Foundational Bootcamp: Case Study

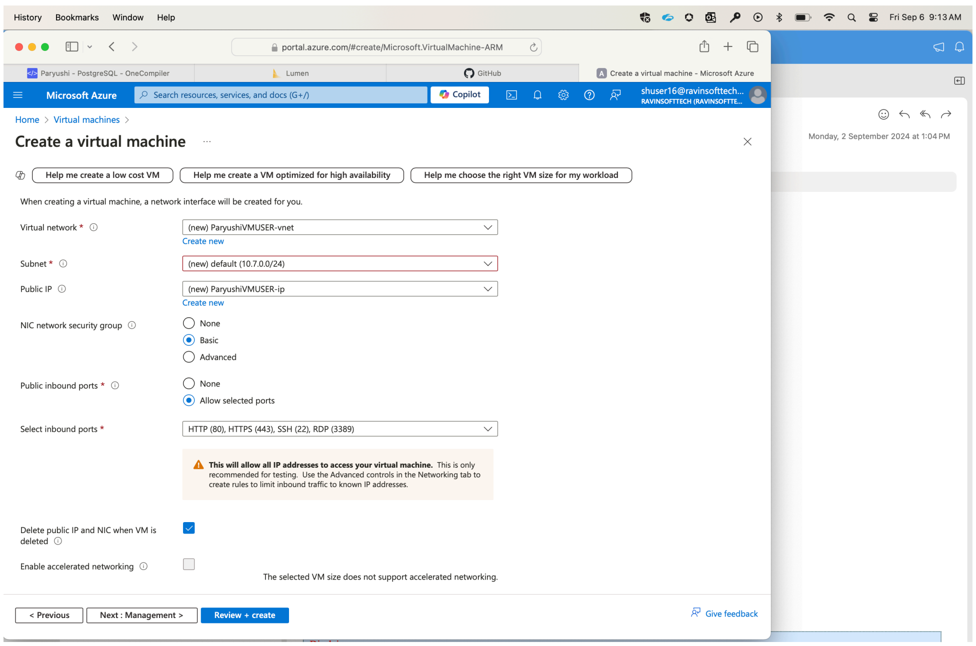
Name: Paryushi Jain

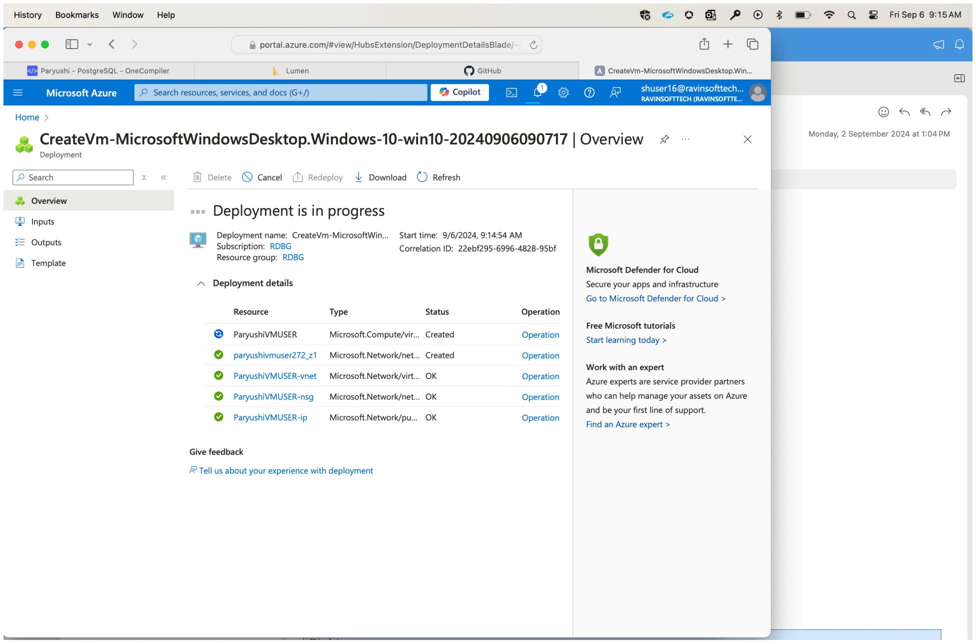
Batch: 1

GitHub link: https://github.com/ParyushiJain/CaseStudy_Paryushi/tree/main

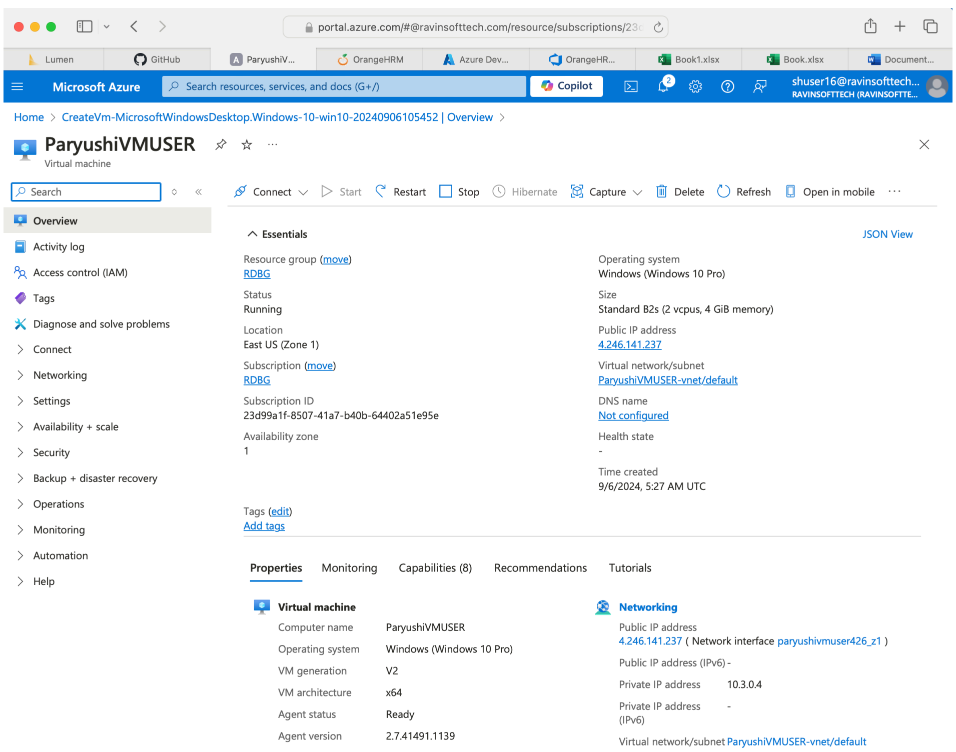
Implementing the CI/CD Pipeline using GitHub Actions

