.youtube.com/footballclubsarajevo", link4);
    Thread.sleep(1000);
}

```

### 3.12. Bordo TV Test

Test Name: Bordo TV				
Description: Checking if Bordo TV Post is clickable				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to the landing page. 2. Find Bordo TV on navbar 3. Click on it 4. Click on second post 5. Check if title is equals to provided Title		Title should be equal "Bordo TV: 76. GODINA BORDO KLUBA - FK SARAJEVO SLAVI ROĐENDAN - fksarajevo.ba"	Title is equal "Bordo TV: 76. GODINA BORDO KLUBA - FK SARAJEVO SLAVI ROĐENDAN - fksarajevo.ba"	Pass
Notes:				

```
@Order(12)
@Test
@DisplayName("Bordo TV Test")
void bordoTv() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[@id=\"navbarSupportedContent\"]/ul/li[8]/a")).click();
    Thread.sleep(500);
    webDriver.findElement(By.xpath("/html/body/div[2]/div/div[2]/div/a")).click();
    Thread.sleep(500);
    System.out.println(webDriver.getTitle());
    assertEquals("Bordo TV: 76. GODINA BORDO KLUBA - FK SARAJEVO SLAVI ROĐENDAN - fksarajevo.ba", webDriver.getTitle());
    Thread.sleep(500);
}
```

### 3.13. Rezultati Kluba Test

Test Name: Rezultati Kluba				
Description: Checking if Sarajevo is in the first place				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to the landing page. 2. Find results on navbar 3. Click on it 4. Checking who is at first place 5. Checking if Sarajevo is not at first place 6. Checking if Zrinjski is at first place		Sarajevo shouldn't be at first place. Zrinjski should be at first place.	Sarajevo is not at first place. Zrinjski is at at first place.	Pass
Notes:				

```

@Order(13)
@Test
@DisplayName("Rezultati Kluba Test")
void rezultatTabela() throws InterruptedException {
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[id=\\\"navbarSupportedContent\\\"]/ul/li[4]/button")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[id=\\\"navbarSupportedContent\\\"]/ul/li[4]/ul/li[2]/a")).click();
    Thread.sleep(1000);
    WebElement prviNaTabeli = webDriver.findElement(By.xpath("/html/body/div[3]/div/div[2]/div/table/tbody/tr[1]"));
    String klub = prviNaTabeli.getText();
    assertTrue(klub.contains("Sarajevo"));
    assertTrue(klub.contains("Zrinjski"));
}

```

### 3.14. Clanarina Prijava Test

Test Name: clanarinaPrijava				
Description: Checking if there is an error when we want apply for membership				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to the landing page. 2. Find membership tab on navbar 3. Click on it 4. Find button "Become a member in 2023" 5. Click on ti 6. Fill all requirement fields 7. Find button "Dalje" 8. Click on it 9. When modal open clike on "Preskoci" 10. After that click on "Žiralno plaćanje" 11. Checking if "Iznos za plaćanje" is 15KM	- We should provide all info about us in Membership form.	Class price-info should be 15	Class price-info is 15	Pass
Notes:				

