CASE STUDY

Name: Sriya Nukala

Git Repo Link: GitHub - sriya-nukala/CaseStudy

Website (OrangeHRM) : https://opensource-demo.orangehrmlive.com/web/index.php/auth/login

User stories of OrangeHRM Website

User Story 1:

Title: LOGIN PAGE

As a user, I should be directed to the Login page upon clicking the application URL. In the Login page, the username and password fields should be available to enter my credentials. A login button should be present to submit the credentials and a 'forgot your password' link should be enabled.

ACCEPTANCE CRITERIA: Both the username and password fields should be editable, and the login button should be clickable. The 'forgot password' link should be clickable to reset the password.

Test Data:

Valid USERNAME: Admin

Valid PASSWORD: admin123

Estimate: 2

Priority: 1

TEST CASES :

TC001-

Description: To check whether the user can enter credentials

Given the user is able to access the OrangeHRM website (https://opensourcedemo.orangehrmlive.com/web/index.php/auth/login).

When user clicks on the "username" and "password" fields

Then user should be able to type the username and password.

TC002-

Description: To check whether the password field is masked

Given the user is able to access the OrangeHRM website (https://opensourcedemo.orangehrmlive.com/web/index.php/auth/login).

When user clicks on the “password” field and starts typing the password

Then the password should be displayed as masked (i.e. dots)

TC003-

Description: To check with Valid username and Valid password

Given the user is able to access the OrangeHRM website (https://opensourcedemo.orangehrmlive.com/web/index.php/auth/login).

When user enters valid username and password and clicks on the login button

Then user should be redirected to the Dashboard page.

TC004-

Description: To check with invalid credentials

Given the user is able to access the OrangeHRM website (https://opensourcedemo.orangehrmlive.com/web/index.php/auth/login).

When user enters invalid username and valid password / valid username and invalid password/ invalid username and invalid password

Then ‘Invalid credentials’ message should appear.

TC005-

Description: To check whether the Login button works properly

Given the user enters valid username and password

When the user clicks on the Login button

Then user should be redirected to the Dashboard page.

User Story 2:

Title: User profile Dropdown menu

As a user of OrangeHRM website, when I click on the profile button a dropdown menu should appear.

ACCEPTANCE CRITERIA:

- The profile button should display the user's avatar and name.
- When clicked the dropdown menu should appear with the following options – About, Support, Change Password, Logout
- Each sub option should be clickable and lead to respective functionality

Estimate: 3

Priority: 1

TEST CASES:

TC006-

Description: Verify that the profile button with the user's avatar and name is visible when the user is logged in.

Given the user is logged into the application.

When the user navigates to the homepage or dashboard.

Then the profile button with the user's avatar and name should be visible in the top right corner of the screen.

TC007-

Description: Verify that clicking the profile button opens the dropdown menu.

Given the user is logged in, and the profile button is visible.

When the user clicks on the profile button.

Then the dropdown menu should appear, displaying options: "About," "Support," "Change Password," and "Logout."

TC008-

Description: Verify that the dropdown menu closes when the user clicks outside of it.

Given the profile dropdown menu is open.

When the user clicks outside of the dropdown menu.

Then the dropdown menu should close.

TC009-

Description: Verify that clicking on the "Logout" option logs the user out of the application.

Given the user is logged in, and the profile dropdown menu is open.

When the user clicks on the "Logout" option.

Then the user should be logged out and redirected to the login page.

TC010 –

Description: Verify that after changing the password user should navigate to Login Screen.

Given the user has filled details such as Current password, Password, Confirm password on Change password page.

When the user clicks on the save.

Then the user should be navigated to Login screen.

User Story 3:

Title: Employee Directory Search Functionality

As a user of OrangeHRM website, I want to access the Directory sub-option to search for employees based on their name, job title, or location.

ACCEPTANCE CRITERIA:

- Clicking on the Directory opens a search interface.
- The user should be able to search by Employee name, Job title and location.
- Upon clicking the Search button, matching employee records should be displayed below the search interface.

  Estimate: 3
  Priority: 1

TEST CASES:

TC011-

Verify that the user can access the Directory sub-option from the left navigation panel.

Given the user is logged into the application.

When the user clicks on the Directory sub-option in the left navigation panel.

Then the user should be redirected to the directory page with the search filters and search button visible.

TC012-

Description: Verify that the application displays an appropriate message if no matching records are found.

Given the user has applied search criteria that do not match any employee records.

When the user clicks the Search button.

Then a message stating "No records found" should be displayed, and no employee records should appear.

TC013-

Description: Verify that the user can reset the search filters to their default values.

Given the user has applied some search filters (name, job title, or location) on the directory page.

When the user clicks the Reset button.

Then all search filters should be cleared, and the fields should be reset to their default states.

TC014-

Description: Verify that the user can filter the directory search by job title.

Given the user is on the directory page.

When the user selects a Job Title from the dropdown list and clicks the Search button.

Then the search results should display employees who match the selected job title.

TC015-

Description: Verify that the user can filter the directory search by location.

Given the user is on the directory page.

When the user selects a Location from the dropdown list and clicks the Search button.

Then the search results should display employees who are assigned to the selected location.

User Story 4:

Title: Buzz page Functionality

As an employee, I want to use the Buzz page in OrangeHRM so that I can engage with my colleagues by posting updates, sharing achievements, and commenting on posts.

ACCEPTANCE CRITERIA:

- Buzz Page Accessibility: The user should be able to access the Buzz page by clicking on the “Buzz” link in the sidebar. Upon clicking, the user should be redirected to the Buzz page.
- Post an Update: The user should be able to type a message in the “What’s on your mind?” text box.
- The user should be able to upload photos and videos by clicking on "Share photos" or "Share videos.
- Clicking the “Post” button should add the message to the Buzz feed, making it visible to all employees.
- The user should be able to click the “Heart” icon on any post to like a post.
- Comment on a Post: The user should be able to click the “Comment” icon on any post to comment on it.
- After typing a comment and clicking “Submit,” the comment should be added to the post and visible to all employees.
- Share a post: The user should be able to click "Share" icon to share it under their name.