1. On the azure portal, I have created a VM

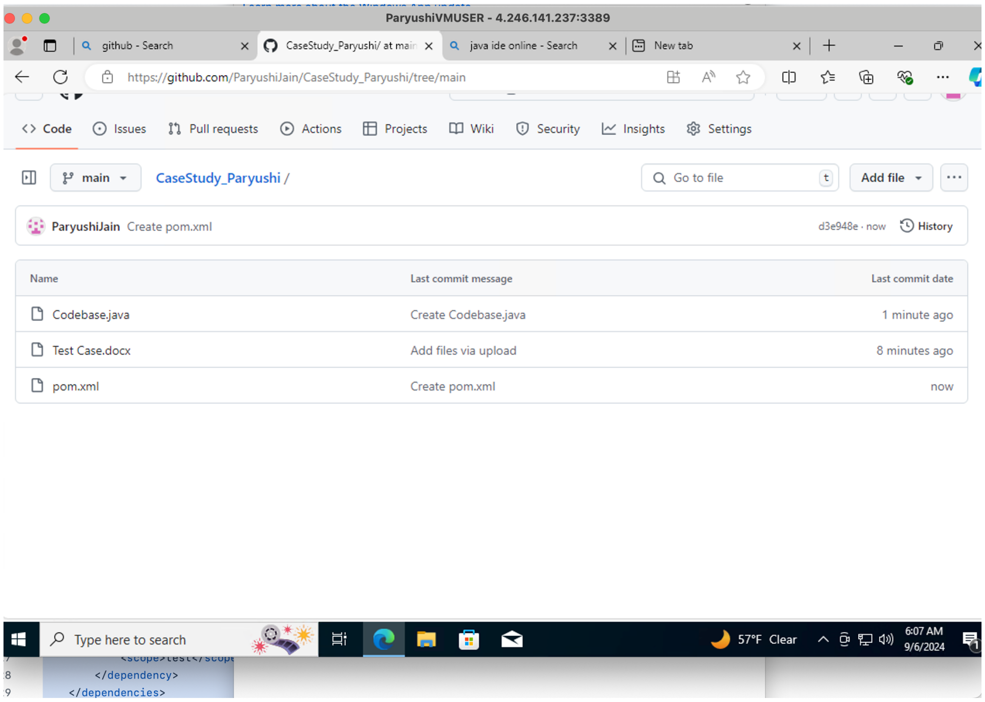




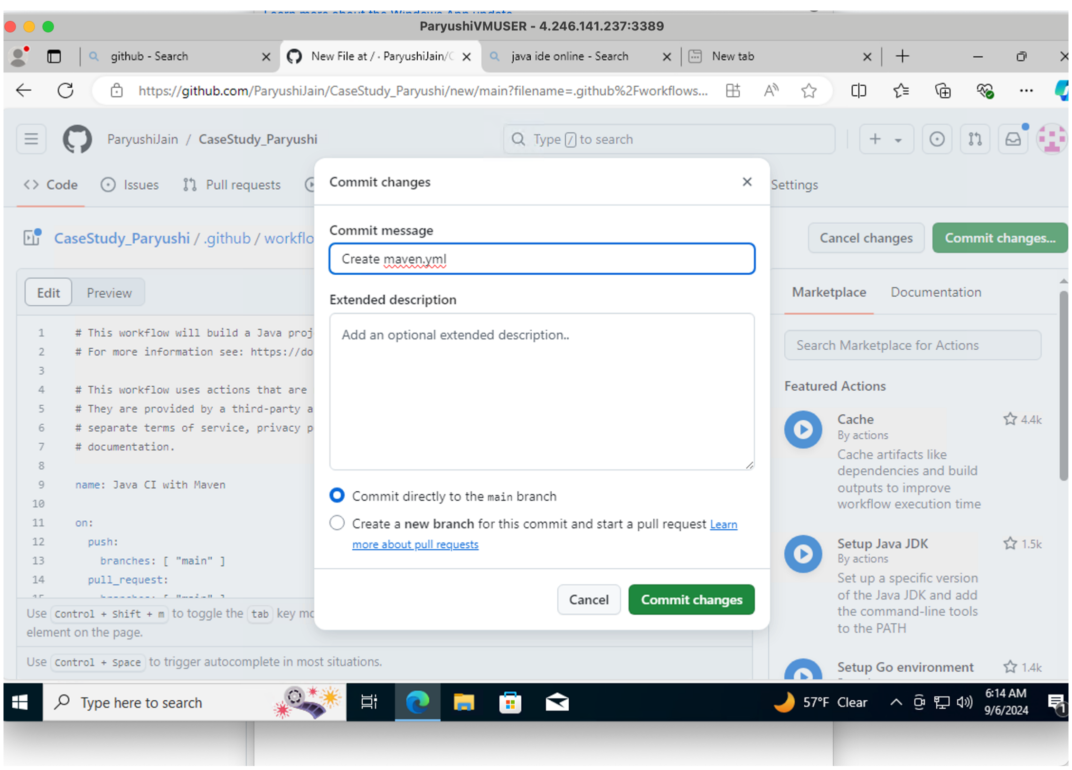
2. The deployment is complete

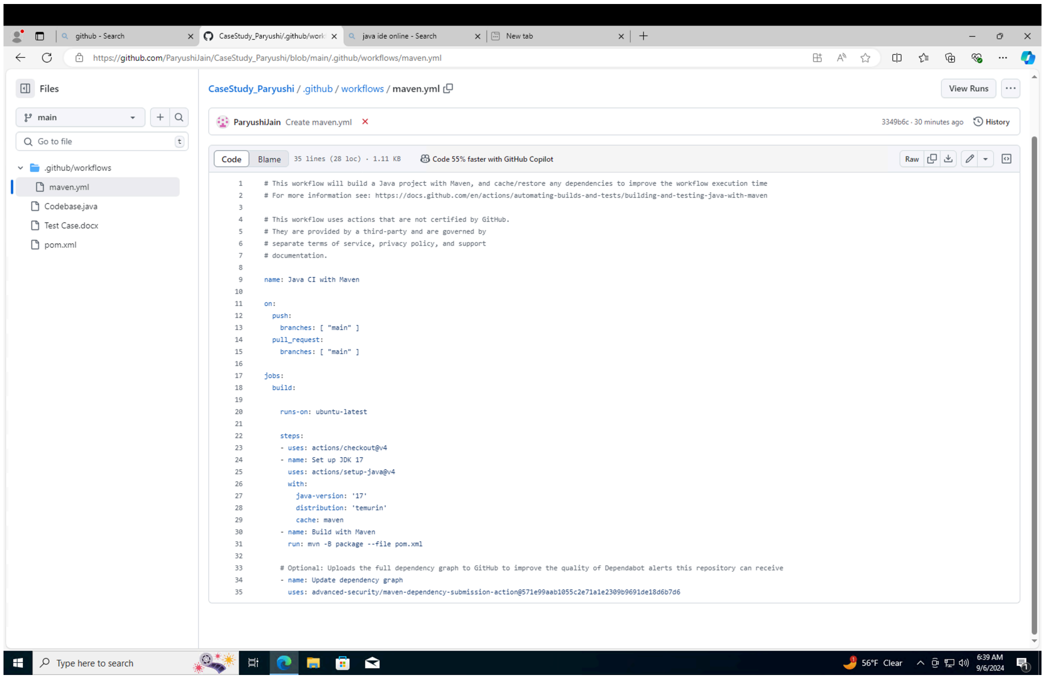


3. On the VM, I have created a GitHub repository name CaseStudy_Paryushi, where I have uploaded the codebase.

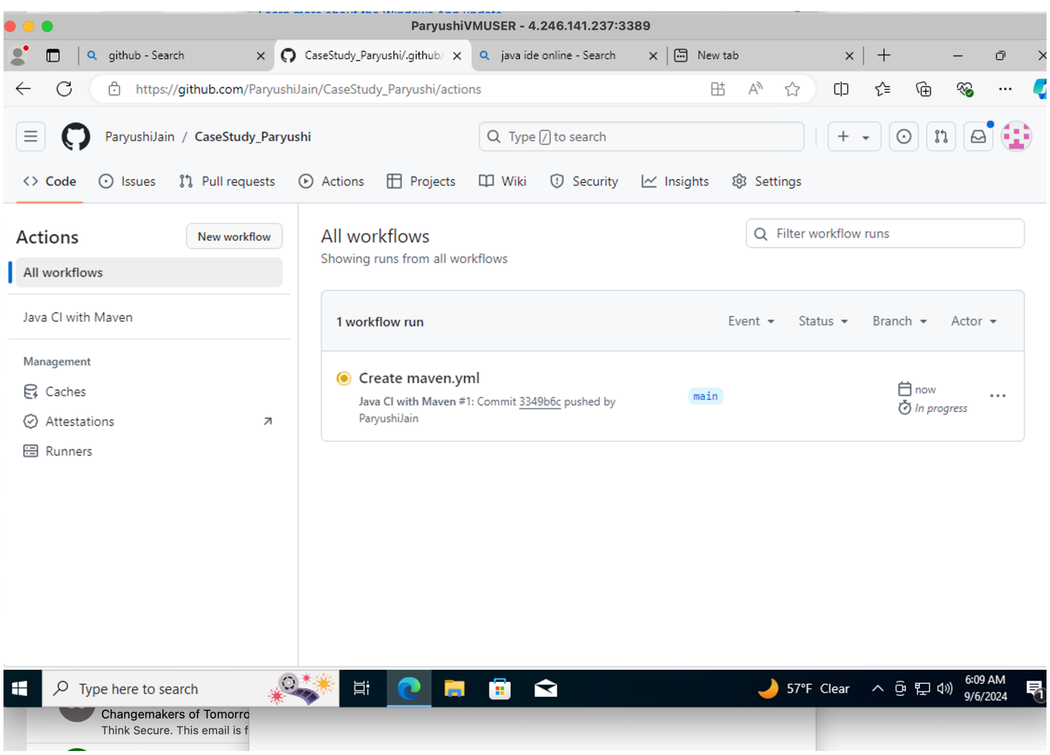


