

## Feature: Add Planet and Moon Data

As a user I want to add new planets and moons to the Planetarium so I can update my findings

### Background: Starting Actions

✖ **Given** the user is logged in on the home page

```
org.openqa.selenium.UnhandledAlertException: unexpected alert open: {Alert text : invalid moon name}
(Session info: chrome=131.0.6778.205): invalid moon name
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [95ef49c86c1501a2d16b84839d7c1cfe, get {url=http://localhost:8080/}]
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedriverV
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:136)
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:50)
    at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:190)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:216)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:174)
    at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:527)
    at org.openqa.selenium.remote.RemoteWebDriver.get(RemoteWebDriver.java:302)
    at com.revature.poms.LoginPage.setUpLoggedInUser(LoginPage.java:30)
    at com.revature.steps.ViewSteps.the_user_is_logged_in_on_the_home_page(ViewSteps.java:14)
    at *.the user is logged in on the home page(classpath:features/AddCelestialObjects.feature:5)
```



### Scenario Outline: The user can only add planets with valid planet data

- ✓ **When** the user selects the planet option
- ✓ **And** the user provides new valid planet data "<Planetname>"
- ✓ **And** the user hits submit
- ✖ **Then** the table refreshes "<Planetname>"

- And the user is redirected to the homepage

## Examples:



```
org.openqa.selenium.UnhandledAlertException: unexpected alert open: {Alert text : Invalid planet name}
(Session info: chrome=131.0.6778.205): Invalid planet name
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [95ef49c86c1501a2d16b84839d7c1cfe, getTitle {}]
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedrive
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:136)
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:50)
    at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:190)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:216)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:174)
    at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:527)
    at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:600)
    at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:604)
    at org.openqa.selenium.remote.RemoteWebDriver.getTitle(RemoteWebDriver.java:307)
    at org.openqa.selenium.support.ui.ExpectedConditions$1.apply(ExpectedConditions.java:55)
    at org.openqa.selenium.support.ui.ExpectedConditions$1.apply(ExpectedConditions.java:50)
    at org.openqa.selenium.support.ui.FluentWait.until(FluentWait.java:203)
    at com.revature.steps.AddCelestial.the_table_refreshes(AddCelestial.java:43)
    at *.the table refreshes "90Zeus-12 Aries_5"(classpath:features/AddCelestial0bjects.feature:12)
```



a



## Scenario Outline: The user can only add moons with valid moon data

- When the user selects the moon option
- And the user provides a moonname "<Moonname>"

- ✓ **And** the user provides a planet id "<PlanetId>"
- ✓ **And** the user hits submit
- ✓ **Then** the table updates moonname "<Moonname>"
- ✓ **And** the user is redirected to the homepage

### Examples:

	Moonname	PlanetId
✓	Eureka-3 Fire_2	1
✓	90Champion	2
✓	Hermes-2 Lion-1	3

**Scenario Outline:** The user can not add planets with invalid planet data

- ✓ **When** the user selects the planet option
- ✓ **And** the user provides invalid planet data "<Planetname>"
- ✓ **And** the user hits submit
- ✓ **Then** the user should get a browser alert "<alert>"
- ✓ **And** the user is redirected to the homepage

### Examples:

	Planetname	alert
✓	Cleopatra)))!!	Invalid planet name
✓	Zeusisthefarthestfromthesun123456	Invalid planet name
✓		Invalid planet name
✓	Earth	Invalid planet name

**Scenario Outline:** The user can not add moons with invalid moon name

- **When** the user selects the moon option

- And the user provides a moonname "<Moonname>"
- And the user provides a planet id "<PlanetId>"
- And the user hits submit
- ✗ Then the user should get a browser alert for moon "<alert>"
- And the user is redirected to the homepage

## Examples:



```
org.junit.ComparisonFailure: expected:<[I]nvalid moon name> but was:<[i]nvalid moon name>
    at org.junit.Assert.assertEquals(Assert.java:117)
    at org.junit.Assert.assertEquals(Assert.java:146)
    at com.revature.steps.AddCelestial.the_user_should_get_a_browser_alert_for_moon(AddCelestial.java:105)
    at *.the user should get a browser alert for moon "Invalid moon name"(classpath:features/AddCelestialObjec
```



```
org.openqa.selenium.UnhandledAlertException: unexpected alert open: {Alert text : invalid moon name}
(Session info: chrome=131.0.6778.205): invalid moon name
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [95ef49c86c1501a2d16b84839d7c1cfe, get {url=http://localhost:8080/}]
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedrive
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:136)
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:50)
    at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:190)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:216)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:174)
    at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:527)
    at org.openqa.selenium.remote.RemoteWebDriver.get(RemoteWebDriver.java:302)
    at com.revature.poms.LoginPage.setUpLoggedInUser(LoginPage.java:30)
```

```
at com.revature.steps.ViewSteps.the_user_is_logged_in_on_the_home_page(ViewSteps.java:14)
at *.the user is logged in on the home page(classpath:features/AddCelestialObjects.feature:5)
```

✓ Krypton)))))!!

## Scenario Outline: The user can not add moons with invalid planet id

- ✓ **When** the user selects the moon option
- ✓ **And** the user provides a moonname "<Moonname>"
- ✓ **And** the user provides a planet id "<PlanetId>"
- ✓ **And** the user hits submit
- ✓ **Then** the user should get a browser alert "<alert>"
- ✓ **And** the user is redirected to the homepage

### Examples:

	Moonname	PlanetId	alert
✓	Kryptonite3	300	Invalid planet id

✓ ✓ classpath:features/Login.feature

@US2 @SR1 @SR3 @UR1 @UR2 @UR3 @UR4 @UR5 @UR6

## Feature: User Login

As a user I want to securely access my account so I can interact with the Planetarium in a secure environment

### Background: Login Starting Actions

- ✓ **Given** the user is on the login page

## Scenario Outline: Password characters are not visible

- ✓ **When** the user provides password "<password>"
- ✓ **Then** the password will never be visible in plain text

### Examples:

	username	password	alert
✓	Batman	Krypton-was_2000	Invalid credentials

## Scenario: The user can only see the homepage when logged in

- ✓ **When** the user provides a valid username
- ✓ **And** the user provides a valid password
- ✓ **And** the user submits the credentials
- ✓ **And** then the user has logged out of the secure environment
- ✓ **Then** the user can't see the homepage

## Scenario Outline: The user can't log in with invalid credentials

- ✓ **When** the user provides username "<username>"
- ✓ **And** the user provides password "<password>"
- ✓ **And** the user submits the credentials
- ✓ **Then** the user should get a browser alert saying "<alert>"
- ✓ **And** the user should be redirected to the login page

### Examples:

	username	password	alert
✓	Batman	Krypton-was_2000	Invalid credentials
✓	Ca12	Iamthenight1939	Invalid credentials

✓ ✗ classpath:features/Registration.feature

@US1 @SR1

## Feature: User Registration

As a new user I want to open an account with the Planetarium so I can save my celestial findings

### Background: Registration Starting Actions

- ✓ Given the user is on the login page
- ✓ And the user clicks the register link

### Scenario: Users can register a new account with valid credentials

- ✓ When the user provides a valid username
- ✓ And the user provides a valid password
- ✓ And the user submits the credentials
- ✗ Then the user should get a browser alert saying "Account created successfully"

```
org.openqa.selenium.TimeoutException: Expected condition failed: waiting for alert to be present (tried for 2 second(
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedriverV
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.support.ui.WebDriverWait.timeoutException(WebDriverWait.java:84)
    at org.openqa.selenium.support.ui.FluentWait.until(FluentWait.java:228)
    at com.revature.steps.RegistrationSteps.the_user_should_get_a_browser_alert_saying(RegistrationSteps.java:46)
    at *.the user should get a browser alert saying "Account created successfully"(classpath:features/Registratic
```

- And the user should be redirected to the login page

@UR1 @UR2 @UR3 @UR4 @UR5 @UR6

### Scenario Outline: Users can not register a new account with invalid credentials

- ✓ **When** the user provides username "<username>"
- ✓ **And** the user provides password "<password>"
- ✓ **And** the user submits the credentials
- ✗ **Then** the user should get a browser alert saying "<alert>"
- **And** the user should stay on the registration page

## Examples:

✗ Batman

```
org.openqa.selenium.TimeoutException: Expected condition failed: waiting for alert to be present (tried for 2 seconds)
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedriverVersion: 131.0.6778.205, userDataDir: C:\Users\user\AppData\Local\Temp\scoped_dir1012_1012}, platformName: windows, proxy: {}, setWindowRect: true, strictFileInteractability: false, timeouts: {default: 300000}, unhandledPromptBehavior: dismissAndAlert}
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.support.ui.WebDriverWait.timeoutException(WebDriverWait.java:84)
    at org.openqa.selenium.support.ui.FluentWait.until(FluentWait.java:228)
    at com.revature.steps.RegistrationSteps.the_user_should_get_a_browser_alert_saying(RegistrationSteps.java:4)
    at *.the user should get a browser alert saying "Invalid username"(classpath:features/Registration.feature)
```



joker!!!!!!?)