Estimate : 3

Priority: 1

TEST CASES:

TC016-

Description: Buzz Page Accessibility

Given the user is logged into OrangeHRM.

When the user clicks on the “Buzz” link in the sidebar.

Then the user should be redirected to the Buzz page.

TC017-

Description: Post an Update Functionality in Buzz page

Given the user is on the Buzz page.

When the user types a message in the “What’s on your mind?” text box and clicks the “Post” button.

Then the message should be added to the Buzz feed and visible to all employees.

TC018-

Description: Uploading Photos and Videos Functionality in Buzz page

Given the user is on the Buzz page.

When the user clicks on “Share photos” or “Share videos” and uploads a file.

Then the photo or video should be attached to the post.

TC019-

Description: Color of the heart icon should change on hovering.

Given the user is on the Buzz page.

When the user hovers on the “Heart” icon on a post.

Then the color of the heart should change representing that heart icon is clickable.

TC020-

Description: Comment on a Post

Given the user is on the Buzz page.

When the user clicks the “Comment” icon on a post, types a comment, and clicks “Submit”.

Then the comment should be added to the post and visible to all employees.

TC021-

Description: Share a Post

Given the user is on the Buzz page.

When the user clicks the “Share” icon on a post.

Then the post should be shared under the user’s name.

User Story 5:

Title: Accessing Admin/User Management from Dashboard

Description:

As an admin user of OrangeHRM website,

I want to access the user management page from the dashboard,

so that I can manage system users efficiently.

ACCEPTANCE CRITERIA:

- The admin icon should be visible in the sidebar of the dashboard.
- When the admin clicks on the icon, it should open the "Admin/User Management" page.
- The "Admin/User Management" page should display filters such as:
    1. Username
    2. User Role
    3. Employee Name
    4. Status
- The admin should be able to filter users by inputting values into the search fields and pressing the "Search" button.
- The system should display the filtered user results below the search fields, showing relevant information such as Username, User Role, Employee Name, and Status.
- The admin should have the ability to reset the search criteria by pressing the "Reset" button.
- The admin should be able to add new users by clicking the "+ Add" button.

Estimation: 5

Priority: 1

TESTCASES:

TC022-

Description: Visibility of admin Icon

Given the user is logged in to the OrangeHRM Website

When the user is on the dashboard page

Then the admin icon should be visible in the sidebar

TC023-

Description: Navigation to Admin/User Management Page

Given the user is logged in to the OrangeHRM Website

When the user clicks on the admin icon in the sidebar

Then the system should navigate to the "Admin/User Management" page

TC024-

Description: Filters Display on Admin/User Management Page

Given the user is on the "Admin/User Management" page

Then the page should display the following filters:

1) Username
2) User Role
3) Employee Name
4) Status

TC025-

Description: Filtering Users

Given the user is on the "Admin/User Management" page

When the user enters values in the filters (Username, User Role, Employee Name, Status)

And the user clicks on the "Search" button

Then the system should display filtered results showing relevant information such as Username, User Role, Employee Name, and Status

TC026-

Description: Reset Search Criteria

Given the user has entered search criteria on the "Admin/User Management" page

When the user clicks on the "Reset" button

Then the search fields should be cleared

TC027-

Description: Adding New Users

Given the user is on the "Admin/User Management" page

When the user clicks the "+ Add" button

Then the system should navigate to the "Add New User" page

And the admin should be able to input details for creating a new user

TC028-

Description: Deleting User

Given the admin is on the "Admin/User Management" page

And the admin has filtered a user from the search results

When the admin clicks the "Delete" button for the specific user

Then the system should remove the user and display a success message

BUG REPORT:

Bug ID: B001

Title: Heart Icon Does Not Change Color on Hover

Description: When the user hovers over the “Heart” icon to like a post, the icon does not change color to indicate that it is clickable.

Steps to Reproduce:

- Log in to OrangeHRM.
- Navigate to the Buzz page.
- Hover over the “Heart” icon on any post.

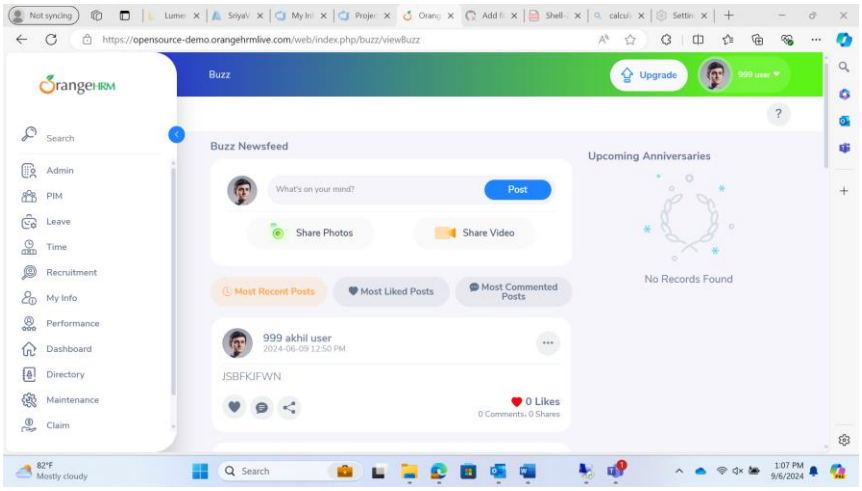
Expected Result: The “Heart” icon should change color on hover to indicate that it is clickable.

Actual Result: The “Heart” icon does not change color on hover.