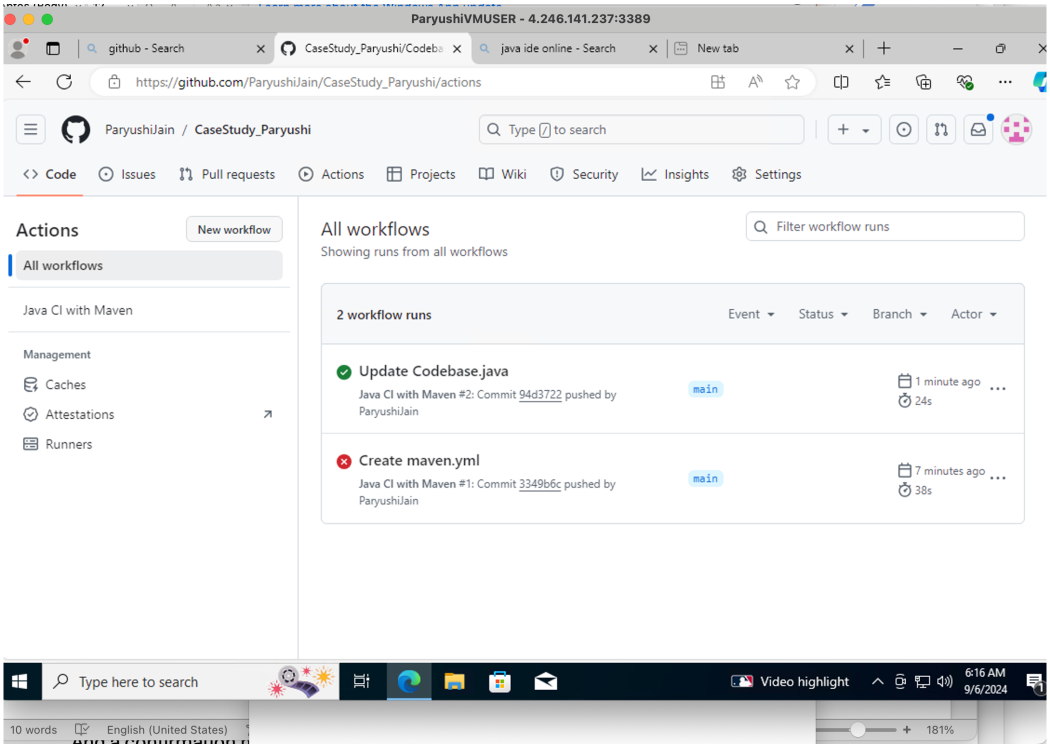
4. After uploading the files, click on Actions, then configure Java with Maven, review the yaml file and commit changes.



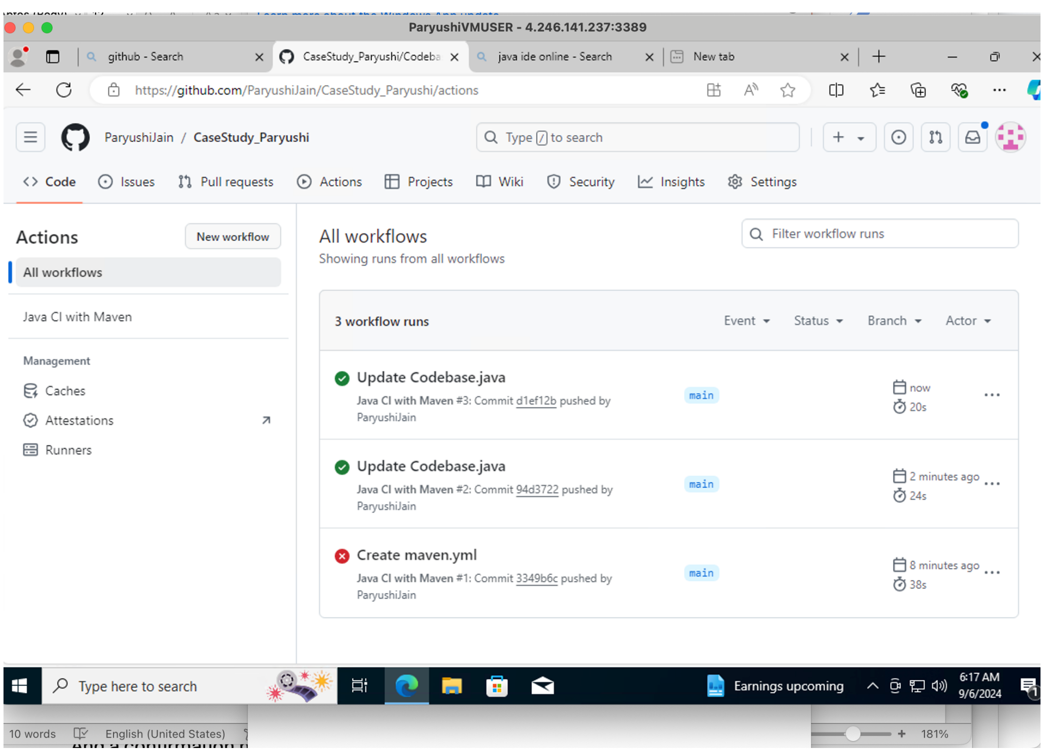


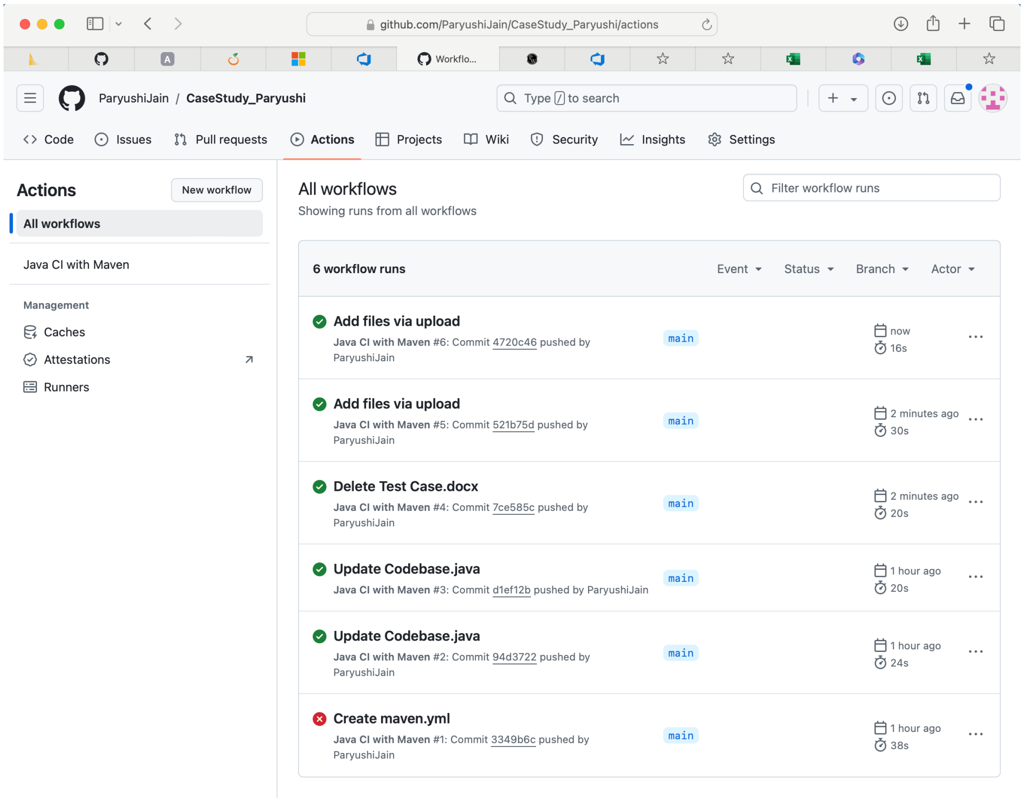
5. Pipeline should be active, then I updated the Codebase.java, and checked actions again to verify.





