



**Group No. 30**

**Project Name: Stock Prediction  
GUI Testing**

# GUI Testing Using Selenium IDE

## 1.Home

The screenshot shows the Selenium IDE interface with the following details:

- Project:** Bear & Bulls\*
- Test Case:** Home\*
- URL:** https://share-bb.vercel.app
- Test Steps:**
  - ✓ open /
  - ✓ set window size 1724x994
  - ✓ click linkText=News
  - ✓ click linkText=Price and Analysis
  - ✓ click linkText=Wishlist
  - ✓ click linkText=About us
  - ✓ click linkText=Profile
- Action Bar:** Includes icons for file operations (New, Open, Save, Print, Copy, Paste, Find, Undo, Redo), a search bar, and a refresh button.
- Log Tab:** Shows the execution log with entries like "Running 'Home'", "open on / OK", and "click on linkText=News OK". The log ends with "'Home' completed successfully".
- Reference Tab:** Shows the current URL: https://share-bb.vercel.app.

The screenshot shows a code editor with the following details:

- File:** home.spec.js
- Content:** A block of JavaScript code for a Selenium test case named 'Home'. The code uses the Mocha framework and the Chai assertion library. It sets up a WebDriver instance for Chrome, performs a series of actions (open, set window size, click on various links), and then quits the driver.
- Code Snippet:**

```
// Home GUI testing Using Selenium IDE
const { Builder, By, Key, until } = require('selenium-webdriver')
const assert = require('assert')

describe('Home', function() {
  this.timeout(30000)
  let driver
  let vars
  beforeEach(async function() {
    driver = await new Builder().forBrowser('chrome').build()
    vars = {}
  })
  afterEach(async function() {
    await driver.quit()
  })
  it('Home', async function() {
    // Test name: Home
    // Step # | name | target | value
    // 1 | open | /
    await driver.get("https://share-bb.vercel.app/")
    // 2 | setWindowSize | 1724x994 |
    await driver.manage().window().setRect({ width: 1724, height: 994 })
    // 3 | click | linkText=News |
    await driver.findElement(By.linkText("News")).click()
    // 4 | click | linkText=Price and Analysis |
    await driver.findElement(By.linkText("Price and Analysis")).click()
    // 5 | click | linkText=wishlist |
    await driver.findElement(By.linkText("Wishlist")).click()
    // 6 | click | linkText>About us |
    await driver.findElement(By.linkText("About us")).click()
    // 7 | click | linkText=Profile |
    await driver.findElement(By.linkText("Profile")).click()
  })
})
```
- Editor Tools:** Includes icons for file operations (New, Open, Save, Print, Copy, Paste, Find, Undo, Redo), a search bar, and a refresh button.
- Status Bar:** Shows the current line (Ln 35, Col 1), spaces used (Spaces: 2), encoding (UTF-8), line separator (LF), file type (JavaScript), and a Go Live button.

## 2. Sign in

Project: Bear & Bulls\*

Executing ✓ Signin\*

https://share-bb.vercel.app/login

Command	Target	Value
✓ open	https://share-bb.vercel.app/login	
✓ set window size	1724x1055	
✓ click	name=email	
✓ type	name=email	nishasavaliya471@gmail.com
✓ type	name=password	ASDFG@123
✓ click	css=.btn	

Command Target Value

Run: 1 Failures: 0

Log Reference

```

1. open on https://share-bb.vercel.app/login OK
2. setWindowSize on 1724x1055 OK
3. click on name=email OK
4. type on name=email with value nishasavaliya471@gmail.com OK
5. type on name=password with value ASDFG@123 OK
6. click on css=.btn OK
'Signin' completed successfully
  
```

18:26:25  
18:26:25  
18:26:25  
18:26:25  
18:26:25  
18:26:25  
18:26:25

```

Users > nishasavaliya > Desktop > Bear & Bulls > Selenium codes > JS signin.spec.js > ...
1 // SignIn GUI testing Using Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('SignIn', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('SignIn', async function() {
17     // Test name: SignIn
18     // Step # | name | target | value
19     // 1 | open | https://share-bb.vercel.app/login |
20     await driver.get("https://share-bb.vercel.app/login")
21     // 2 | setWindowSize | 1724x1055 |
22     await driver.manage().window().setRect({ width: 1724, height: 1055 })
23     // 3 | click | name=email |
24     await driver.findElement(By.name("email")).click()
25     // 4 | type | name=email | nishasavaliya471@gmail.com
26     await driver.findElement(By.name("email")).sendKeys("nishasavaliya471@gmail.com")
27     // 5 | type | name=password | ASDFG@123
28     await driver.findElement(By.name("password")).sendKeys("ASDFG@123")
29     // 6 | click | css=.btn |
30     await driver.findElement(By.css(".btn")).click()
31   })
32 })
33
  