Severity: Minor

Priority: Medium

Attachments:



Bug ID: B002

Title: After changing the password user is not navigated to login page.

Description: When the user clicks on change password and filled all the fields and clicks on save button then user is not navigated to login page.

Steps to Reproduce:

- Log in to OrangeHRM.
- Click on the profile icon on top right corner
- Click on Change password
- Fil the fields current password, password and confirm password
- Click on save
- Observe user is not navigating to Login screen.

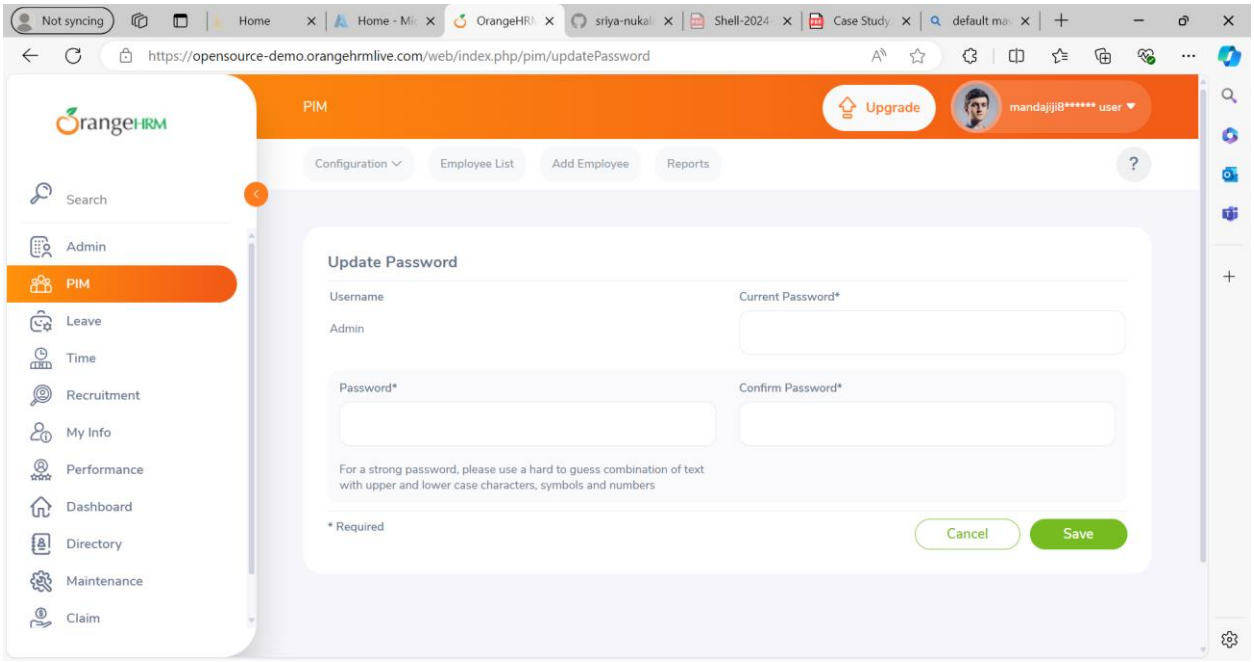
Expected Result: User should be navigated to Login screen