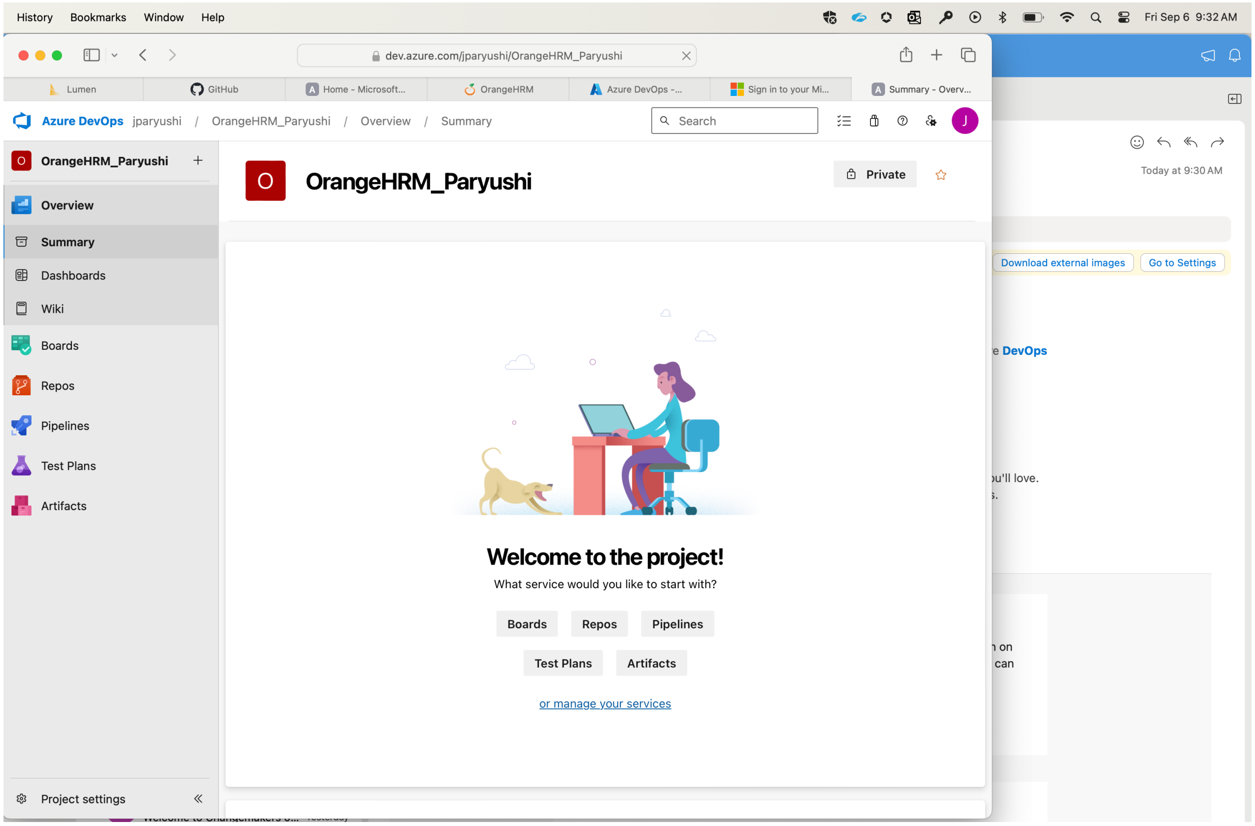
6. The pipeline is still active after uploading all the files





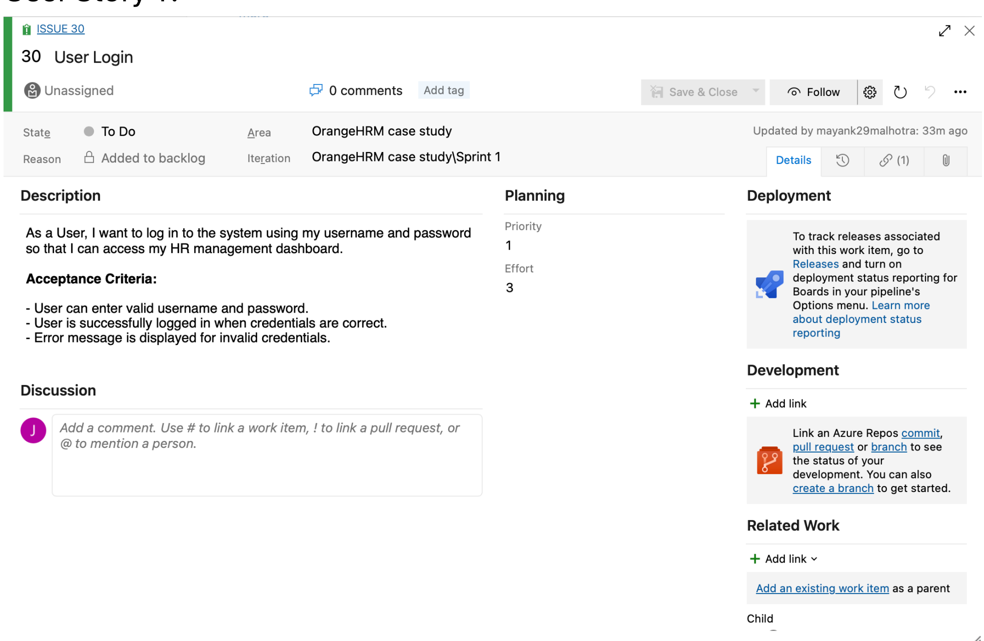
SDLC, Agile and Software Testing

1. Created a new Project

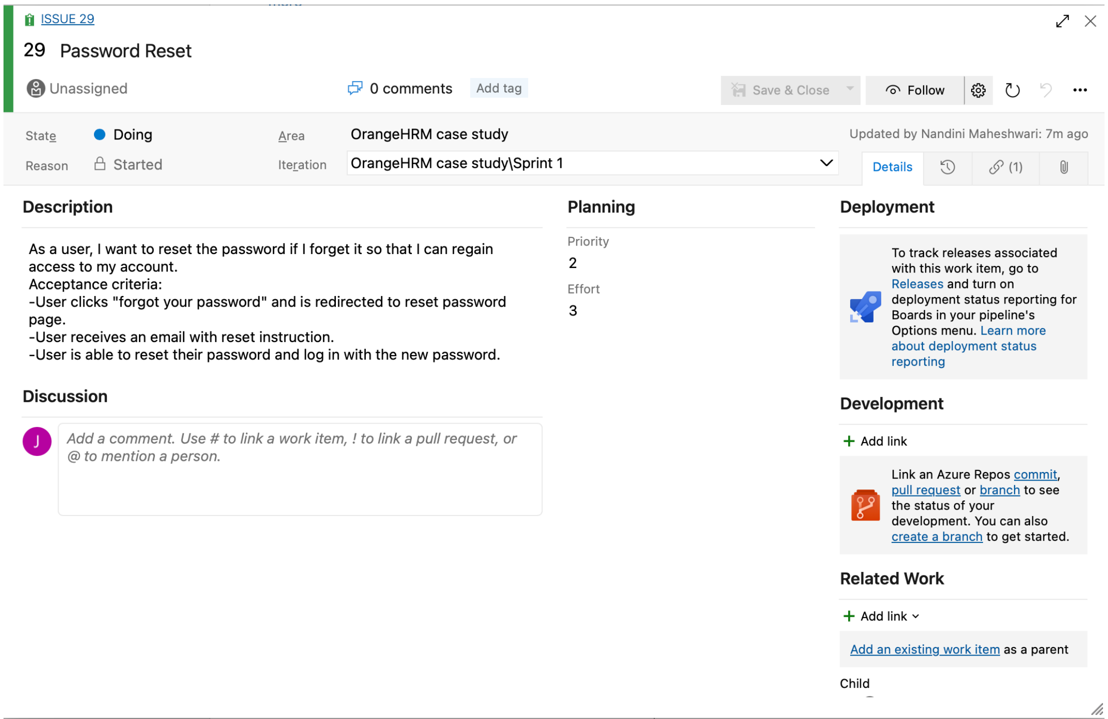


2. Create 5 User stories in Boards-> backlogs:

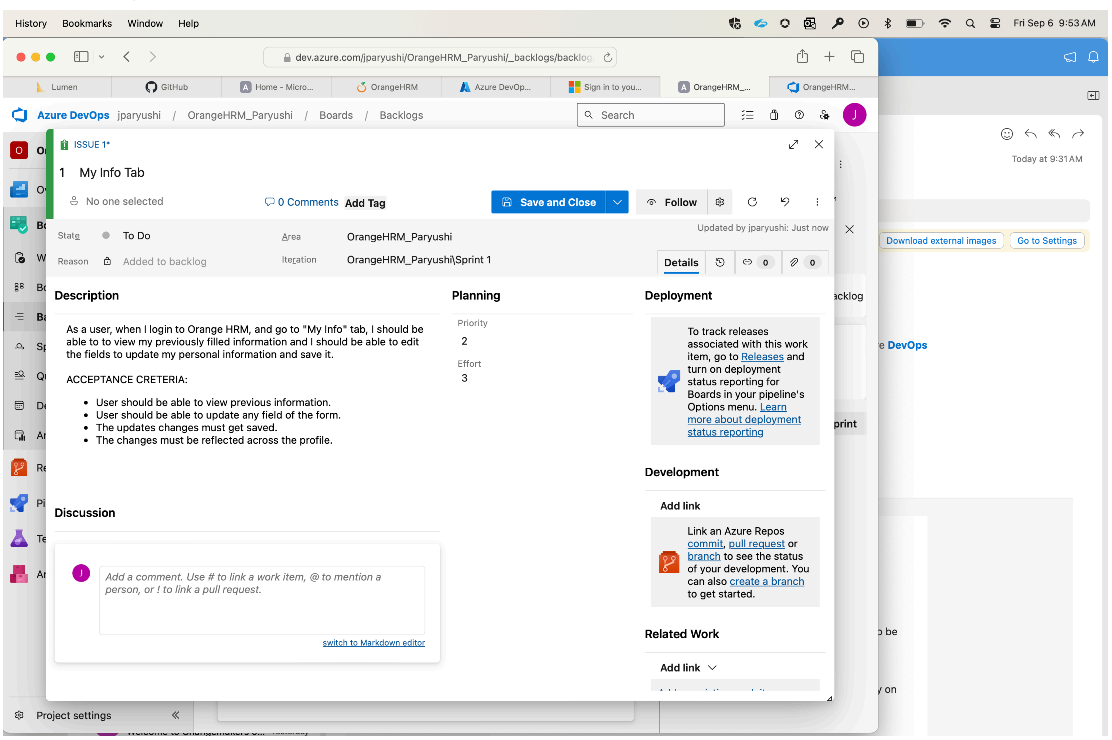
- User Story 1:



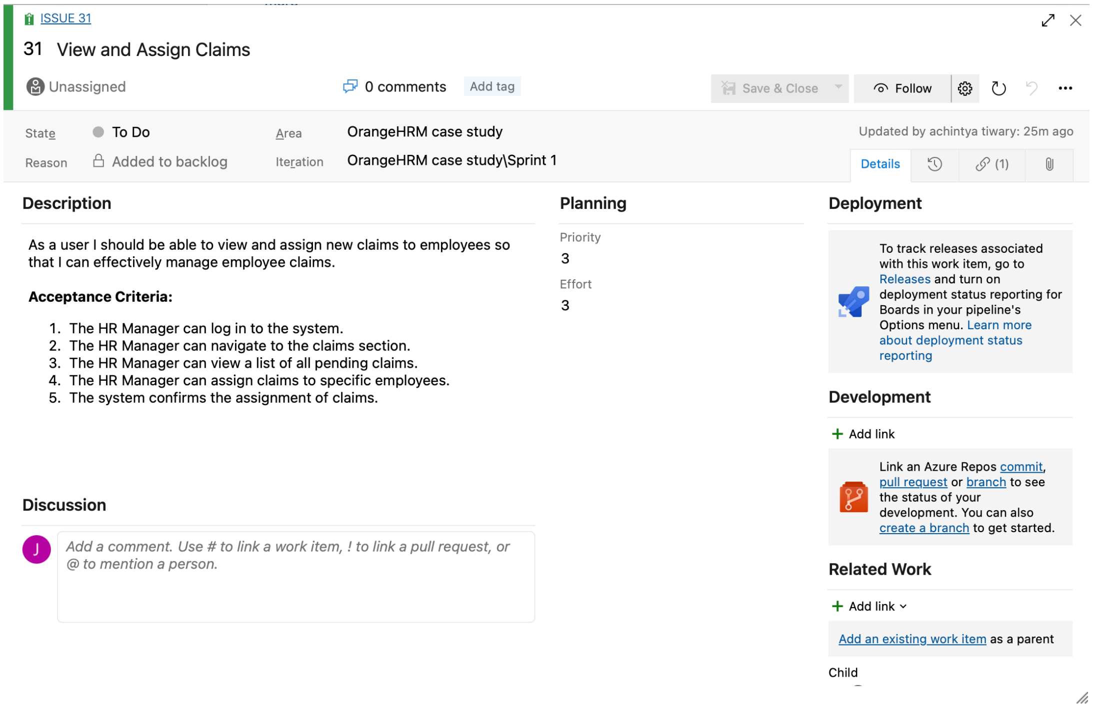
- User Story 2:



- User Story 3:



- User Story 4:



ISSUE 31

31 View and Assign Claims

Unassigned | 0 comments | Add tag | Save & Close | Follow

State: To Do | Area: OrangeHRM case study
Reason: Added to backlog | Iteration: OrangeHRM case study\Sprint 1

Updated by achintya tiwary: 25m ago

Details | (1)

Description

As a user I should be able to view and assign new claims to employees so that I can effectively manage employee claims.

Acceptance Criteria:

1. The HR Manager can log in to the system.
2. The HR Manager can navigate to the claims section.
3. The HR Manager can view a list of all pending claims.
4. The HR Manager can assign claims to specific employees.
5. The system confirms the assignment of claims.

Discussion

J Add a comment. Use # to link a work item, ! to link a pull request, or @ to mention a person.

Planning

Priority
3

Effort
3

Deployment

To track releases associated with this work item, go to Releases and turn on deployment status reporting for Boards in your pipeline's Options menu. Learn more about deployment status reporting

Development

+ Add link

Link an Azure Repos commit, pull request or branch to see the status of your development. You can also create a branch to get started.

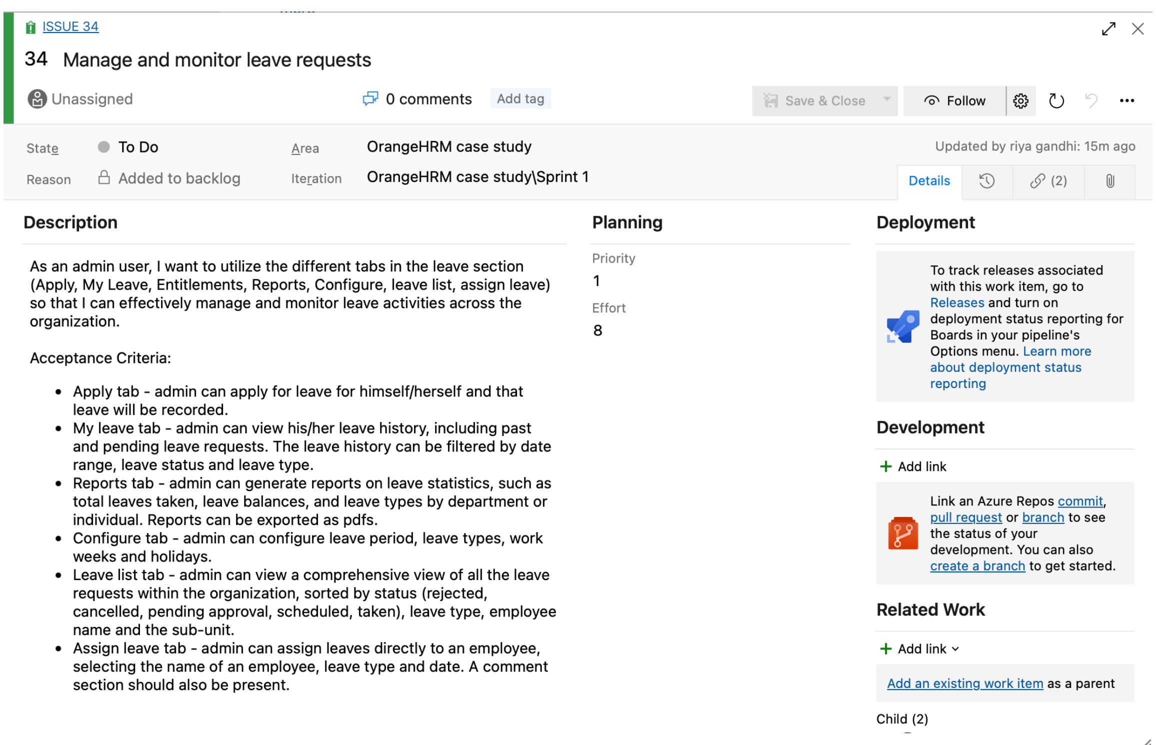
Related Work

+ Add link

Add an existing work item as a parent

Child

- User Story 5:



ISSUE 34

34 Manage and monitor leave requests

Unassigned | 0 comments | Add tag | Save & Close | Follow

State: To Do | Area: OrangeHRM case study
Reason: Added to backlog | Iteration: OrangeHRM case study\Sprint 1

Updated by riya gandhi: 15m ago

Details | (2)

Description

As an admin user, I want to utilize the different tabs in the leave section (Apply, My Leave, Entitlements, Reports, Configure, leave list, assign leave) so that I can effectively manage and monitor leave activities across the organization.

Acceptance Criteria:

- Apply tab - admin can apply for leave for himself/herself and that leave will be recorded.
- My leave tab - admin can view his/her leave history, including past and pending leave requests. The leave history can be filtered by date range, leave status and leave type.
- Reports tab - admin can generate reports on leave statistics, such as total leaves taken, leave balances, and leave types by department or individual. Reports can be exported as pdfs.
- Configure tab - admin can configure leave period, leave types, work weeks and holidays.
- Leave list tab - admin can view a comprehensive view of all the leave requests within the organization, sorted by status (rejected, cancelled, pending approval, scheduled, taken), leave type, employee name and the sub-unit.
- Assign leave tab - admin can assign leaves directly to an employee, selecting the name of an employee, leave type and date. A comment section should also be present.

Planning

Priority
1

Effort
8

Deployment

To track releases associated with this work item, go to Releases and turn on deployment status reporting for Boards in your pipeline's Options menu. Learn more about deployment status reporting

Development

+ Add link

Link an Azure Repos commit, pull request or branch to see the status of your development. You can also create a branch to get started.

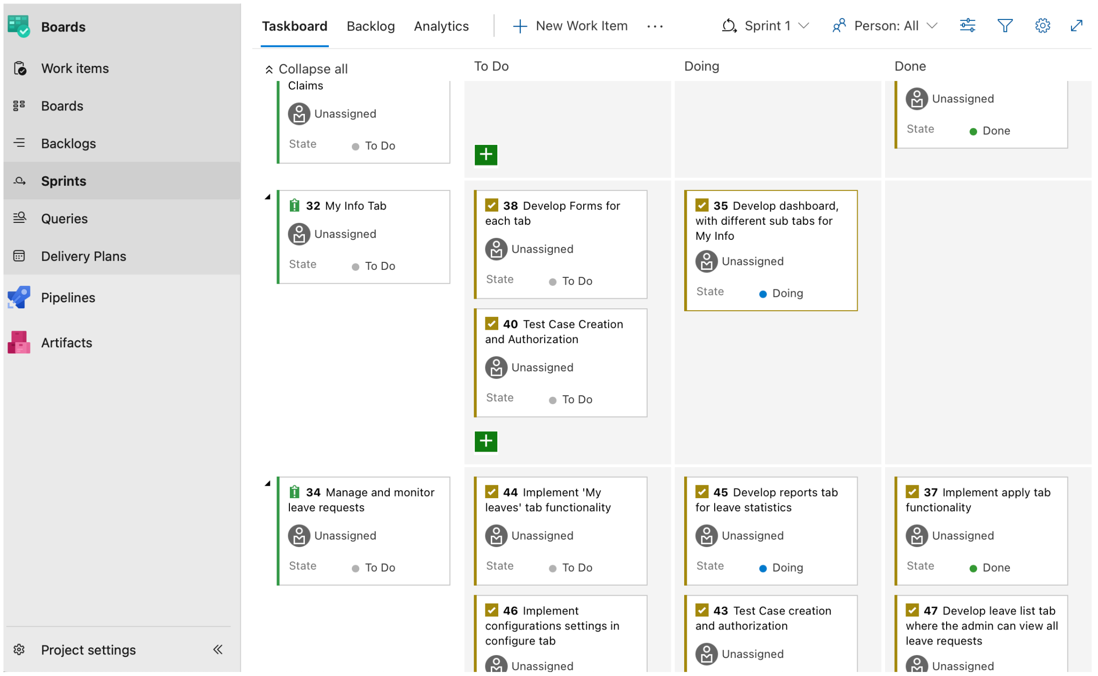
Related Work

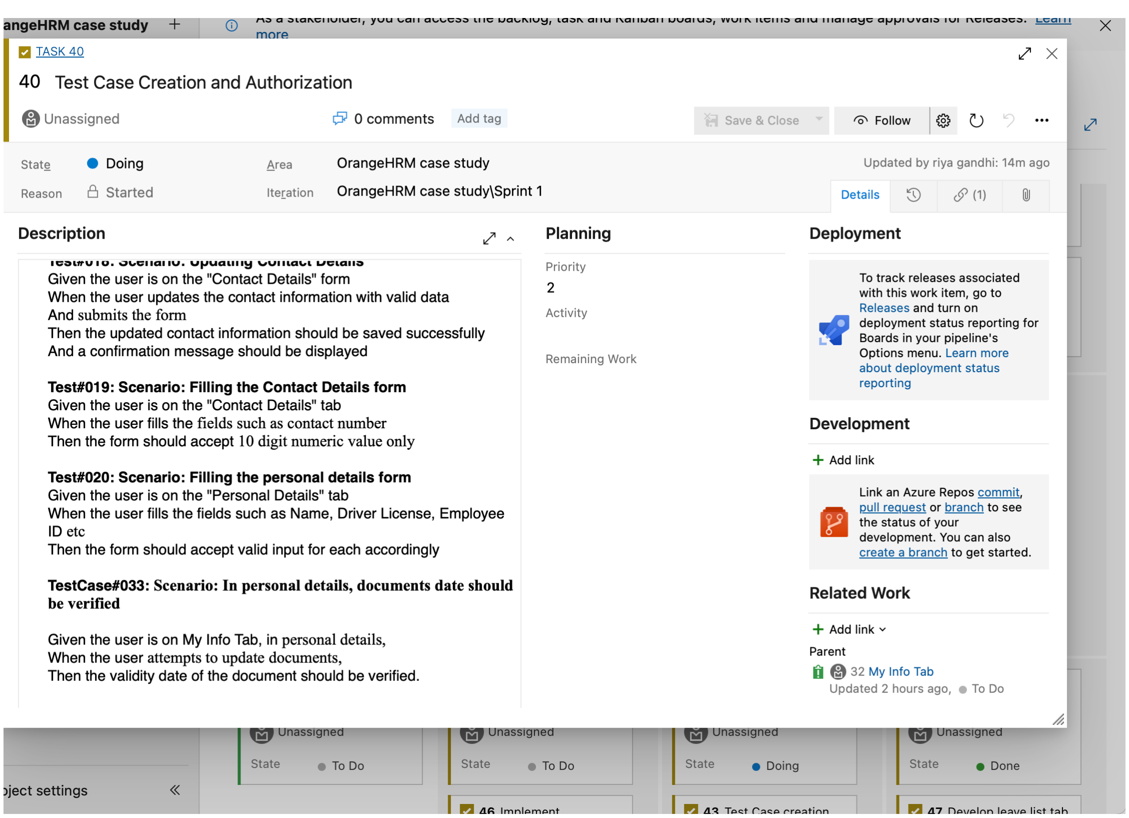
+ Add link

Add an existing work item as a parent

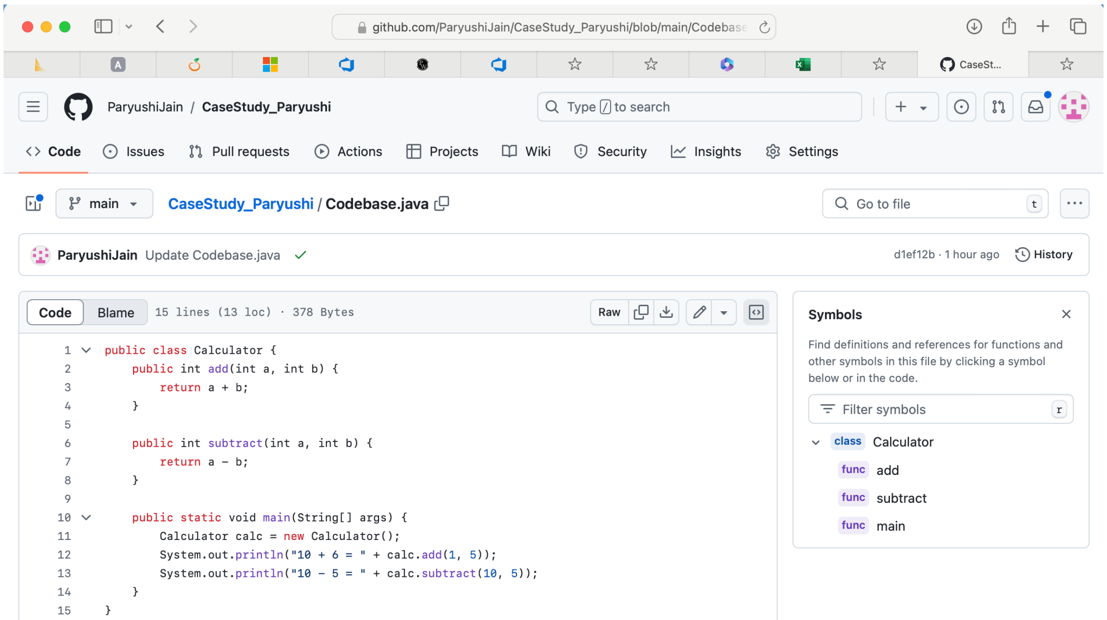
Child (2)

3. In sprints, I have then added tasks





Coding Standards:



TEST CASES, BUG REPORT AND RTM

Paryushi Jain

Test Case: My information Tab

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

Credentials to log in:

Username Admin

Password: admin123

Test#001: Scenario: Successful login with valid credentials

Given I am on the OrangeHRM login page

When I enter "Admin" as the username

And I enter "admin123" as the password

And I click on the "Login" button

Then I should be redirected to the OrangeHRM dashboard

And I should see the welcome message on the dashboard

Test#002: Scenario: Unsuccessful login with invalid password

Given I am on the OrangeHRM login page

When I enter "Admin" as the username

And I enter "wrongPassword" as the password

And I click on the "Login" button

Then I should see an error message "Invalid credentials"

And I should remain on the login page

Test#003: Scenario: Unsuccessful login with empty username

Given I am on the OrangeHRM login page

When I leave the username field blank

And I enter "admin123" as the password

And I click on the "Login" button

Then I should see an error message "Username cannot be empty"

And I should remain on the login page

Test#004: Scenario: Unsuccessful login with empty password

Given I am on the OrangeHRM login page

When I enter "Admin" as the username

And I leave the password field blank

And I click on the "Login" button

Then I should see an error message "Password cannot be empty"

And I should remain on the login page

Test#005: Scenario: Clicking "Forgot Your Password" redirects to forgot password screen

Given I am on the OrangeHRM login page

When I click on the "Forgot your password?" link

Then I should be redirected to the OrangeHRM password reset page

And I should see a form to enter the username or email for password recovery

Test#006: Scenario: View all claims

Given I am logged into the system as an admin

When I navigate to the "Claims" section

And I click on "Employee Claims"

Then I should see a list of all claims

Test#007: Scenario: View claim details

Given I am logged into the system as an admin

And a list of claims is available

When I click on a specific employee claim

Then I should see the detailed information of the selected claim

Test#008: Scenario: Assign claim to an employee

Given I am logged into the system as an admin

And a list of unassigned claims is available

When I select an unassigned claim

And I click on "Assign Claim"

And I select an employee from the list

And I click "Assign"

Then the claim should be assigned to the selected employee

And the status should be updated accordingly

Test#009: Scenario: Filter claims by status

Given I am logged into the system as an admin

And a list of claims is available

When I select a status filter "Pending"

Then I should see only the claims with the status "Pending"

Test#010: Scenario: Search claims by employee name

Given I am logged into the system as an admin

And a list of claims is available

When I enter an employee name in the search bar

And I click on the search icon

Then I should see the claims related to the entered employee name

Test#011: Scenario: Search claims by reference ID

Given I am logged into the system as an admin

And a list of claims is available

When I enter a reference ID in the search bar

And I click on the search icon

Then I should see the claims related to the entered reference ID

Test#012: Scenario: Search claims by date range

Given I am logged into the system as an admin

And a list of claims is available

When I select the "From Date" and "To Date" fields

And I enter the desired date range

And I click on the search icon

Then I should see the claims within the specified date range

Test#013: Scenario: Search claims by event name

Given I am logged into the system as an admin

And a list of claims is available

When I enter an event name in the search bar

And I click on the search icon

Then I should see the claims related to the entered event name

Test#014: Scenario: HR Manager views a claim's detail

Given the HR Manager is logged into the system

And the HR Manager navigates to the claims section

When the HR Manager views the list of all pending claims

And the HR Manager selects a claim with an amount of 0 Rs

Then the system should display an error message indicating that the claim amount must be greater than 0 Rs

And the claim should be flagged for review or correction

Test#015: Scenario: Accessing the My Info tab

Given the user is logged in to the website

When the user navigates to the "My Info" tab

Then the dashboard should display personal details, contact details, emergency contact, jobs, salary, and other information related to the user in the form of a vertical dashboard

Test#016: Scenario: Viewing Personal Detail

Given the user is on the "My Info" tab on the website

When the user selects the "Personal Details" tab

Then the personal details form should display the user's current personal information as prefilled fields on the form

Test#017: Scenario: Updating Personal Details

Given the user is on the "Personal Details" form in the My Info section

When the user updates the personal information with previously filled data

And submits the form

Then the updated personal information should be saved successfully

And a confirmation message should be displayed

And the same should be reflected across the system

Test#018: Scenario: Viewing Contact Details

Given the user is on the "My Info" tab

When the user selects the "Contact Details" tab

Then the contact details form should display the user's current contact information

Test#019: Scenario: Updating Emergency Details

Given the user is on the "Emergency Details" form

When the user updates the contact information with valid data

And submits the form

Then the updated contact information should be saved successfully

And a confirmation message should be displayed

Test#020: Scenario: Filling the Contact Details form

Given the user is on the "Contact Details" tab

When the user fills the fields such as contact number

Then the form should accept 10 digit numeric value only

Test#021: Scenario: Filling the personal details form

Given the user is on the "Personal Details" tab

When the user fills the fields such as Name, Driver License, Employee ID etc

Then the form should accept valid input for each accordingly

Test#022: Scenario: Admin successfully applies for leave

Given the admin user navigates to leave section from the side-menu navbar

When the admin navigates to the 'Apply' tab

And selects a leave type, start date, end date and enters a reason

And clicks on the 'Apply' button

Then the leave request should be successfully recorded in the system

And the leave should appear under the 'My Leaves' tab

Test#023: Scenario: Admin views leave history with filtering options

Given the admin user navigates to leave section from the side-menu navbar

When the admin navigates to the 'My leaves' tab

And applies filters by date range, leave status, and leave type

Then the filtered leave history should be displayed correctly

Test#024: Scenario: Admin generates, and exports leave reports

Given the admin user navigates to leave section from the side-menu navbar

When the admin navigates to the 'Reports' tab

And generates a report based on leave type, leave status, department or employee

And exports the report as a PDF

Then the report should be generated correctly and available for download as a PDF

Test#025: Scenario: Admin views and filters leave reports

Given the admin user navigates to leave section from the side-menu navbar

When the admin navigates to the 'Leave list' tab

And sorts the leave requests by status, leave type, employee name or sub-unit

Then the leave requests should be displayed according to the selected filters and sorting options

Test#026: Scenario: Admin attempts to apply leave for past dates

Given the admin user navigates to leave section from the side-menu navbar

When the Admin navigates to the "Apply" tab

And selects a past date for leave

Then an error message should be displayed

And the leave request should not be submitted

Test#027: Scenario: Admin views pending leave requests

Given the admin user navigates to leave section from the side-menu navbar

When the Admin navigates to the "Leave List" tab

And filters by "Pending Approval" status

Then all pending leave requests should be displayed accurately

Test#028: Scenario: Successfully request a password reset link

Given the user is on the "forgot password page"

When the user enters a registered email address "user@example.com"

And user clicks the submit button

Then the system should send a password reset link to mail address and the system should display confirmation message password reset link sent

Test#030: Scenario: Request password reset with an unregistered email address

Given the user is on the "Forgot Password" page

When the user enters an unregistered email address "unknown@example.com"

And the user clicks the "Submit" button

Then the system should display an error message "Email address is not registered."

Test#031: Scenario: Successfully reset password using the reset link

Given the user has received a password reset link at "user@example.com"

And the user clicks the password reset link

When the user enters a new password "NewPassword123" and confirms it

And the user clicks the "Submit" button

Then the system should display a confirmation message "Your password has been successfully reset."

And the user should be able to log in with the new password

Test#032: Scenario: Reset password with mismatched confirmation

Given the user has received a password reset link at "user@example.com"

And the user clicks the password reset link

When the user enters a new password "NewPassword123" and confirms it with "DifferentPassword123"

And the user clicks the "Submit" button

Then the system should display an error message "Passwords do not match."

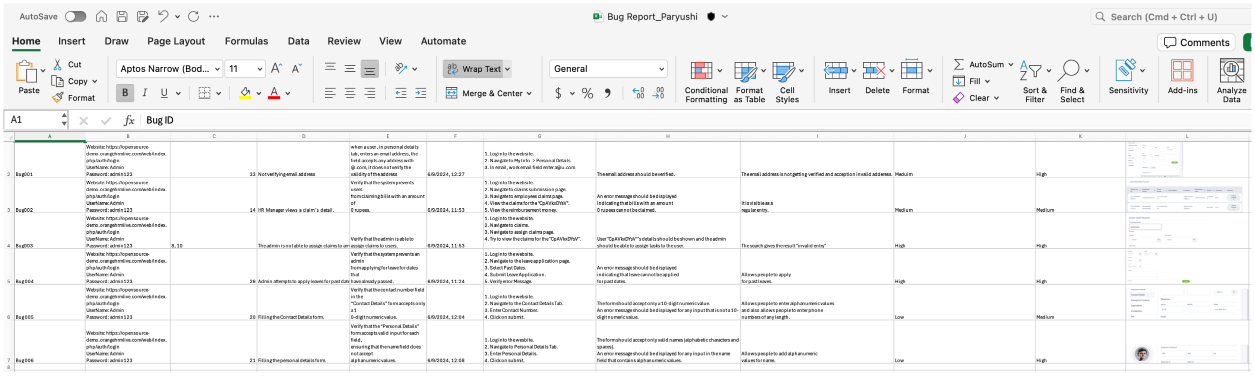
TestCase#033: Scenario: In Contact details, email should be verified

Given the user is on My Info Tab, in contact details,

When the user attempts to enter email,

Then the email address validity should be checked.

BUG REPORT:



	A	B	C	D	E	F	G	H	I	J	K	L
2	Bug001	Website: https://opensource-demo.orangehrmlive.com/web/index.php/auth/login UserName: Admin Password: admin123	33	Not verifying email address	when a user, in personal details tab, enters an email address, the field accepts any address with @.com, it does not verify the validity of the address	6/9/2024, 12:27	1. Log into the website. 2. Navigate to My Info -> Personal Details 3. In email, work email field enter a@u.com	The email address should be verified.	The email address is not getting verified and acception invalid adderess.	Meduim	High	
3	Bug002	Website: https://opensource-demo.orangehrmlive.com/web/index.php/auth/login UserName: Admin Password: admin123	14	HR Manager views a claim's detail.	Verify that the system prevents users from claiming bills with an amount of 0 rupees.	6/9/2024, 11:53	1. Log into the website. 2. Navigate to claims submission page. 3. Navigate to employees claims page. 4. View the claims for the "CpAVkxDYsV". 5. View the reimbursement money.	An error message should be displayed indicating that bills with an amount 0 rupees cannot be claimed.	It is visible as a regular entry.	Medium	Medium	
4	Bug003	Website: https://opensource-demo.orangehrmlive.com/web/index.php/auth/login UserName: Admin Password: admin123	8, 10	The admin is not able to assign claims to an	Verify that the admin is able to assign claims to users.	6/9/2024, 11:53	1. Log into the website. 2. Navigate to claims. 3. Navigate to assign claims page. 4. Try to view the claims for the "CpAVkxDYsV".	User "CpAVkxDYsV"'s details should be shown and the admin should be able to assign tasks to the user.	The search gives the result "invalid entry"	High	High	
5	Bug004	Website: https://opensource-demo.orangehrmlive.com/web/index.php/auth/login UserName: Admin Password: admin123	26	Admin attempts to apply leaves for past date	Verify that the system prevents an admin from applying for leave for dates that have already passed.	6/9/2024, 11:24	1. Log into the website. 2. Navigate to the leave application page. 3. Select Past Dates. 4. Submit Leave Application. 5. Verify error Message.	An error message should be displayed indicating that leave cannot be applied for past dates.	Allows people to apply for past leaves.	High	High	
6	Bug005	Website: https://opensource-demo.orangehrmlive.com/web/index.php/auth/login UserName: Admin Password: admin123	20	Filling the Contact Details form.	Verify that the contact number field in the "Contact Details" form accepts only a 10-digit numeric value.	6/9/2024, 12:04	1. Log into the website. 2. Navigate to the Contact Details Tab. 3. Enter Contact Number. 4. Click on submit.	The form should accept only a 10-digit numeric value. An error message should be displayed for any input that is not a 10-digit numeric value.	Allows people to enter alphanumeric values and also allows people to enter phone numbers of any length.	Low	Medium	
7	Bug006	Website: https://opensource-demo.orangehrmlive.com/web/index.php/auth/login UserName: Admin Password: admin123	21	Filling the personal details form.	Verify that the "Personal Details" form accepts valid input for each field, ensuring that the name field does not accept alphanumeric values.	6/9/2024, 12:08	1. Log into the wesbite. 2. Navigate to Personal Details Tab. 3. Enter Personal Details. 4. Click on submit.	The form should accept only valid names (alphabetic characters and spaces). An error message should be displayed for any input in the name field that contains alphanumeric values.	Allows people to add alphanumeric values for name.	Low	High	
8												

Link: [Bug Report_Paryushi.xlsx]

RTM

User Story\Test Cases	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
User story 1																				
User story 2	☑	☑	☑	☑	☑															
User story 3						☑	☑	☑	☑	☑	☑	☑	☑	☑						
User story 4															☑	☑	☑	☑	☑	☑
User story 5																				

User Story\Test Cases	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30	#31	#32	#33
User story 1								☑	☑	☑	☑	☑	
User story 2													
User story 3													
User story 4													☑
User story 5	☑	☑	☑	☑	☑	☑							