```

Ln 1, Col 41 Spaces: 2 UTF-8 LF {} JavaScript Go Live

### 3. News

Project: Bear & Bulls

Tests	+	▶	▷	⟳	⟳	⟳	⟳																																	
Search tests...	<input type="text"/>																																							
https://share-bb.vercel.app/news																																								
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'News_Page' completed successfully	18:47:26																																							

```

JS comment.spec.js   JS futureprediction.spec.js   JS home.spec.js   JS newsPage.spec.js X   JS pastanalysisPage.spec.js   JS priceAnalysisPage.spec.js   ▶   ⚡
Users > nishasavaliya > Desktop > Bear & Bulls > Selenium codes > JS newsPage.spec.js > ...
1 // News Page GUI testing Using Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('News_Page', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('News_Page', async function() {
17     // Test name: News_Page
18     // Step # | name | target | value
19     // 1 | open | https://share-bb.vercel.app/news |
20     await driver.get("https://share-bb.vercel.app/news")
21     // 2 | setWindowSize | 1724x1055 |
22     await driver.manage().window().setRect({ width: 1724, height: 1055 })
23     // 3 | click | css=.chakra-button |
24     await driver.findElement(By.css(".chakra-button")).click()
25     // 4 | click | css=:nth-child(1) > .chakra-button |
26     await driver.findElement(By.css(":nth-child(1) > .chakra-button")).click()
27     // 5 | click | css=.chakra-button |
28     await driver.findElement(By.css(".chakra-button")).click()
29     // 6 | click | css=.chakra-input |
30     await driver.findElement(By.css(".chakra-input")).click()
31     // 7 | type | css=.chakra-input | Netflix
32     await driver.findElement(By.css(".chakra-input")).sendKeys("Netflix")
33     // 8 | sendKeys | css=.chakra-input | $(KEY_ENTER)
34     await driver.findElement(By.css(".chakra-input")).sendKeys(Key.ENTER)
35     // 9 | click | css=.css-930bvt |
36     await driver.findElement(By.css(".css-930bvt")).click()
37     // 10 | click | css=.chakra-modal__content-container |
38     await driver.findElement(By.css(".chakra-modal__content-container")).click()
39   })
40 })

```

Ln 1, Col 44 Spaces: 2 UTF-8 LF {} JavaScript ⌂ Go Live ⌂

## 4. Price and Analysis

The screenshot shows a Selenium IDE session titled "Project: Bear & Bulls\*". The session is executing a script named "Price\_Analysis\_Page". The interface includes a command table, search fields for Command, Target, and Value, and a log section at the bottom.

Command	Target	Value
1 ✓ open	https://share-bb.vercel.app/priceanalysis	
2 ✓ set window size	1724x1055	
3 ✓ click	css=col-lg-4:nth-child(1).btn	
4 ✓ click	css=col-lg-4:nth-child(6).btn	
5 ✓ click	css=col-lg-4:nth-child(4).card-title:nth-child(1)	
6 ✓ mouse over	css=#e-tbr-btn_0 > .e-tbar-btn-text	

**Log:**

1. open on https://share-bb.vercel.app/priceanalysis OK 18:58:27
2. setWindowSize on 1724x1055 OK 18:58:27
3. click on css=col-lg-4:nth-child(1).btn OK 18:58:27
4. click on css=col-lg-4:nth-child(6).btn OK 18:58:27
5. click on css=col-lg-4:nth-child(4).card-title:nth-child(1) OK 18:58:27
6. mouseOver on css=#e-tbr-btn\_0 > .e-tbar-btn-text OK 18:58:27

'Price\_Analysis\_Page' completed successfully 18:58:28

The screenshot shows a code editor with multiple tabs open, including "n.spec.js", "home.spec.js", "newsPage.spec.js", "pastanalysisPage.spec.js", "priceAnalysisPage.spec.js" (the active tab), "signIn.spec.js", and "wishlist.spec.js". The "priceAnalysisPage.spec.js" tab contains the following code:

```

Users > nishasavaliya > Desktop > Bear & Bulls > Selenium codes > priceAnalysisPage.spec.js > ...
1 // Price Analysis page GUI testing Using Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('Price_Analysis_Page', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('Price_Analysis_Page', async function() {
17     // Test name: Price_Analysis_Page
18     // Step # | name | target | value
19     // 1 | open | / |
20     await driver.get("https://share-bb.vercel.app/")
21     // 2 | setWindowSize | 1724x994 |
22     await driver.manage().window().setRect({ width: 1724, height: 994 })
23     // 3 | click | linkText=Price and Analysis |
24     await driver.findElement(By.linkText("Price and Analysis")).click()
25     // 4 | click | css=.col-lg-4:nth-child(4).btn |
26     await driver.findElement(By.css(".col-lg-4:nth-child(4).btn")).click()
27     // 5 | mouseOver | css=.col-lg-4:nth-child(4).col-4 > .text-success |
28     {
29       const element = await driver.findElement(By.css(".col-lg-4:nth-child(4).col-4 > .text-success"))
30       await driver.actions({ bridge: true }).moveToElement(element).perform()
31     }
32   })
33 })
34

```

## 5. Past Analysis

Project: Bear & Bulls

Tests + ✓ Past\_analysis\_Page

https://share-bb.vercel.app/share/RELIANCE.NS

Command	Target	Value
14 ✓ click	css=#31 65508452000_35 > .e-day	
15 ✓ click	css=#31 656067652000_38 > .e-day	
16 ✓ click	css=.e-cancel	
17 ✓ click	id=stockChart_57723_0_indicatorType	
18 ✓ mouse over	id=stockChart_57723_0_indicatorType	
19 ✓ mouse out	id=stockChart_57723_0_indicatorType	
20 ✓ click	id=e-dropdown-btn-item_97	
21 ✓ mouse down at	id=stockChart_57723_0_stockChart_rangeSelector_Select edArea	448,5,32.421875
22 ✓ mouse move at	id=stockChart_57723_0_stockChart_rangeSelector_Select edArea	448,5,32.421875
23 ✓ mouse up at	id=stockChart_57723_0_stockChart_rangeSelector_Select edArea	448,5,32.421875
24 ✓ click	id=stockChart_57723_0_stockChart_rangeSelector_Select edArea	

Command: click Target: id=stockChart\_57723\_0\_indicatorType Value: Description:

Log Reference

```

20. Trying to find id=e-dropdown-btn-item_97.. OK
Warning Element found with secondary locator xpath=/div[@id='stockChart_57723_0_indicatorType-popup']/ul/li[2]. To use it by default, update the test step to use it as the primary locator.
19:11:28
21. mouseDownAt on id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea with value 448,5,32.421875 OK
19:11:58
22. mouseMoveAt on id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea with value 448,5,32.421875 OK
19:11:58
23. mouseUpAt on id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea with value 448,5,32.421875 OK
19:11:58
24. click on id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea OK
19:11:58
'Past_analysis_Page' completed successfully
19:11:58

```

Users > nishasavaliya > Desktop > Bear & Bulls > Selenium codes > **pastanalysisPage.spec.js** ● **priceAnalysisPage.spec.js** OK **signIn.spec.js** ▶

```

// Past analysis page| GUI testing Using Selenium IDE
const { Builder, By, Key, until } = require('selenium-webdriver')
const assert = require('assert')

describe('Past_analysis_Page', function() {
  this.timeout(30000)
  let driver
  let vars
  beforeEach(async function() {
    driver = await new Builder().forBrowser('chrome').build()
    vars = {}
  })
  afterEach(async function() {
    await driver.quit();
  })
  it('Past_analysis_Page', async function() {
    // Test name: Past_analysis_Page
    // Step # | name | target | value
    // 1 | open | https://share-bb.vercel.app/share/RELIANCE.NS |
    await driver.get("https://share-bb.vercel.app/share/RELIANCE.NS")
    // 2 | setWindowSize | 1724x994 |
    await driver.manage().window().setRect({ width: 1724, height: 994 })
    // 3 | mouseOver | css=#e-tbar-btn_2 > .e-tbar-btn-text |
    const element = await driver.findElement(By.css("#e-tbar-btn_2 > .e-tbar-btn-text"))
    await driver.actions({ bridge: true }).moveToElement(element).perform()
    // 4 | runScript | window.scrollTo(0,223) |
    await driver.executeScript("window.scrollTo(0,223)")
    // 5 | click | css=#e-tbar-btn_9 > .e-tbar-btn-text |
    await driver.findElement(By.css("#e-tbar-btn_9 > .e-tbar-btn-text")).click()
    // 6 | mouseOver | css=#e-tbar-btn_9 > .e-tbar-btn-text |
    const element = await driver.findElement(By.css("#e-tbar-btn_9 > .e-tbar-btn-text"))
    await driver.actions({ bridge: true }).moveToElement(element).perform()
    // 7 | mouseOut | css=#e-tbar-btn_9 > .e-tbar-btn-text |
    const element = await driver.findElement(By.CSS_SELECTOR, "body")
  })
})

```

Ln 1, Col 22 Spaces: 2 UTF-8 LF {} JavaScript ⌂ Go Live ⌂

## 6. Future Prediction

Project: Bear & Bulls\*

Tests + D E D O C

Search tests... 🔍

✓ Past\_analysis\_Page  
✓ future\_prediction\*

Command	Target	Value
4 ✓ run script	window.scrollTo(0,340)	
5 ✓ click	css="#e-tbr-btn_15 > .e-tbar-btn-text	
6 ✓ mouse over	id=e-tbr-btn_15	
7 ✓ mouse down at	id=stockChart_57723_0_stockChart_chart_ChartAreaBorder	777.5,170.421875
8 ✓ mouse move at	id=stockChart_57723_0_stockChart_chart_ChartAreaBorder	777.5,170.421875
9 ✓ mouse up at	id=stockChart_57723_0_stockChart_chart_ChartAreaBorder	777.5,170.421875
10 ✓ mouse down at	id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea	0,40.421875
11 ✓ mouse move at	id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea	0,40.421875
12 ✓ mouse up at	id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea	0,40.421875
13 ✓ click	id=stockChart_57723_0_stockChart_rangeSelector_sliders	

Command: click // [ ]

Target: id=stockChart\_57723\_0\_stockChart\_rangeSelector [ ] 🔍

Value:

Description:

Log Reference

```

8. mouseMoveAt on id=stockChart_57723_0_stockChart_chart_ChartAreaBorder with value 777.5,170.421875 OK
9. mouseUpAt on id=stockChart_57723_0_stockChart_chart_ChartAreaBorder with value 777.5,170.421875 OK
10. mouseDownAt on id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea with value 0,40.421875 OK
11. mouseMoveAt on id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea with value 0,40.421875 OK
12. mouseUpAt on id=stockChart_57723_0_stockChart_rangeSelector_SelectedArea with value 0,40.421875 OK
13. click on id=stockChart_57723_0_stockChart_rangeSelector_sliders OK
'future_prediction' completed successfully

```

19:14:54  
19:14:54  
19:14:54  
19:14:54  
19:14:54  
19:14:54  
19:14:54  
19:14:54  
19:14:54

pec.js JS futureprediction.spec.js X JS home.spec.js JS newsPage.spec.js JS pastanalysisPage.spec.js JS priceAnalysisPage.spec.js ● JS signIn.spec.js D [ ] ...

Users > nishasavaliya > Desktop > Bear & Bulls > Selenium codes > JS futureprediction.spec.js > ...

```

1 // Future prediction GUI testing Using Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('future_prediction', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('future_prediction', async function() {
17     // Test name: future_prediction
18     // Step # | name | target | value
19     // 1 | open | https://share-bb.vercel.app/share/RELIANCE.NS |
20     await driver.get("https://share-bb.vercel.app/share/RELIANCE.NS")
21     // 2 | setWindowSize | 1724x994 |
22     await driver.manage().window().setRect({ width: 1724, height: 994 })
23     // 3 | click | id=myBtn |
24     await driver.findElement(By.id("myBtn")).click()
25     // 4 | runScript | window.scrollTo(0,340) |
26     await driver.executeScript("window.scrollTo(0,340)")
27     // 5 | click | css="#e-tbr-btn_15 > .e-tbar-btn-text" |
28     await driver.findElement(By.css("#e-tbr-btn_15 > .e-tbar-btn-text")).click()
29     // 6 | mouseOver | id=e-tbr-btn_15 |
30     {
31       const element = await driver.findElement(By.id("e-tbr-btn_15"))
32       await driver.actions({ bridge: true }).moveToElement(element).perform()
33     }
34     // 7 | mouseDownAt | id=stockChart_57723_0_stockChart_chart_ChartAreaBorder | 777.5,170.421875
35     {
36       const element = await driver.findElement(By.id("stockChart_57723_0_stockChart_chart_ChartAreaBorder"))
37       await driver.actions({ bridge: true }).moveToElement(element).clickAndHold().perform()
38     }
39     // 8 | mouseMoveAt | id=stockChart_57723_0_stockChart_chart_ChartAreaBorder | 777.5,170.421875

```

Ln 1, Col 22 Spaces: 2 UTF-8 LF {} JavaScript Go Live ⌂ ⌂

## 7. Wishlist

Project: Bear & Bulls\*

Tests + D E G S O ↻

Search tests...  🔎

✓ Past\_analysis\_Page  
✓ Wishlist\*  
✓ future\_prediction\*

https://share-bb.vercel.app/Wishlist

Command	Target	Value
1 ✓ open	https://share-bb.vercel.app/Wishlist	
2 ✓ set window size	1724x994	
3 ✓ click	css=.col-12:nth-child(2) > .btn	

Command

Target

Value

Description

Log Reference

Running 'Wishlist'  
 1. open on https://share-bb.vercel.app/Wishlist OK 19:21:16  
 2. setWindowSize on 1724x994 OK 19:21:16  
 3. Trying to find css=.col-12:nth-child(2) > .btn... OK 19:21:16  
 'Wishlist' completed successfully 19:21:17  
 19:21:19

File spec.js JS home.spec.js JS newspage.spec.js JS pastanalysisPage.spec.js JS priceAnalysisPage.spec.js ● JS signin.spec.js JS wishlist.spec.js X

Users > nishasavalya > Desktop > Bear & Bulls > Selenium codes > JS wishlist.spec.js ...

```

1 // Wishlist page GUI testing Using Selenium IDE
2 const { Builder, By, Key, until } = require('selenium-webdriver')
3 const assert = require('assert')
4
5 describe('Wishlist', function() {
6   this.timeout(30000)
7   let driver
8   let vars
9   beforeEach(async function() {
10     driver = await new Builder().forBrowser('chrome').build()
11     vars = {}
12   })
13   afterEach(async function() {
14     await driver.quit();
15   })
16   it('Wishlist', async function() {
17     // Test name: Wishlist
18     // Step # | name | target | value
19     // 1 | open | https://share-bb.vercel.app/Wishlist |
20     await driver.get("https://share-bb.vercel.app/Wishlist")
21     // 2 | setWindowSize | 1724x994 |
22     await driver.manage().window().setRect({ width: 1724, height: 994 })
23     // 3 | click | css=.col-12:nth-child(2) > .btn |
24     await driver.findElement(By.css(".col-12:nth-child(2) > .btn")).click()
25   })
26 })
27

```

Ln 1, Col 48 Spaces: 2 UTF-8 LF {} JavaScript ⚡ Go Live ⌂ ⌂

# **GUI Testing Manually**

**All The Web Pages in the Bear & Bulls Website.**

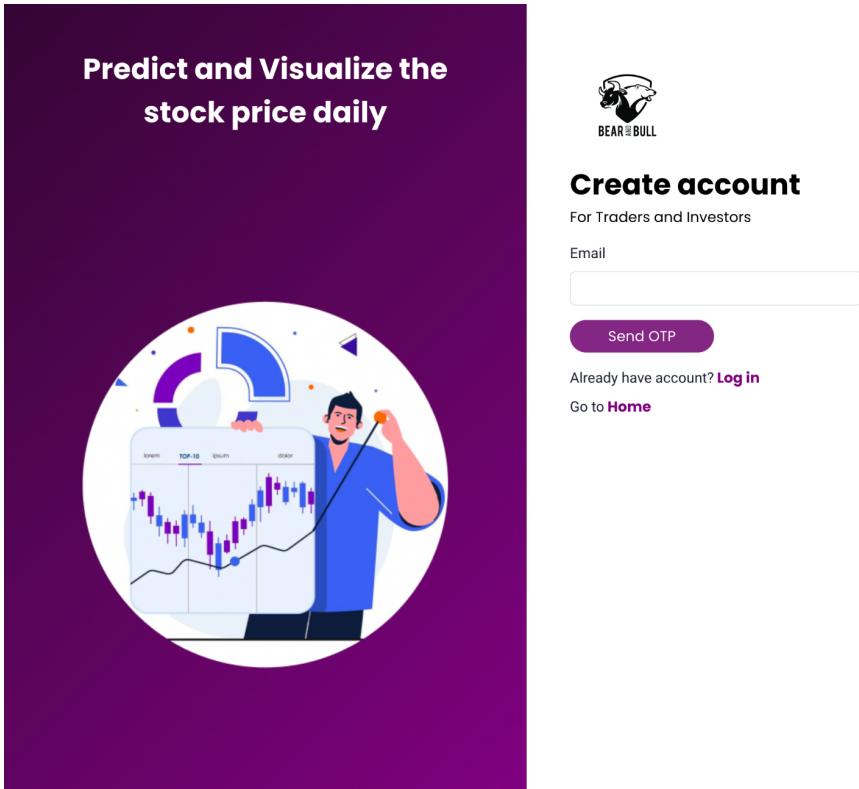
1. Home
2. Sign Up
  - a. Get OTP
3. Sign In
4. Price And Analysis
  - a. Past Analysis
  - b. Future Pridiction
5. Wishlist
6. News
7. Profile
  - a. Change Password
8. About Us