```

@Order(14)
@Test
@DisplayName("Clanarina Prijava Test")
void clanarinaPrijava() throws InterruptedException {
    JavascriptExecutor js = (JavascriptExecutor) webDriver;
    webDriver.get(baseUrl);
    webDriver.findElement(By.xpath("//*[@id=\"navbarSupportedContent\"]/ul/li[7]/a")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("/html/body/main/section[1]/div/div[1]/div[1]/div/a[1]")).click();
    WebElement ime = webDriver.findElement(By.xpath("//*[@id=\"firstName\"]"));
    WebElement prezime = webDriver.findElement(By.xpath("//*[@id=\"lastName\"]"));
    ime.sendKeys("Ahmo");
    Thread.sleep(500);
    prezime.sendKeys("Ahmic");
    Thread.sleep(500);
    Select mjesec = new Select(webDriver.findElement(By.xpath("//*[@id=\"month\"]")));
    mjesec.selectByValue("1");
    Thread.sleep(500);
    WebElement dan = webDriver.findElement(By.xpath("//*[@id=\"day\"]"));
    Thread.sleep(500);
    WebElement godina = webDriver.findElement(By.xpath("//*[@id=\"year\"]"));
    dan.sendKeys("1");
    Thread.sleep(500);
    godina.sendKeys("1946");
    Thread.sleep(500);
    WebElement musko = webDriver.findElement(By.xpath("/html/body/main/div[1]/div[2]/div[2]/form/section/div[2]/div[4]/div/div[1]/label"));
    musko.click();
    Thread.sleep(500);
    WebElement broj = webDriver.findElement(By.xpath("//*[@id=\"cellphone\"]"));
    broj.sendKeys("061 111 111");
    Thread.sleep(500);
    WebElement emailClanstvo = webDriver.findElement(By.xpath("//*[@id=\"email\"]"));
    emailClanstvo.sendKeys("ahmoahmic@gmail.com");
    Thread.sleep(500);
    webDriver.findElement(By.xpath("//*[@id=\"address\"]")).sendKeys("Bulevar Meše Selimovića 97");
    Thread.sleep(500);
    webDriver.findElement(By.xpath("//*[@id=\"zip\"]")).sendKeys("71000");
    Thread.sleep(500);
    webDriver.findElement(By.xpath("/html/body/main/div[1]/div[2]/div[2]/form/section/div[4]/div[2]/div")).click();
    Thread.sleep(500);
    webDriver.findElement(By.xpath("/html/body/main/div[1]/div[2]/div[2]/form/section/div[4]/div[2]/div/div[2]/div/div[3]")).click();
    Thread.sleep(500);
    webDriver.findElement(By.LinkText("opširnije"));
    Thread.sleep(500);
    js.executeScript("window.scrollTo(0,document.body.scrollHeight)");
    Thread.sleep(2000);
    webDriver.findElement(By.xpath("/html/body/main/div[1]/div[2]/div[2]/form/section/button")).click();
    Thread.sleep(1000);
    webDriver.findElement(By.xpath("//*[@id=\"hideModalAndNext\"]")).click();
    Thread.sleep(2000);
    webDriver.findElement(By.xpath("//*[@id=\"payment_form\"]/section/div[2]/div[2]/div")).click();
    String cijena = webDriver.findElement(By.className("price-info")).getText();
    Thread.sleep(2000);
    assertEquals("15", cijena);
}

```

### 3.15. Sponzor Errea Test

Test Name: SponzorErrea				
Description: Check if FK Sarajevo is displayed on Errea Sponsorship list				
Pre-condition(s):				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Go to the landing page. 2. Click on Errea logo on header 3. Navigate to world 4. Check if Sarajevo is present on the list.		Sarajevo should be present at Errea Sponsorship Page	Sarajevo is present at Errea Sponsorship Page	Pass
Notes:				

```

@Order(15)
@Test
@DisplayName("Sponsor Errea Test")
void SponsorErrea() throws InterruptedException {
    webDriver.get(baseUrl);
    WebElement erreaLink = webDriver.findElement(By.xpath("/html/body/nav/div/div[1]/a[2]"));
    String url = erreaLink.getAttribute("href");
    webDriver.navigate().to(url + "/world/sponsorship");
    webDriver.get(url + "/world/sponsorship");
    String source = webDriver.getPageSource();
    System.out.print(source);
    assertTrue(source.contains("FK SARAJEVO"));
    Thread.sleep(1000);
}

```

## 9. Conclusion

### 9.1. Testing Summary

Testing Tool	Total Tests	Passed Tests	Failed Tests
We wrote tests in Selenium framework, using Java programming language in Eclipse IDE.	15	14	1

Only one test has failed, its name is FanShopPrice. It failed due to current holiday sale of the jerseys.

### 9.2. Final Thoughts

As far as it goes for our project we think that we implemented these tests in the best way we could, and also covered most of the functionalities of this page. We tried to cover almost every aspect that we learned throughout this semester. There were no flaws in testing of this page, but we did have some problems with some of the buttons, which we managed to solve after some time. We don't have any recommendations, since this page is functioning properly.