Actual Result: User is navigated again to Change password screen

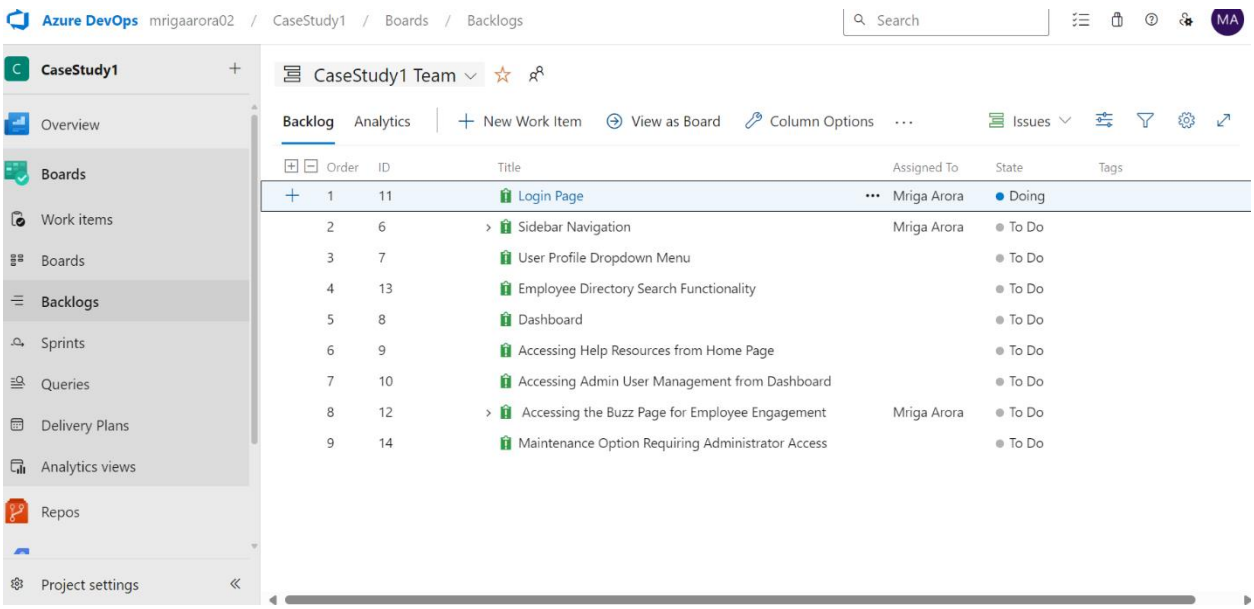
Severity: High

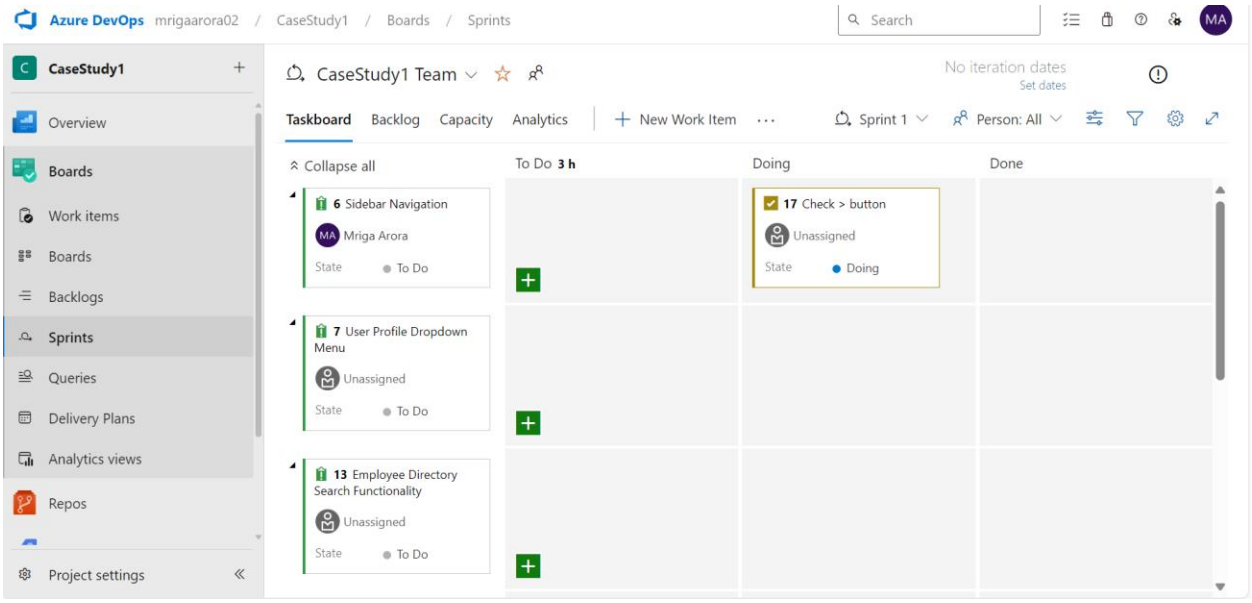
Priority: High

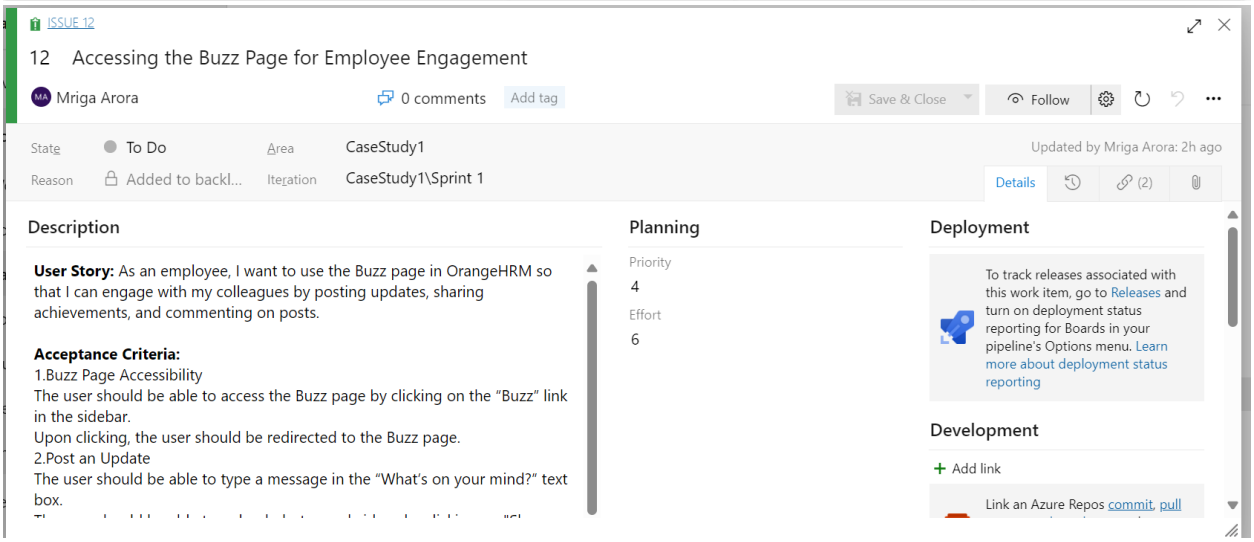
Attachments:



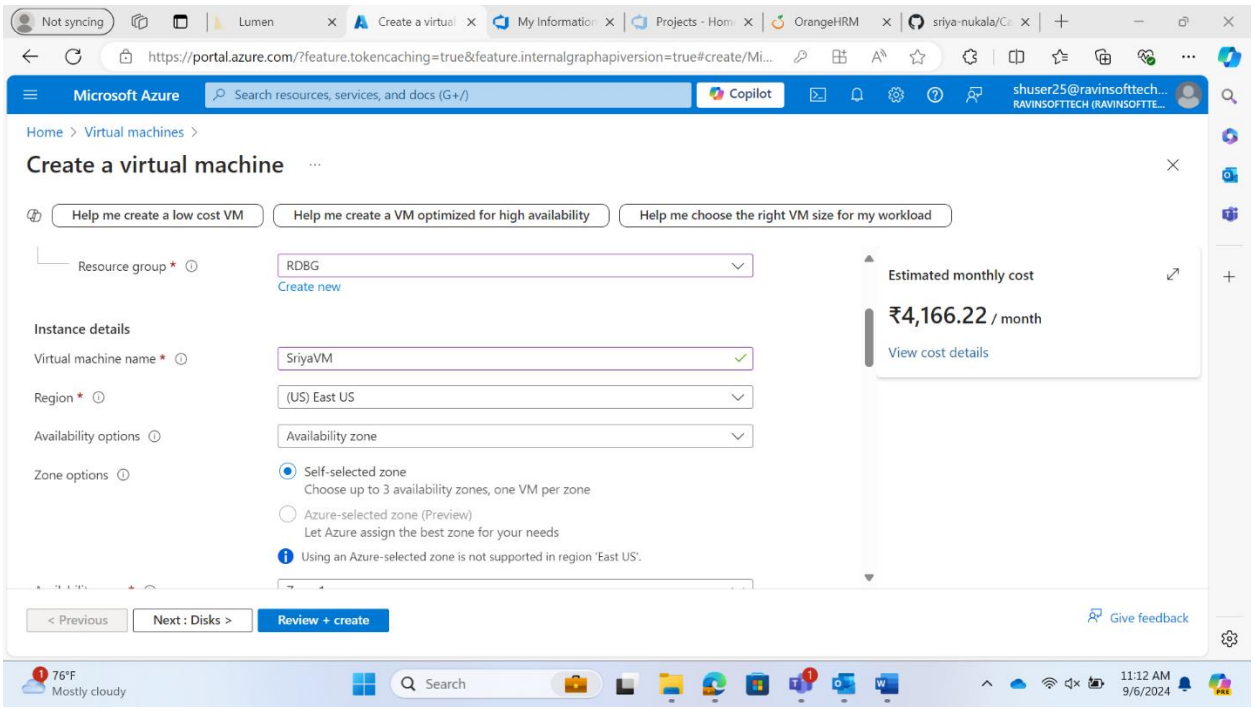
Azure DevOps Screenshots:







Creating VM Screenshots: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Search resources, services, and docs (G+/)
Copilot
shuser25@ravinsofttech...
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Home > Virtual machines >
Create a virtual machine
Help me create a low cost VM
Help me create a VM optimized for high availability
Help me choose the right VM size for my workload
Resource group * RDBG
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Instance details
Virtual machine name * SriyaVM
Region * (US) East US
Availability options Availability zone
Zone options
Self-selected zone
Choose up to 3 availability zones, one VM per zone
Azure-selected zone (Preview)
Let Azure assign the best zone for your needs
Using an Azure-selected zone is not supported in region 'East US'.
Estimated monthly cost
₹4,166.22 / month
View cost details
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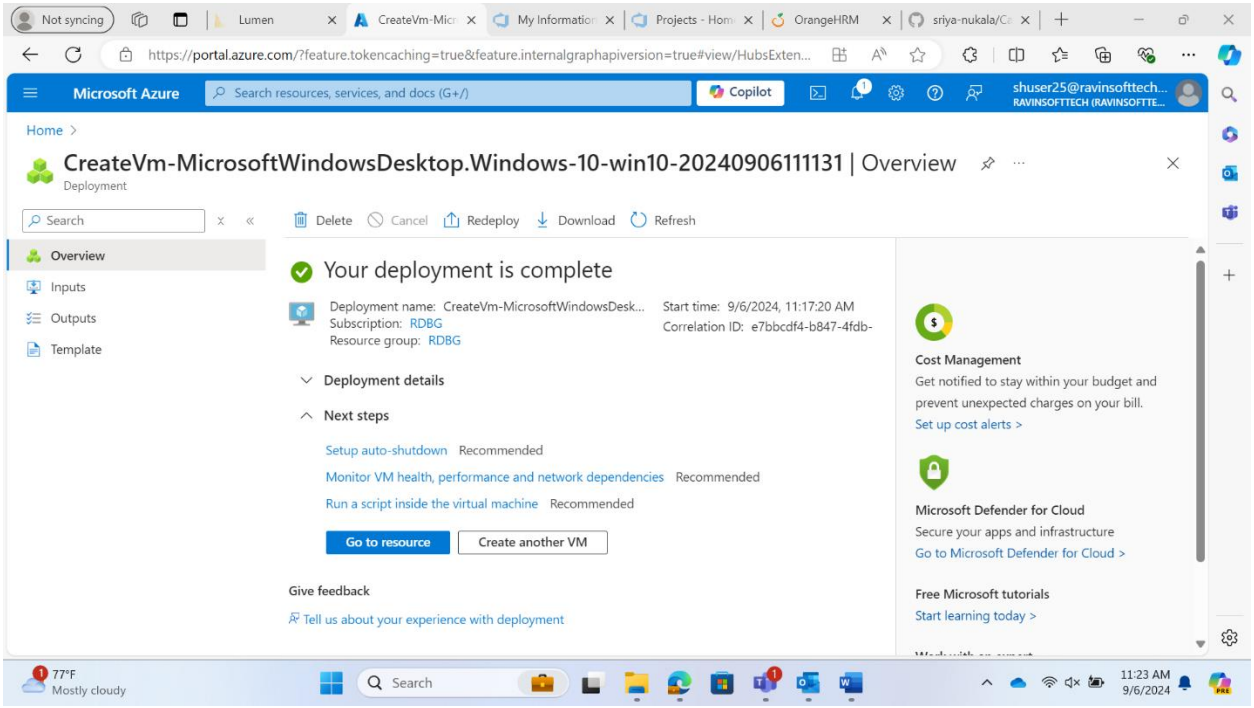
Review + create
Give feedback


Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
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Inputs
Outputs
Template
Delete
Cancel
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Download
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Subscription: RDBG
Resource group: RDBG
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Deployment details
Next steps
Setup auto-shutdown Recommended
Monitor VM health, performance and network dependencies Recommended
Run a script inside the virtual machine Recommended
Go to resource
Create another VM
Give feedback
Tell us about your experience with deployment
Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >
Microsoft Defender for Cloud
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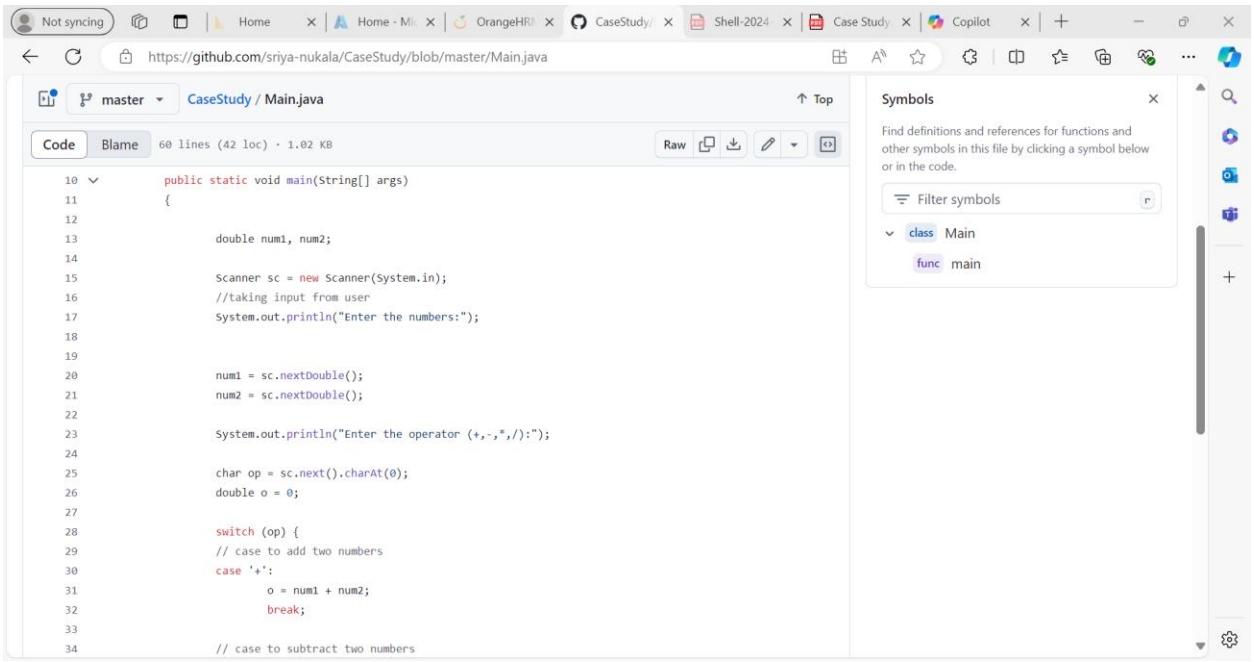
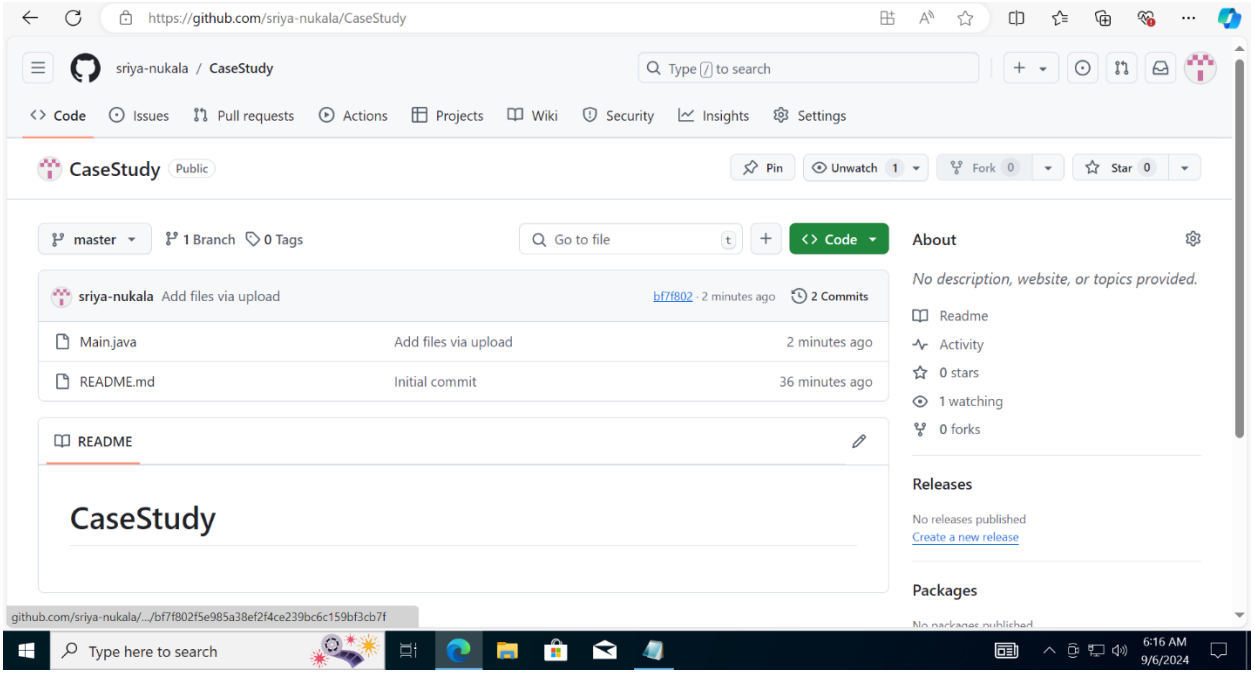
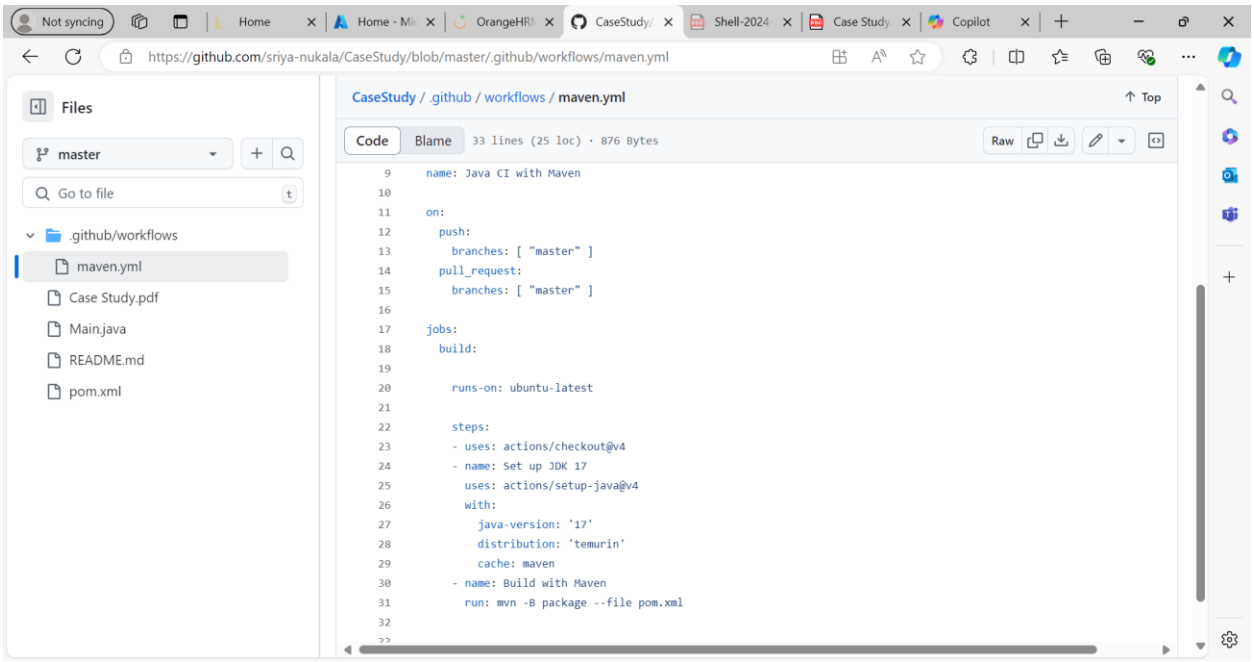
Java Code in Github:

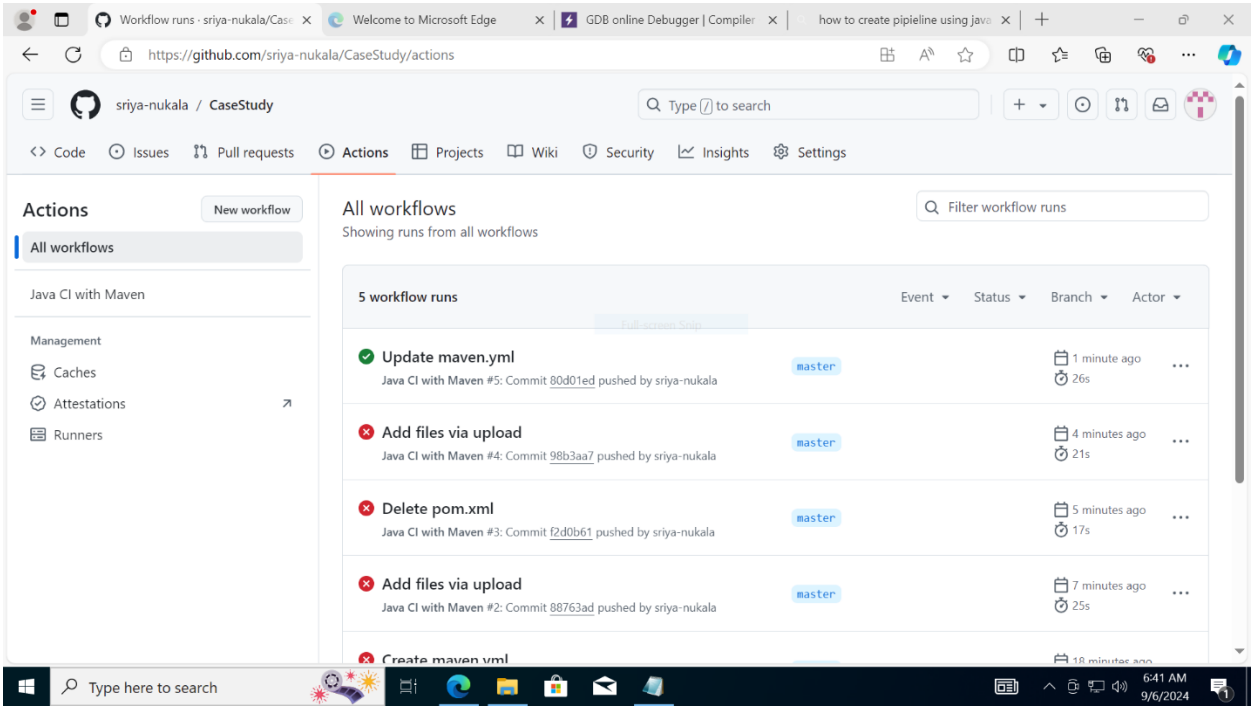




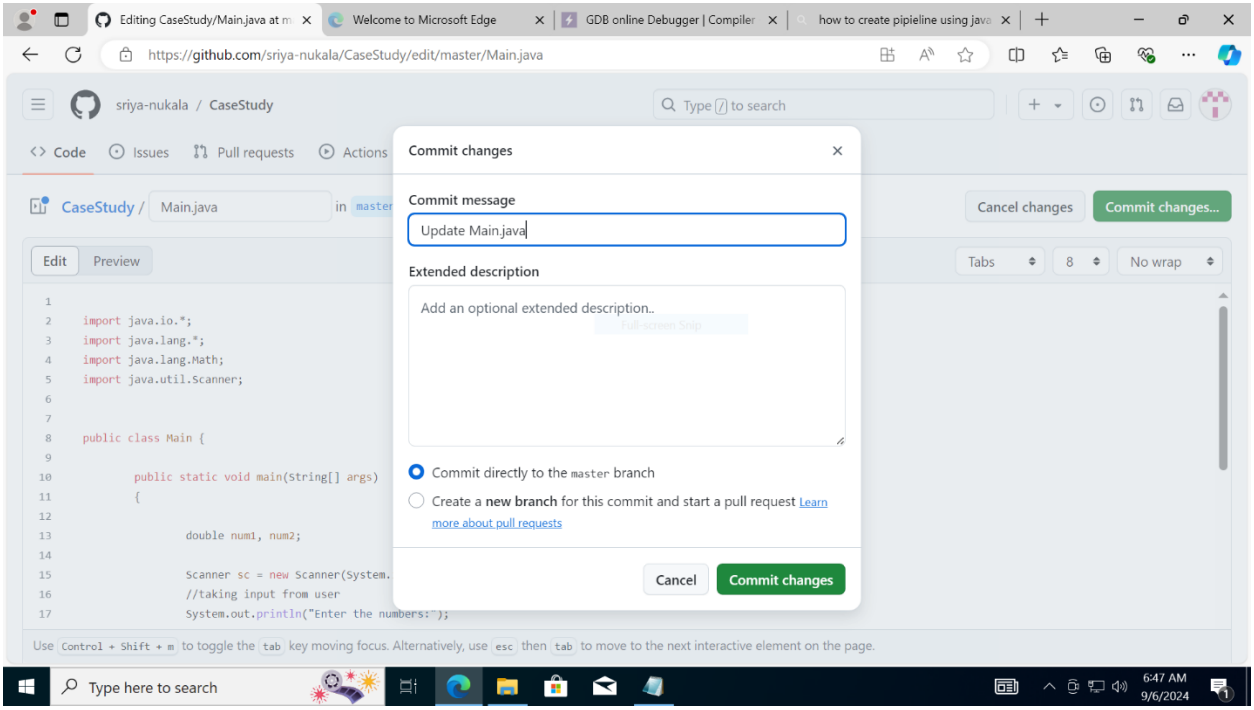
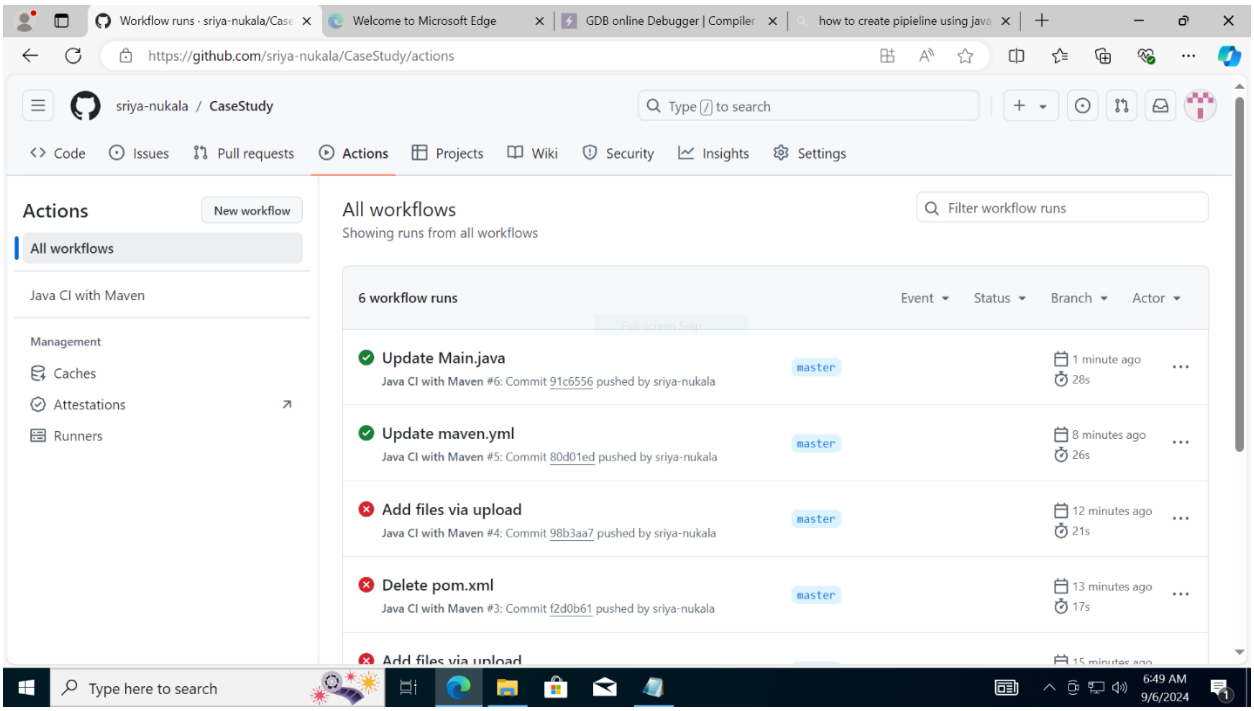
.yml file on Github:



Build Run:



Updated Java file:



Build Run after updating code: