

# CS266 Software Engineering Lab Project

## Section 2

### Online Auction System

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## Testcase 1 : Register

```
py test_register.py > ...
💡 Click here to ask Blackbox to help you code faster
1 # Generated by Selenium IDE
2
3 from selenium import webdriver
4 from selenium.webdriver.common.by import By
5
6 driver=webdriver.Chrome()
7 driver.get("http://localhost:3000/")
8 driver.set_window_size(1552, 832)
9 driver.find_element(By.LINK_TEXT, "Register").click()
10 driver.find_element(By.ID, "username").click()
11 driver.find_element(By.ID, "username").click()
12 driver.find_element(By.ID, "username").send_keys("Praveen")
13 driver.find_element(By.ID, "email").click()
14 driver.find_element(By.ID, "email").send_keys("ok@gmail")
15 driver.find_element(By.ID, "password").click()
16 driver.find_element(By.ID, "password").send_keys("1234")
17 driver.find_element(By.CSS_SELECTOR, ".sign").click()
18 driver.quit()
19 |
```

React App

localhost:3000

Chrome is being controlled by automated test software.

Auctioneer

Home Auctions My Auctions

Search Auctions

Login Register

Featured Auctions Ending Soon

Digital Camera

5h

\$150

Smartphone

3h

\$200

Laptop

1h

\$300

Smartwatch

1d 2h

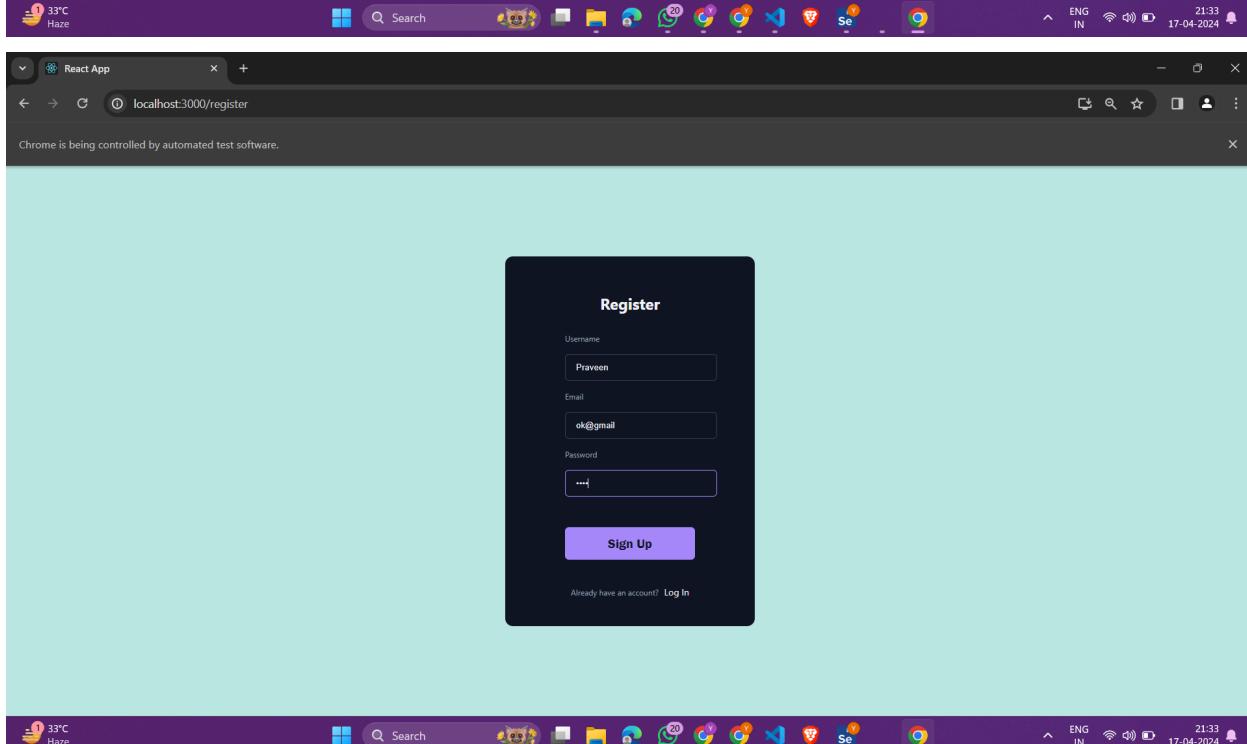
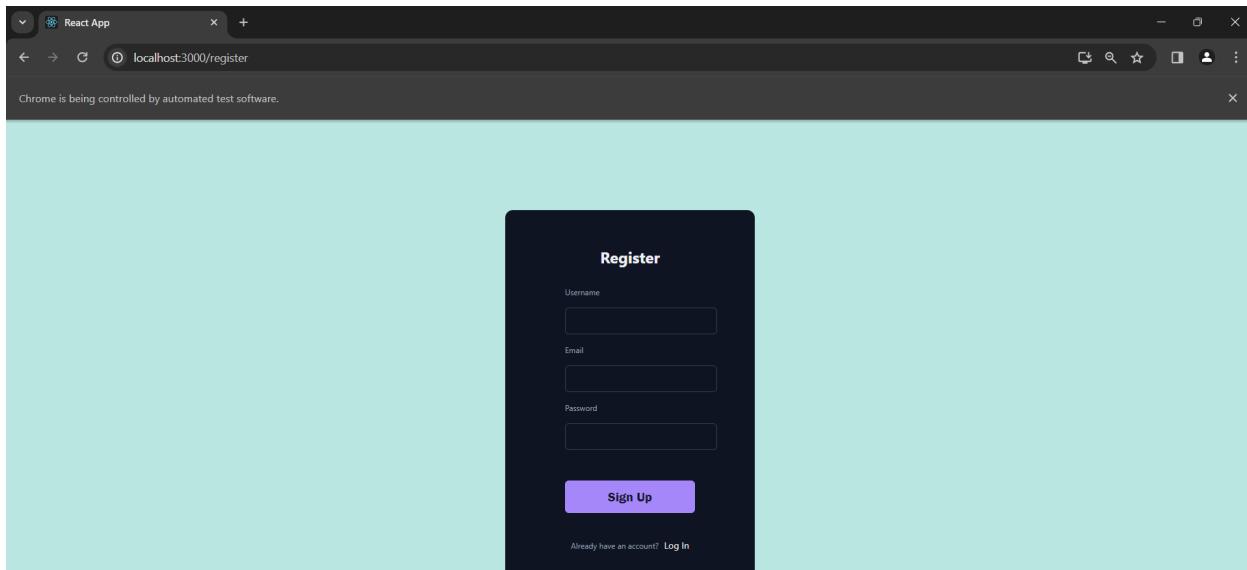
\$120

33°C Haze

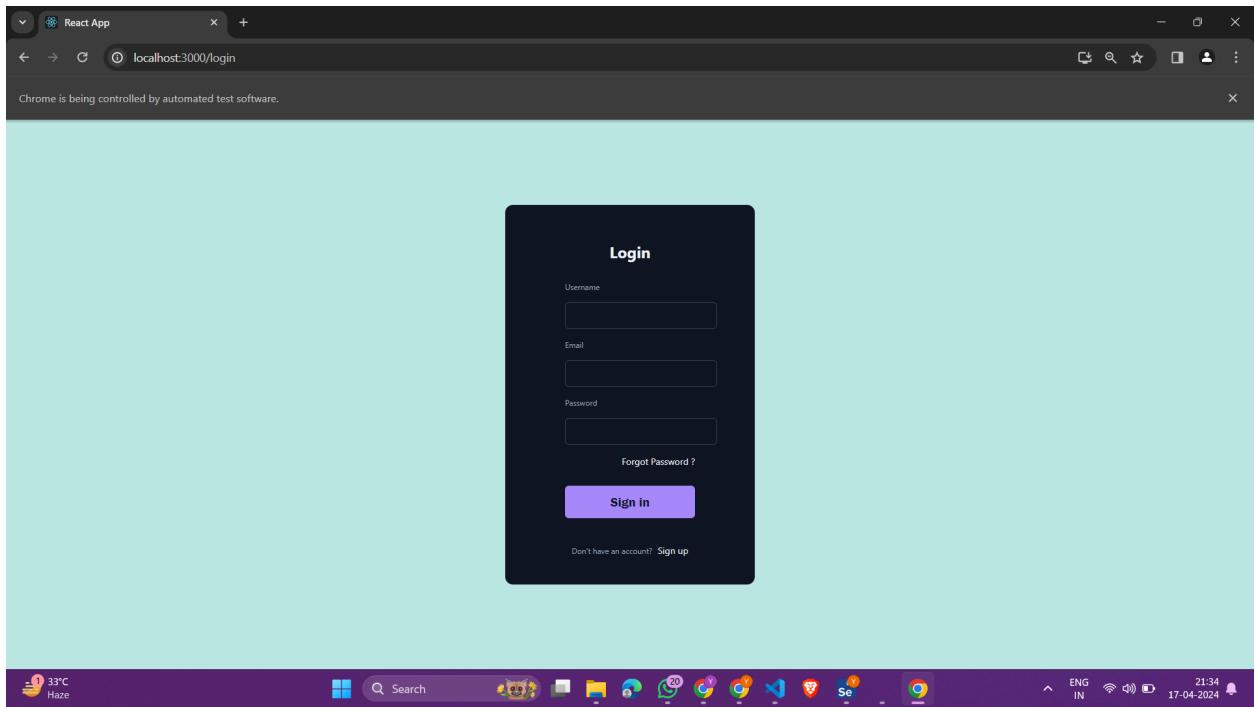
Search

21:31 17-04-2024

- After clicking on Register button , user is redirected to Register Page

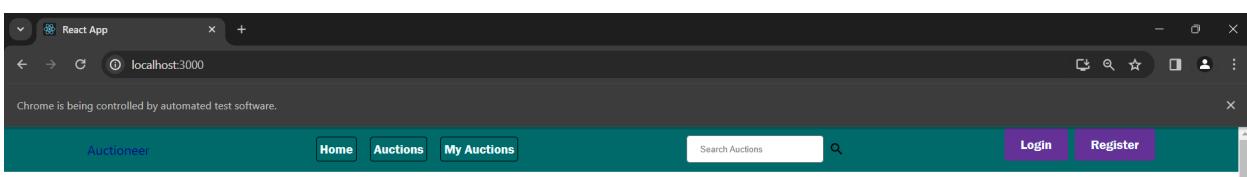


- After filling details and clicking n signup button , user is navigated to Login Page



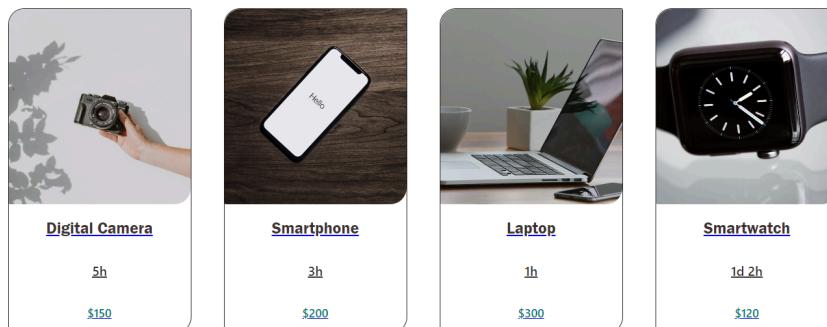
## Testcase 1 : Login

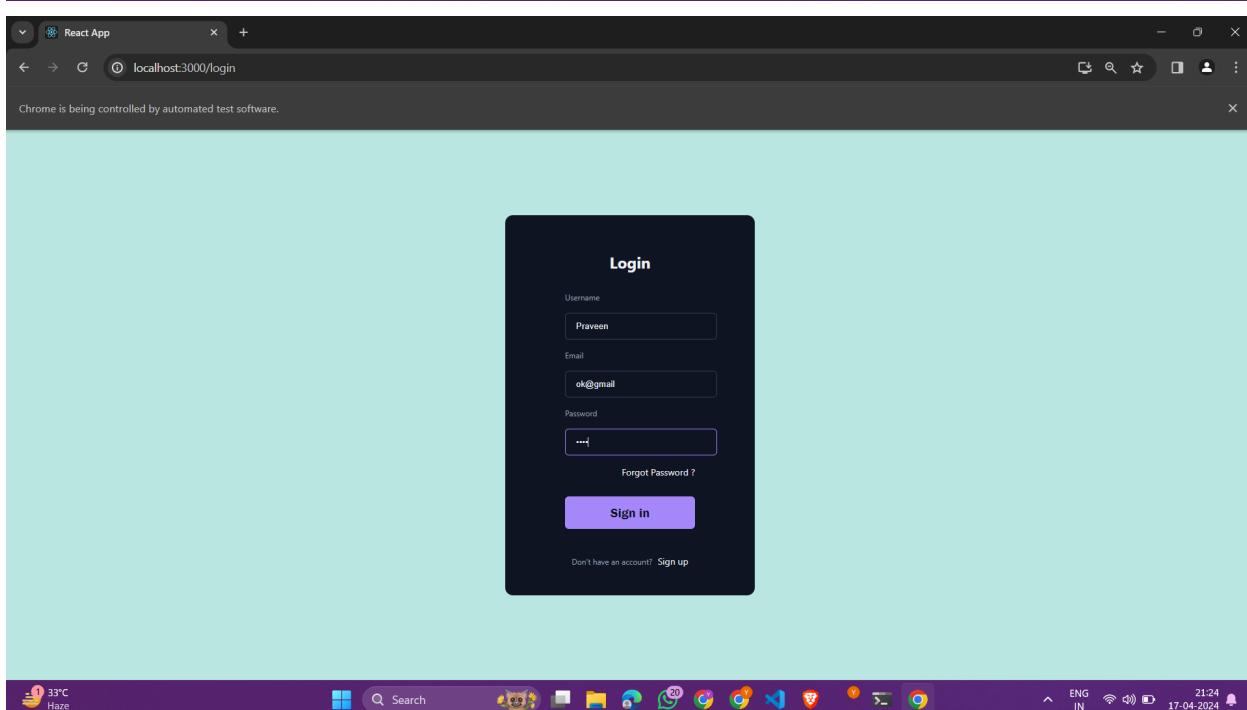
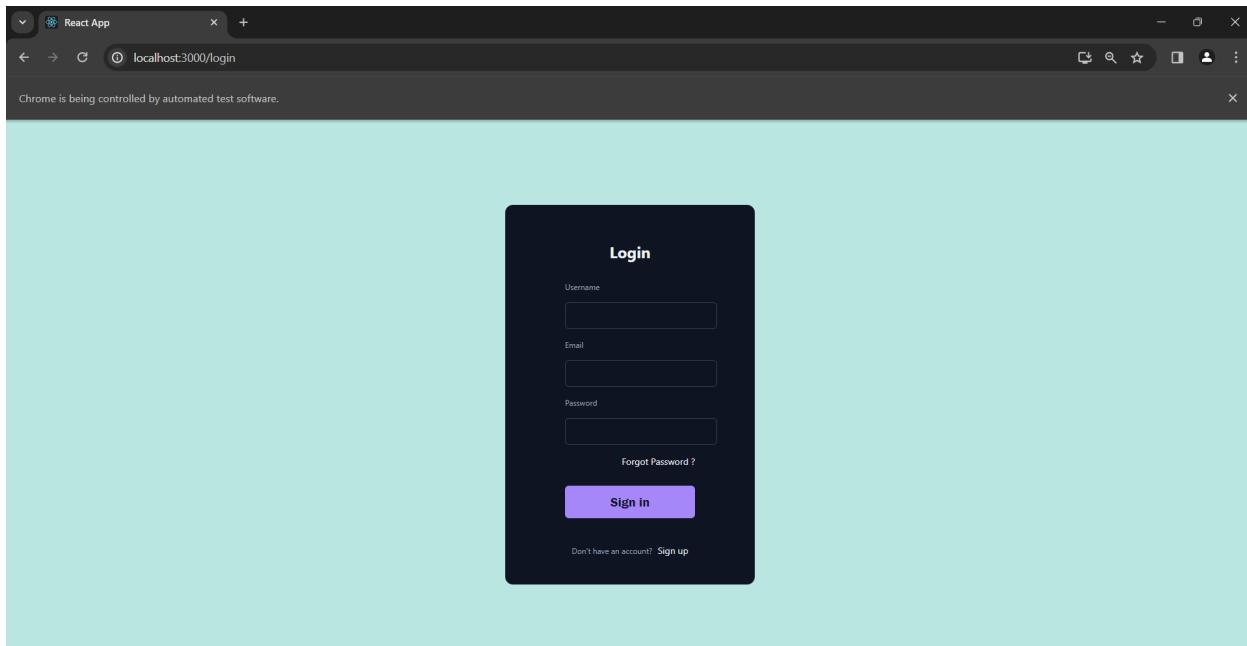
```
py test_login.py > ...
💡 Click here to ask Blackbox to help you code faster
● 1 # Generated by Selenium IDE
2
3 ✓ from selenium import webdriver
4   from selenium.webdriver.common.by import By
5
6
7   driver = webdriver.Chrome()
8   driver.get("http://localhost:3000/")
9   driver.set_window_size(1552, 832)
10  driver.find_element(By.LINK_TEXT, "Login").click()
11  driver.find_element(By.ID, "username").click()
12  driver.find_element(By.ID, "username").send_keys("Praveen")
13  driver.find_element(By.ID, "email").click()
14  driver.find_element(By.ID, "email").send_keys("ok@gmail")
15  driver.find_element(By.ID, "password").click()
16  driver.find_element(By.ID, "password").send_keys("1234")
17  driver.find_element(By.CSS_SELECTOR, ".sign").click()
18  driver.quit()
19
```



### Featured Auctions Ending Soon

Chrome is being controlled by automated test software.





- After filling user's valid credentials , user is navigated to Home Page

React App

localhost:3000

Chrome is being controlled by automated test software.

Auctioneer Home Auctions My Auctions Search Auctions Login Register

**Featured Auctions Ending Soon**

1h \$150 Digital Camera

2h \$200 Smartphone

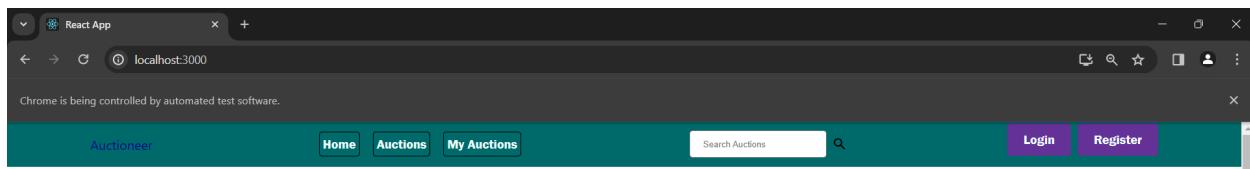
1h \$300 Laptop

1d 2h \$120 Smartwatch

The screenshot shows a web browser window for a React application at localhost:3000. The title bar says "React App" and the address bar says "localhost:3000". A message at the top states "Chrome is being controlled by automated test software.". The header includes tabs for "Auctioneer", "Home", "Auctions", and "My Auctions", along with a search bar and "Login" and "Register" buttons. Below the header, a section titled "Featured Auctions Ending Soon" displays four items: a Digital Camera (1h left, \$150), a Smartphone (2h left, \$200), a Laptop (1h left, \$300), and a Smartwatch (1d 2h left, \$120). Each item has a thumbnail image and a link to its auction page. The bottom of the screen shows the Windows taskbar with various icons and system status information.

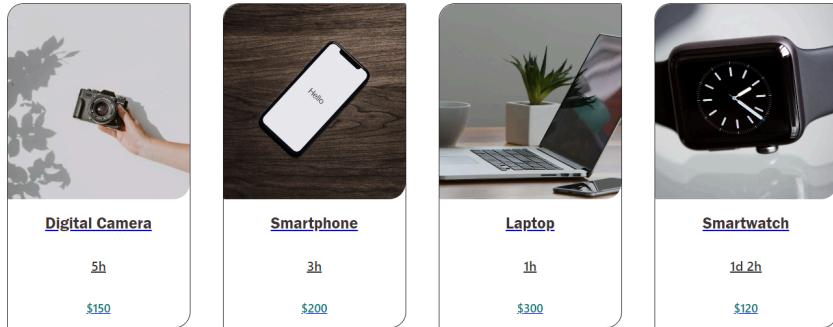
### Testcase 3 : Add auction

```
💡 test_addAuction.py > ...
💡 Click here to ask Blackbox to help you code faster
1 # Generated by Selenium IDE
2 from selenium import webdriver
3 from selenium.webdriver.common.by import By
4 #/*class TestAddAuction():
5     # def setup_method(self, method):
6         # self.driver = webdriver.Remote(command_executor='http://localhost:4444/wd/hub', desired_capabilities=DesiredCapabilities.CHROME)
7         # self.vars = {}
8
9     #def teardown_method(self, method):
10        # #3 self.driver.quit()
11    # def test_addAuction(self):
12        driver = webdriver.Chrome()
13        driver.get("http://localhost:3000/")
14        driver.set_window_size(1552, 832)
15        driver.find_element(By.LINK_TEXT, "My Auctions").click()
16        driver.find_element(By.NAME, "name").click()
17        driver.find_element(By.NAME, "name").send_keys("Cooler")
18        driver.find_element(By.NAME, "category").click()
19        driver.find_element(By.NAME, "category").send_keys("Electronics")
20        driver.find_element(By.CSS_SELECTOR, ".formInput:nth-child(4) > input").click()
21        driver.find_element(By.CSS_SELECTOR, ".formInput:nth-child(4) > input").send_keys("very cool")
22        driver.find_element(By.NAME, "startTime").click()
23        driver.find_element(By.NAME, "startTime").send_keys("2024-04-14")
24        driver.find_element(By.NAME, "endTime").click()
25        driver.find_element(By.NAME, "endTime").send_keys("2024-04-17")
26        driver.find_element(By.NAME, "imageUrl").click()
27        driver.find_element(By.NAME, "imageUrl").send_keys("https://images.pexels.com/photos/2923672/pexels-photo-2923672.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1")
28        driver.find_element(By.CSS_SELECTOR, "button:nth-child(8)").click()
29        driver.quit()
```

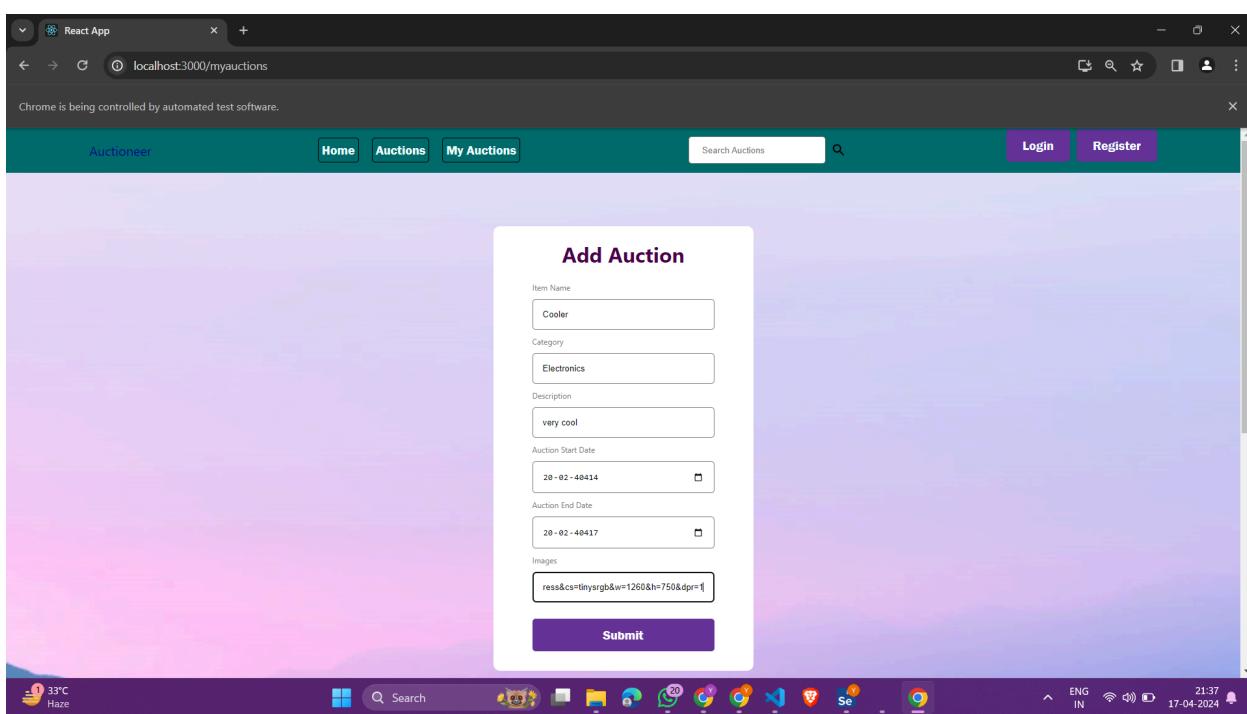
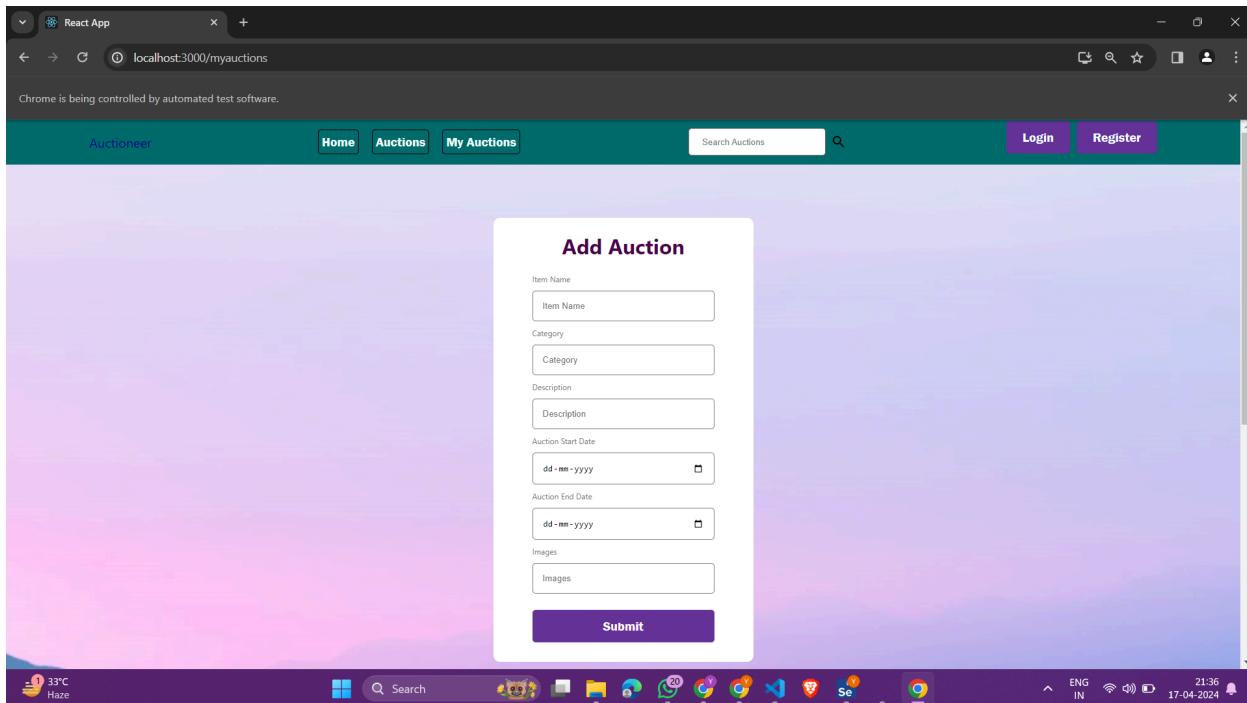


**Featured Auctions Ending Soon**

>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Quis ipsum suspendisse ultrices gravida. Risus commodo viverra maecenas accumsan lacus vel facilisis labore et dolore magna aliqua. Quis ipsum suspendisse ultrices gravida. Risus commodo viverra maecenas.



- After clicking on My Auctions user is redirected to My auctions page where he/she can add their item for auction



React App

localhost:3000

Chrome is being controlled by automated test software.

Auctioneer Home Auctions My Auctions Search Auctions Login Register

**Featured Auctions Ending Soon**

1h \$150 Digital Camera

2h \$200 Smartphone

1h \$300 Laptop

1d 2h \$120 Smartwatch

33°C Haze

Search

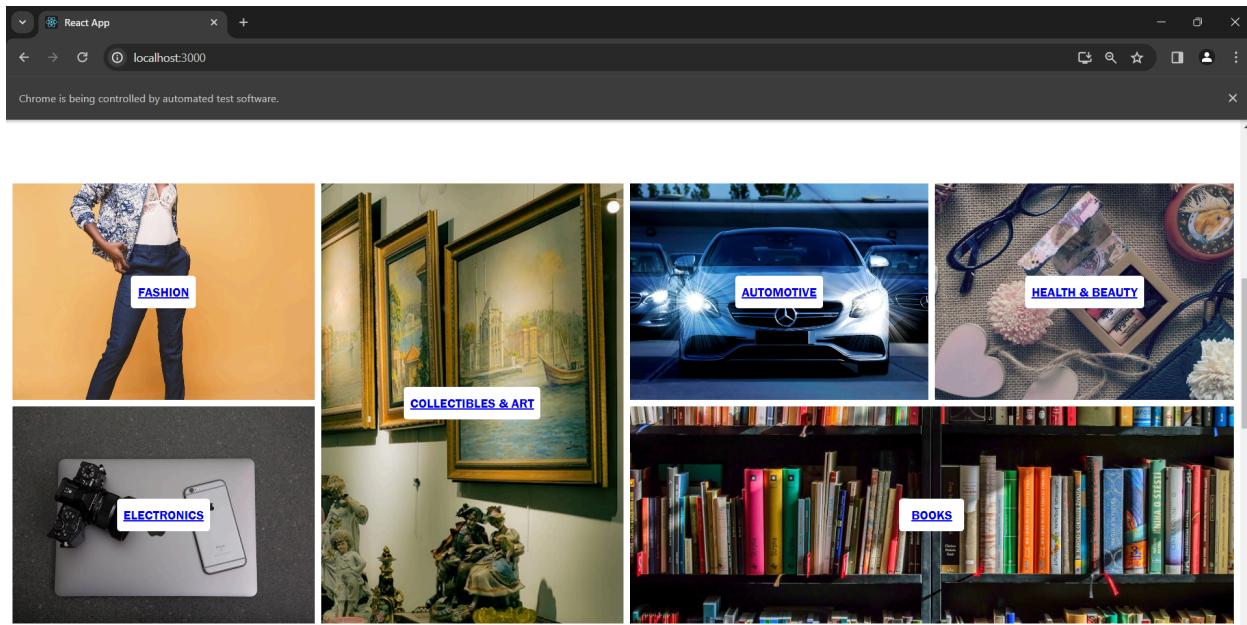
21:37 17-04-2024

## Testcase 4 : Browse auction by category

```
test_category.py > ...
💡 Click here to ask Blackbox to help you code faster
1 # Generated by Selenium IDE
2
3 ✓ from selenium import webdriver
4 from selenium.webdriver.common.by import By
5
6 driver = webdriver.Chrome()
7 driver.get("http://localhost:3000/")
8 driver.set_window_size(1552, 832)
9 driver.find_element(By.CSS_SELECTOR, ".col:nth-child(1) > .row:nth-child(2) a").click()
10 driver.find_element(By.CSS_SELECTOR, "a:nth-child(1) .mainImg").click()
11 driver.quit()
12 ✨
13 # Compare this snippet from test_category.py:
```

The screenshot shows a web browser window titled 'React App' at 'localhost:3000'. The page has a dark header with 'Auctioneer' and navigation links for 'Home', 'Auctions', and 'My Auctions'. A search bar and 'Login/Register' buttons are also present. Below the header, a section titled 'Featured Auctions Ending Soon' displays four items: a Digital Camera, a Smartphone, a Laptop, and a Smartwatch. Each item has a thumbnail image, a title, a time until end, and a price. The Digital Camera is \$150 and ends in 5h. The Smartphone is \$200 and ends in 3h. The Laptop is \$300 and ends in 1h. The Smartwatch is \$120 and ends in 1d 2h. A status bar at the bottom shows the URL 'localhost:3000/auction/3', system icons, and the date '17-04-2024'.

Auction Item	Time Until End	Price
Digital Camera	5h	\$150
Smartphone	3h	\$200
Laptop	1h	\$300
Smartwatch	1d 2h	\$120



- After scrolling down and clicking on Electronics category user goes to a page where they can browse auctions with a specific category

- And by selecting an auction from the category page they will be redirected to Single auction page

## Testcase 5 : Add bid to an auction

```
test_bid.py > ...
💡 Click here to ask Blackbox to help you code faster
1 # Generated by Selenium IDE
2
3 ✓ from selenium import webdriver
4   from selenium.webdriver.common.by import By
5
6
7   driver = webdriver.Chrome()
8   driver.get("http://localhost:3000/")
9   driver.set_window_size(1552, 832)
10  driver.find_element(By.CSS_SELECTOR, ".col:nth-child(1) > .row:nth-child(2) a").click()
11  driver.find_element(By.CSS_SELECTOR, "a:nth-child(1) .mainImg").click()
12  driver.find_element(By.ID, "bid").click()
13  driver.find_element(By.ID, "bid").send_keys("120")
14  driver.find_element(By.CSS_SELECTOR, "button:nth-child(3)").click()
15  driver.quit()
16
```

- In the single auction page user can place their bid in the input area given below

The screenshot shows a web browser window titled 'React App' displaying an auction page. The URL in the address bar is 'localhost:3000/auction/1'. The page has a dark header with 'Auctioneer' and navigation links for 'Home', 'Auctions', and 'My Auctions'. A search bar and 'Login/Register' buttons are also present. The main content features a large image of a black camera with a lens, labeled 'Camera X350'. To the left of the main image are two smaller thumbnail images of the same camera. Below the main image is the price '\$99.99'. A status message 'Chrome is being controlled by automated test software.' is visible. A timer indicates 'Time Remaining: 0:025'. There is a blue link 'ADD TO WISH LIST'. A 'Bids' section lists 'John Doe - \$99.99' and 'Jane Smith - \$95.00'. A bidding form with a placeholder 'Your Bid: 0' and a 'Place Bid' button is shown. At the bottom, there is a purple 'Pay with Stripe' button. The browser's taskbar at the bottom includes icons for weather (33°C Haze), search, file manager, and various applications like Microsoft Word, Excel, and Google Sheets. The system tray shows network status, battery level, and the date/time '17-04-2024 21:43'.

The screenshot shows a web browser window titled "React App" with the URL "localhost:3000/auction/1". The page displays an auction item for a "Camera X350". On the left, there are two smaller thumbnail images of the camera. The main image shows a black DSLR camera with a lens attached, positioned diagonally. To the right of the image, the item name "Camera X350" is displayed in bold purple text. Below the name is the price "\$99.99" in blue. A descriptive text block follows, containing placeholder text: "Lorem, ipsum dolor sit amet consectetur adipisicing elit. Animi laborum repellat corporis assumenda omnis quaerat itaque earum quidem nesciunt eaque quia". Underneath this is a "Time Remaining: 0:0:1" message. A blue "ADD TO WISHLIST" button is present. The "Bids" section lists "John Doe - \$99.99" and "Jane Smith - \$95.00". A bidding form is shown with a "Your Bid:" input field containing "120" and a "Place Bid" button. At the bottom right is a purple "Pay with Stripe" button.

- After placing the amount (only amount higher than last bid can be placed) user's bid is shown in the bid list.

This screenshot shows the same auction page after a bid has been placed. The main image of the camera remains the same. The price is now listed as "\$120" in blue. The bidding section shows the new bid: "You - \$120.00". The other bids from "John Doe" and "Jane Smith" are still visible. The bidding form now has "0" entered in the "Your Bid:" field. The "Place Bid" button is still present. The "Pay with Stripe" button is also visible at the bottom right.