✓ ✖ classpath:features/RemoveCelestialObjects.feature

**Feature:** Delete Planet and Moon Data

As a user I want to delete planets and moons in the Planetarium so I can correct my findings

**Background:** Starting Actions

✓ **Given** the user is logged in on the home page

**Scenario Outline:** The user can only delete planets with valid planet names

- ✓ **When** the user selects the planet option
- ✓ **And** the user provides planet data for deletion "<Planetname>"
- ✓ **And** the user hits submit to delete
- ✓ **Then** the celestial object is deleted and the table refreshes "<Planetname>"
- ✓ **And** the user is redirected to the homepage

**Examples:**



Planetname
Zeus-12 Aries_5
a
Aphrodite85

## Scenario Outline: The user can only delete moons with valid moon names

- ✓ **When** the user selects the moon option
- ✓ **And** the user provides moon data for deletion "<Moonname>"
- ✓ **And** the user hits submit to delete
- ✗ **Then** the celestial object is deleted and the table refreshes "<Moonname>"
- ▣ **And** the user is redirected to the homepage

### Examples:

✓	
✗	

```
org.openqa.selenium.UnhandledAlertException: unexpected alert open: {Alert text : Invalid moon name}
(Session info: chrome=131.0.6778.205): Invalid moon name
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [95ef49c86c1501a2d16b84839d7c1cfe, findElements {using=tag name, value=td}]
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedrive
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:136)
    at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:50)
    at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:190)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:216)
    at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:174)
    at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:527)
    at org.openqa.selenium.remote.ElementLocation$ElementFinder$2.findElement(ElementLocation.java:182)
    at org.openqa.selenium.remote.ElementLocation.findElement(ElementLocation.java:103)
    at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:370)
    at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:364)
    at org.openqa.selenium.support.pagefactory.DefaultElementLocator.findElement(DefaultElementLocator.java:83)
    at org.openqa.selenium.support.pagefactory.internal.LocatingElementListHandler.invoke(LocatingElementListHa
    at com.sun.proxy.$Proxy16.size(Unknown Source)
    at com.revature.steps.RemoveCelestial.theCelestialObjectIsDeletedAndTheTableRefreshes(RemoveCelestial.java:
    at *.the celestial object is deleted and the table refreshes "Hermes-2 Lion-1"(classpath:features/RemoveCe
```

## Scenario Outline: The user can not delete planets with invalid planet names

- ✔ **When** the user selects the planet option
- ✔ **And** the user provides planet data for deletion "<Planetname>"
- ✖ **Then** the user should get a browser alert "<alert>"
- 🔵 **And** the user is redirected to the homepage

### Examples:




```
org.openqa.selenium.TimeoutException: Expected condition failed: waiting for alert to be present (tried for 2 seconds)
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedrive
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.support.ui.WebDriverWait.timeoutException(WebDriverWait.java:84)
    at org.openqa.selenium.support.ui.FluentWait.until(FluentWait.java:228)
    at com.revature.steps.AddCelestial.the_user_should_get_a_browser_alert(AddCelestial.java:89)
    at *.the user should get a browser alert "Invalid planet name"(classpath:features/RemoveCelestialObjects.feature)
```

## Scenario Outline: The user can not delete moons with invalid moon names

- ✓ **When** the user selects the moon option
- ✓ **And** the user provides moon data for deletion "<Moonname>"
- ✗ **Then** the user should get a browser alert for moon "<alert>"
- **And** the user is redirected to the homepage

## Examples:

✗

```
org.openqa.selenium.TimeoutException: Expected condition failed: waiting for alert to be present (tried for 2 seconds)
Build info: version: '4.23.0', revision: '4df0a231af'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '11.0.25'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 131.0.6778.205, chrome: {chromedrive
Session ID: 95ef49c86c1501a2d16b84839d7c1cfe
    at org.openqa.selenium.support.ui.WebDriverWait.timeoutException(WebDriverWait.java:84)
    at org.openqa.selenium.support.ui.FluentWait.until(FluentWait.java:228)
    at com.revature.steps.AddCelestial.the_user_should_get_a_browser_alert_for_moon(AddCelestial.java:101)
    at *.the user should get a browser alert for moon "Invalid moon name"(classpath:features/RemoveCelestialObjects.feature)
```

✓ ✓ classpath:features/ViewOwnedResources.feature

@US3 @SR2 @SR3

## Feature: View User Planets and Moons

As a user I want to see my planets and moons added to the Planetarium so I can track my findings

@PR4 @MR4

### Scenario: Login should allow for viewing owned resources

- ✓ **Given** the user is logged in on the home page
- ✓ **Then** they should see their planets and moons

### Scenario: Users not logged in should not be able to view the home page and its resources

- ✓ **Given** the user is not logged in
- ✓ **When** the user tries to directly access the home page
- ✓ **Then** the user should be denied access