## 1. Home

The screenshot shows the homepage of the BEAR & BULL website. At the top, there is a navigation bar with links for Home, News, Price and Analysis, Wishlist, About us, and Profile, along with Sign Up and Sign In buttons. The main heading is "Stock market analysis for the serious part-time investor". Below it, a sub-copy states: "We use intuitive data visualizations and automated stock analysis to help you understand a stock's fundamentals within minutes." A section titled "A quick guide to our product" features an illustration of a laptop with a "Watch Demo" button. To the left, a section titled "Empower Your Investments" includes a sub-copy: "Unlock the potential of your investments with our cutting-edge predictive analytics. Leverage data-driven insights to make informed decisions and maximize your returns." To the right, there is an illustration of three people interacting with a large screen displaying financial charts. Below this, a central figure of a man in a suit stands next to three small illustrations of upward-trending charts. To the right, a section titled "Empower Your Investment Journey" includes a sub-copy: "Stay updated with stock information. Our user-friendly interface provides seamless access to the latest market news and prediction." At the bottom, there is a footer with sections for Resources (Github, ML Model, Slack, Hosting, Database), Company (About Us, FAQs, Contact Us), and Let's Do It! (social media icons). The footer also contains a copyright notice: "© 2023 All Rights Reserved".

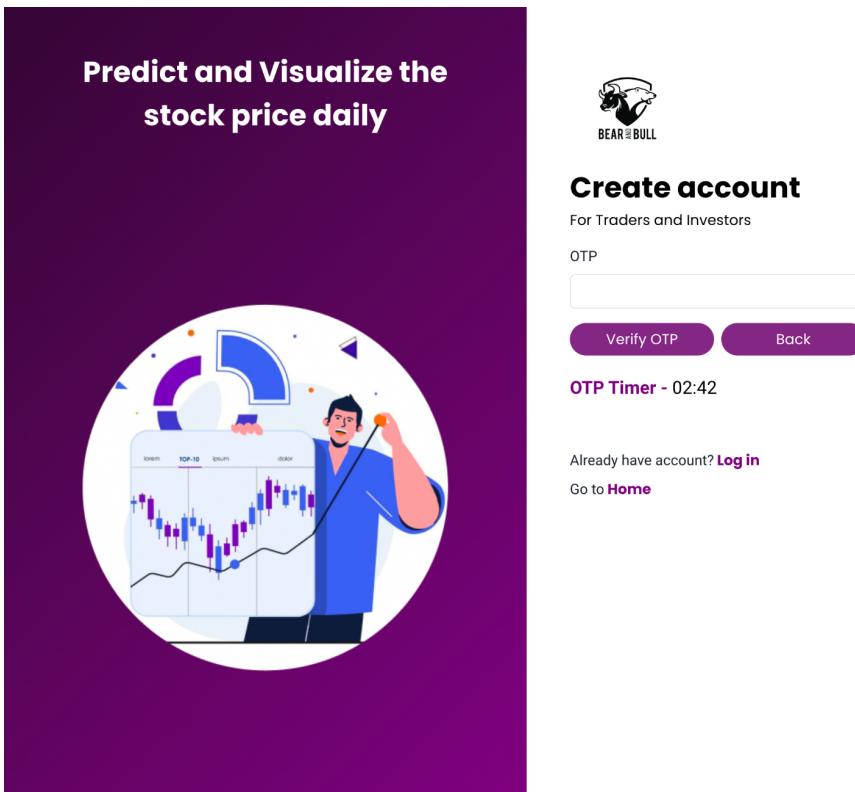
Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Home Button	Not Present
3. News Button	UI - Done, responsive
4. Price and Analysis Button	Working with line hovering effect
5. Wishlist Button	Working with line hovering effect
6. About us Button	Working with line hovering effect
7. Profile Button	Working with line hovering effect
8. Sign up Button	Working with hovering effect
9. Sign in Button	Working with hovering effect
10. Sign out Button	Working with hovering effect
11. Footer hyperlinks	Working
12. Scroll Bar	Working Alright
13. Messege	Appearing fine (log out successful)
14. Image	Appears with perfect resolution
15. Logo	Visible, Doesn't Direct to Home Page (Not needed)

## 2. Sign Up



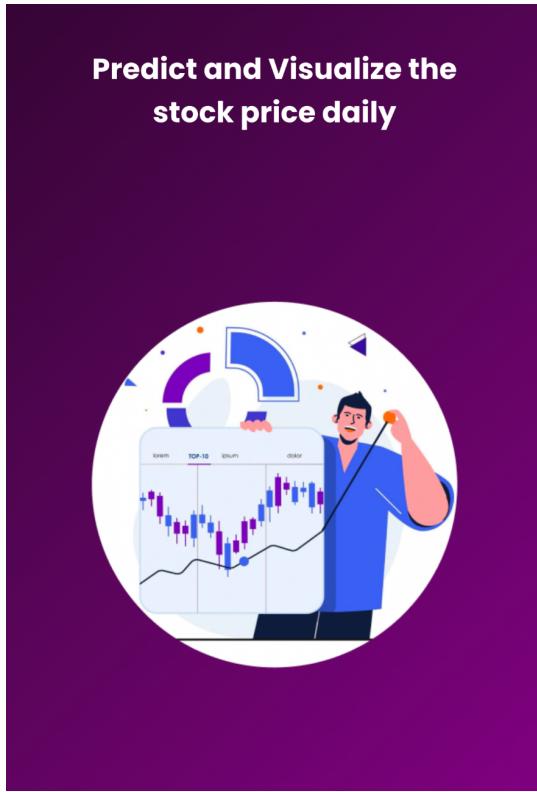
Functionality	Workability
16. Text	Text are in Position, responsive, UI- done
17. Text field - Email	Working (taking inputs)
18. Button - send OTP	Working with line hovering effect
19. Hyperlink - Login	Working Alright
20. Hyperlink - Home	Working Alright
21. Logo	Visible, Doesn't Direct to Home Page (Not needed)
22. Image	Appears with perfect resolution
23. Messege	Working (Invalid email, Email Already registered)

### 3. Get OTP



Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Text field - OTP	Working (taking inputs)
3. Button - verify OTP	Working with line hovering effect
4. Button - Back	Working with line hovering effect
1. Button - Create Account	Working with line hovering effect
5. Hyperlink - log in	Working Alright
6. Hyperlink - Home	Working Alright
7. Timer for OTP	Working Alright
8. Logo	Visible, Doesn't Direct to Home Page (Not needed)
9. Image	Appears with perfect resolution
10. Messegues	Working (Invalid Otp, registered Successesfully)

#### 4. Sign In



## Sign In

Welcome back to the website

Email

Password

[Sign In](#)

Don't have an account? [Sign Up](#)

Go to [Home](#)

[Forgot Password?](#)

Functionality	Workability
11. Text	Text are in Position, responsive, UI- done
12. Text field - Email	Working (taking inputs)
13. Text field - Password	Working (taking inputs)
14. Button - Sign in	Working with line hovering effect
15. Button - Show password (eye)	Working fine
16. Hyperlink - Sign up	Working Alright
17. Hyperlink - Home	Working Alright
18. Hyperlink - Forgot Password	Working Alright
19. Logo	Visible, Doesn't Direct to Home Page (Not needed)
20. Image	Appears with perfect resolution

21. Messege

Working  
(Invalid email, Incorrect password, login  
Successfull)

## 5. Price And Analysis

 BEAR AND BULL

Home News Price and Analysis Wishlist About us Profile Sign Out

Search Stock...

Apple AAPL 	Google GOOGL 	Microsoft MSFT 
\$ 191.24 0.68% ↑ <a href="#">Check Trends →</a>	\$ 131.86 -0.51% ↓ <a href="#">Check Trends →</a>	\$ 374.51 -1.16% ↓ <a href="#">Check Trends →</a>
Reliance Industries RELIANCE.NS 	Infosys INFY.NS 	HDFC Bank HDFCBANK.NS 
₹ 2394.30 0.71% ↑ <a href="#">Check Trends →</a>	₹ 1452.30 -0.20% ↓ <a href="#">Check Trends →</a>	₹ 1555.40 -0.22% ↓ <a href="#">Check Trends →</a>
Tata Consultancy Services TCS.NS 	NIKE NKE 	PARLE INDUSTRIES LIMITED PARLEIND.BO 
₹ 3511.65 0.69% ↑ <a href="#">Check Trends →</a>	\$ 113.48 2.91% ↑ <a href="#">Check Trends →</a>	₹ 7.60 nan% ↓ <a href="#">Check Trends →</a>
Casio Computer CSIOY 	Netflix NFLX 	CocaCola KO 
\$ 83.86 2.16% ↑ <a href="#">Check Trends →</a>	\$ 465.74 -1.74% ↓ <a href="#">Check Trends →</a>	\$ 58.64 0.34% ↑ <a href="#">Check Trends →</a>
Pepsi PEP 	BRITANNIA BRITANNIANS 	MRF MRFNS 

Functionality	Workability
22. Text	Text are in Position, responsive, UI- done
23. Text field - Search	Working (taking inputs)
24. Button - Add to Favorites	Working
25. Button - Check Trends	Working with hovering effect
26. Logo	Visible, redirect to Home Page
27. Image - Stock cards	Appears with perfect resolution (with hovering effects)

## 6. Past Analysis

 BEAR & BULL

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Home News Price and Analysis Wishlist About us Profile Sign Out

**Reliance Industries** RELIANCE.NS Daily High: ₹2396.40 Daily Low: ₹2377.60

₹2394.30 0.71% ↑

Opening Price: ₹2378.00

Circulating Supply: 711421.00

Market Cap: ₹1717053300.30

[Future Prediction](#)

### Past Analysis - Reliance Industries

Last Updated On: 03/12/2023, 22:55:38

**Price Analysis**

Indicators ▾ 1M 3M 6M 1Y **2Y** All Date Range Export ▾

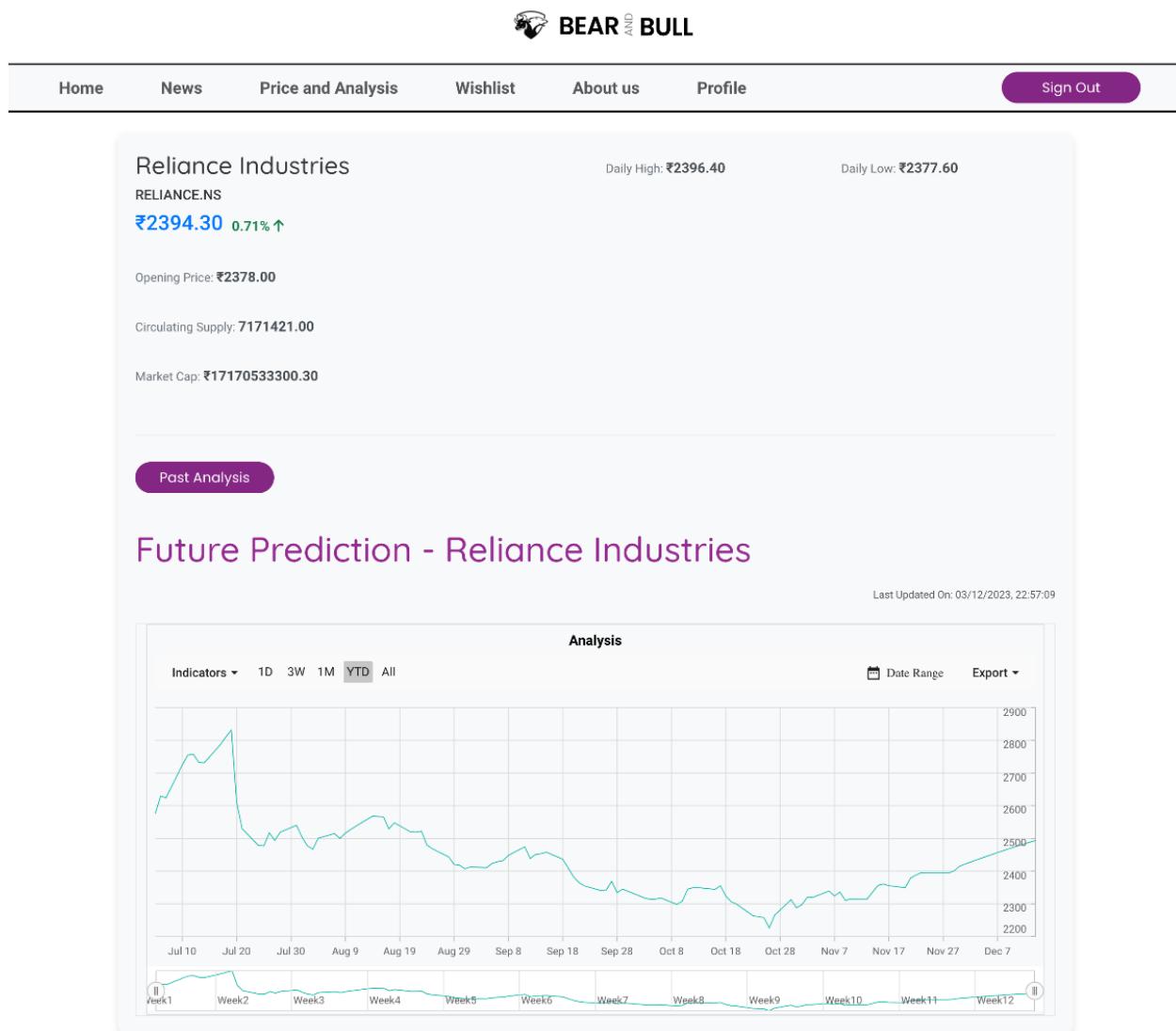


Add Comment

[Add comment](#) [Clear](#)

Functionality	Workability
28. Text	Text are in Position, responsive, UI- done
29. Text field - Add Comments	Working (taking inputs)
30. Button - Future Prediction	Working with line hovering effect
31. Button - Add Comment	Working with line hovering effect
32. Button - Clear	Working with line hovering effect
33. Drop Down - Indicators	Working for every option
34. Drop Down - Export	Working for every option
35. Drop Down - Date Range	Working every date range with UI effect
36. Logo	Visible, redirect to Home Page
37. Graph	Appears with perfect resolution - with scrolling feature, Shows high, low, open, close feature and month year while hovering on graph points.
38. Messege	Working (Please enter non empty Comment)
39. Scroll bar - View Other Comments	Working Alright
40. Scroll bar - Horizontal scroller for graph	Working Fine include month visibility in it

## 7. Future Prediction



Add Comment

Add comment

Clear

Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Text field - Add Comments	Working (taking inputs)
3. Button - Past Analysis	Working with line hovering effect
4. Button - Add Comment	Working with line hovering effect
5. Button - Clear	Working with line hovering effect
6. Drop Down - Indicators	Working for every option
7. Drop Down - Export	Working for every option
8. Drop Down - Date Range	Working every date range with UI effect
9. Logo	Visible, redirect to Home Page
10. Graph	Appears with perfect resolution - with scrolling feature, Shows predicted stock value while hovering at the particular point.
11. Messege	Working (Please enter non empty Comment)
12. Scroll bar - View Other Comments	Working Alright
13. Scroll bar - Horizontal scrller for graph	Working Fine include month visibility in it

## 8. Wishlist

The screenshot shows the 'Your Wishlist' section of the BEAR AND BULL website. At the top, there is a navigation bar with links for Home, News, Price and Analysis, Wishlist (which is underlined), About us, Profile, and Sign Out. Below the navigation bar is a search bar with the placeholder 'Search anything...'. The main content area displays three cards representing stocks in the wishlist:

- Apple** (AAPL) - Rating: ★  
Price: \$ 191.24  
Change: 0.68% ↑  
Trend: Check Trends →
- Tata Consultancy Services** (TCS.NS) - Rating: ★  
Price: ₹ 3511.65  
Change: 0.69% ↑  
Trend: Check Trends →
- Infosys** (INFY.NS) - Rating: ★  
Price: ₹ 1452.30  
Change: -0.20% ↓  
Trend: Check Trends →

At the bottom of the page, there is a footer section with the BEAR AND BULL logo, links to Resources (GitHub, ML Model, Slack, Hosting, Database), Company links (About Us, FAQs, Contact Us), and social media icons for LinkedIn, GitHub, and YouTube. A copyright notice at the bottom left states: © 2023 All Rights Reserved.

Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Text field - Search	Working (taking inputs)
3. Button - Remove favorite	Working
4. Logo	Visible, redirect to Home Page

5. Image - Stock card	Appears with perfect resolution (with hovering effects)
6. Messege	Working (IRemoved from favorites)

## 9. News

 BEAR AND BULL

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Home    **News**    Price and Analysis    Wishlist    About us    Profile    [Sign Out](#)

▼



Benton Resources  
(CVE:BEX) Trading Up  
33.3%

Insider Buying:  
NanoXplore Inc.  
(TSE:GRA) Director  
Purchases 10,000  
Shares of Stock



We understand your world

William Blair  
Investment  
Management LLC  
Purchases 91,936  
Shares of HDFC Bank  
Limited (NYSE:HDB)



William Blair  
Investment  
Management LLC  
Purchases 47,515  
Shares of NIKE, Inc.  
(NYSE:NKE)



Konnect Trading Up  
35.5% This Week (KCT)

Ethereum Classic  
Reaches 24-Hour  
Trading Volume of  
\$146.41 Million (ETC)



Continuum Finance 1-  
Day Volume Reaches  
\$72,666.66 (CTN)

Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Text field - Company name	Working (taking inputs)
3. Button - Filter news by Company	Working with hovering effect

4. Button - News cards	Working with hovering effect, Text alignment is perfect.
5. Button - Company name (eg. HDFC)	Working with hovering effect
6. Logo	Visible, redirect to Home Page

## 10. Profile

The screenshot displays the profile section of a financial application. At the top, there's a navigation bar with links for Home, News, Price and Analysis, Wishlist, About us, and Profile (which is currently selected and underlined). To the right of the navigation is a 'Sign Out' button. On the left side, there's a sidebar with a user icon, the username 'ns3370', and contact information: 'nishasavaliya471@gmail.com' and '9054848232'. It also shows the member since date as '2023-11-27'. Below the sidebar are three buttons: 'Profile' (highlighted in pink), 'My Comments', and 'Change Password'. The main content area is titled 'Profile' and contains several input fields for personal information: Name (with 'Test' entered), Occupation (empty), DOB (02/12/1999), City (abd), State (cjkjh), Pin Code (742379), Gender (Other), and Country (empty). At the bottom of this section is a blue 'Edit Profile' button.

Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Text field - Email	Working (taking inputs)
3. Text field - Password	Working (taking inputs)
4. Button - Edit Profile	Working with line hovering effect

5. Button - My Comments	Working with line hovering effect
6. Button - Change Password	Working with line hovering effect
7. Logo	Visible, redirect to Home Page
8. Image	Appears with perfect resolution
9. Messege	Working (invalid DOB, Invalid Pincode, Profile Edited Successfully)

## 11. Change Password

The screenshot shows the BEAR AND BULL website's user profile section. On the left, there is a circular profile picture of a person working on a laptop displaying financial charts. Below the picture, the username "ns3370" is displayed, along with the email "nishasavaliya471@gmail.com" and the phone number "9054848232". It also shows the member since date "Member since : 2023-11-27". On the right, the "Change Password" page is open. It has three input fields: "Old Password", "New Password", and "Confirm Password". Below these fields, there is a list of validation errors: "Password has a capital letter.", "Password has special characters.", "Password has at least 8 characters.", "Password has a number.", and "Passwords match." At the bottom of the page, there is a purple "Change Password" button.

Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Text field - Old Password	Working (taking inputs)
3. Text field - New Password	Working (taking inputs)

4. Text field - Confirm Password	Working (taking inputs)
5. Button - Show password (eye)	Working fine
6. Button - Profile	Working with line hovering effect
7. Button - My Comments	Working with line hovering effect
8. Button - Change Password	Working with line hovering effect
9. Logo	Visible, redirect to Home Page
10. Image	Appears with perfect resolution
11. Messege	Working (old password required, password don't match, password change successfully)

## 12. About Us

Functionality	Workability
1. Text	Text are in Position, responsive, UI- done
2. Button - Github	Working with line hovering effect
3. Button - Linked in	Working with line hovering effect
4. Logo	Visible, redirect to Home Page
5. Image	Appears with perfect resolution

  
[Home](#)   [News](#)   [Price and Analysis](#)   [Wishlist](#)   [About us](#)   [Profile](#)   [Sign Out](#)

We ❤️ what we do

**Discover the Story Behind Our Passion for Profits:  
Unveiling the Magic Behind Your Financial Future**



**Experience Stock Predictions like Never Before. Your Journey to  
Unveiling Tomorrow's Opportunities**

We are a team of passionate students from DAIICIT College, embarking on this software project assigned by our professor, Saurabh Tiwari. While we may not have years of professional experience, we are enthusiastic and dedicated to delivering a great product under our professor's guidance.

  
**Use Anytime:**  
 Our website is accessible 24/7, allowing you to check stock patterns and predictions at your convenience. Whether you're an early bird or a night owl, you can access valuable insights whenever it suits you.

  
**Real-time Updates:**  
 Stay informed about the latest stock trends and predictions as our platform provides real-time data and analysis, enabling you to make timely decisions.

  
**Educational Resource:**  
 Utilize our Newbie Manual to enhance your stock market knowledge. It's a valuable resource for both beginners and experienced investors, offering insights, tips, and tutorials to help you make informed choices.

  
**Personalized Portfolio:**  
 Create and manage your personalized portfolio effortlessly. Monitor your investments and track their performance over time, all in one place.

  
**Interactive Community:**  
 Engage with a vibrant community of fellow investors. Share your thoughts, get feedback, and discuss strategies with like-minded individuals through our Comments and Feedback sections.

  
**User-driven Improvements:**  
 Your feedback matters. We are constantly working to enhance the website based on user input. Your suggestions and comments play a crucial role in shaping the future of our platform.

## Our Team Members

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