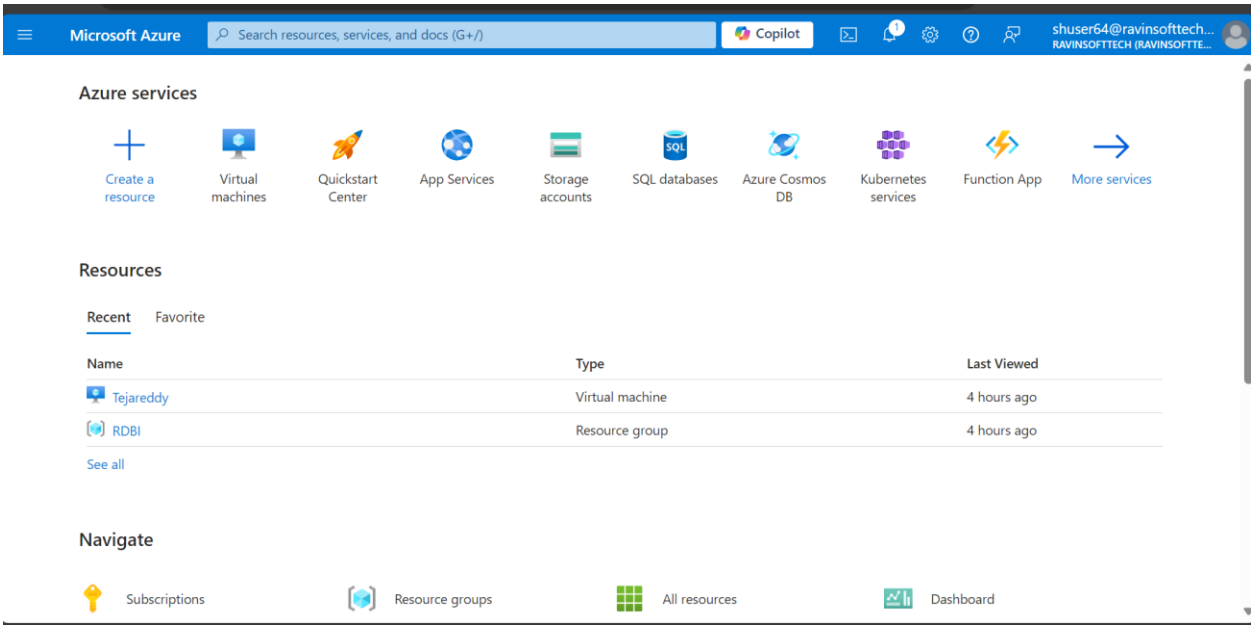
GNANATEJA REDDY PEDDIREDDY

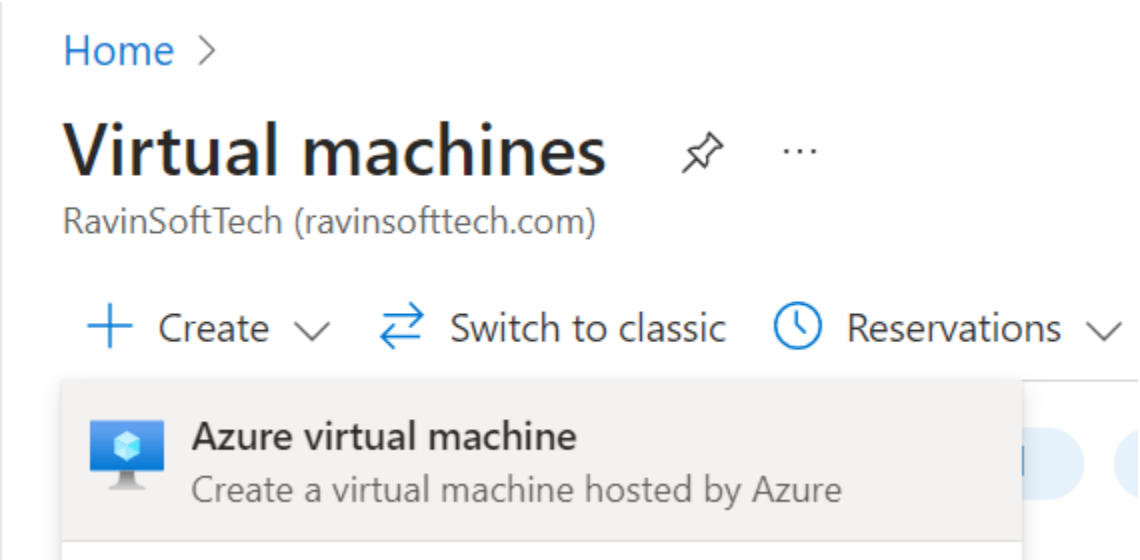
Github Link-
For final case study:
https://github.com/PGTR11/Tejareddycasestudy.git

SDLC, Agile and software Testing Task

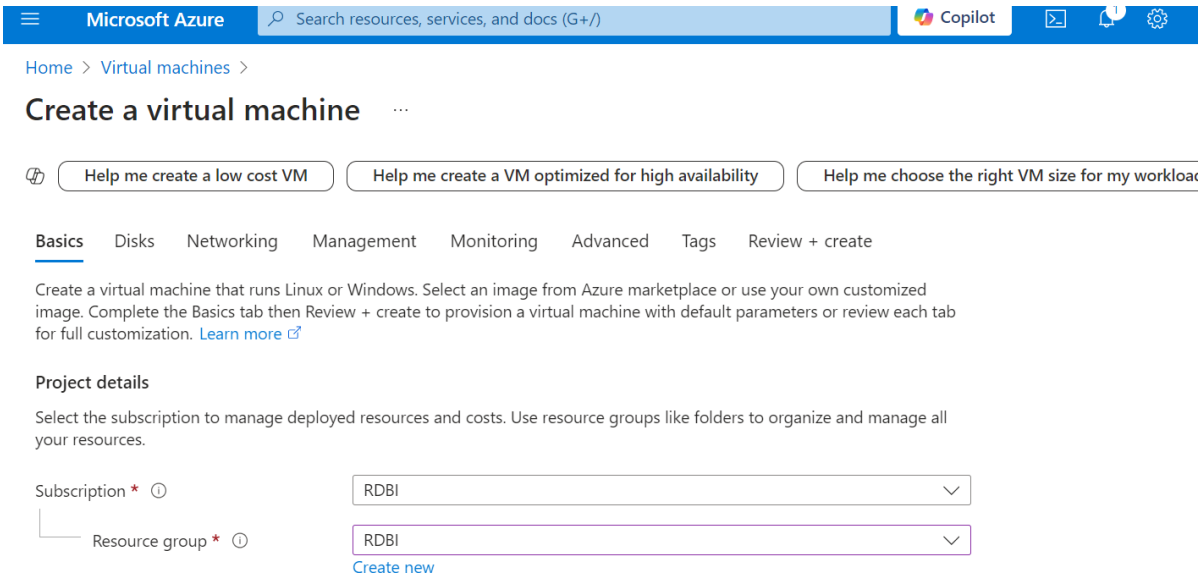
1. Open azure DevOps.



2. Create a VM



3. Fill the required information



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

Instance details

Virtual machine name * : Tejareddy11

Region * : (US) East US

Availability options : Availability zone

Availability zone * : Zone 1

Security type : Trusted launch virtual machines
Configure security features

Image * : Windows 10 Pro, version 22H2 - x64 Gen2
See all images | Configure VM generation

VM architecture : Arm64 / x64

Select inbound ports * : HTTP (80), HTTPS (443), SSH (22), RDP (3389)

All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

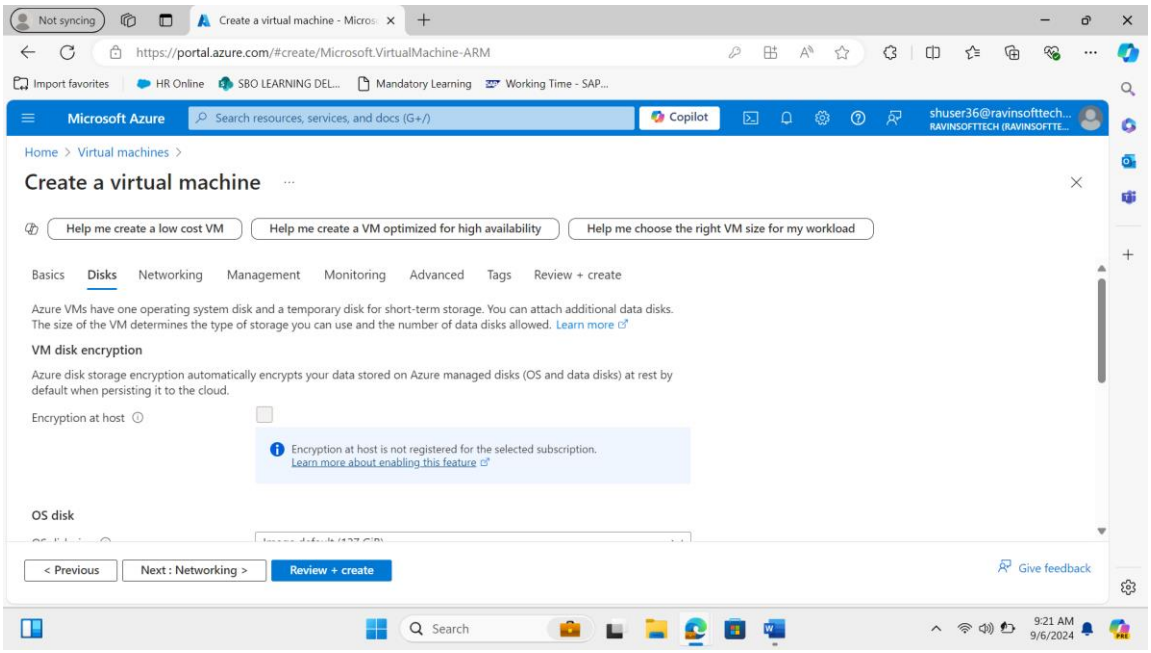
Licensing

I confirm I have an eligible Windows 10/11 license with multi-tenant hosting rights. *

Review multi-tenant hosting rights for Windows 10/11 compliance

< Previous | Next : Disks > | Review + create

4. Fill Disks



OS disk

OS disk size ⓘ — Image default (127 GiB)

OS disk type * ⓘ — Standard HDD (locally-redundant storage)

The selected VM size supports premium disks. We recommend Premium SSD for high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9% connectivity SLA.

Delete with VM ⓘ — ☑

Key management ⓘ — Platform-managed key

Enable Ultra Disk compatibility ⓘ — ☐

Data disks for ShatakshiFinalCaseStudy

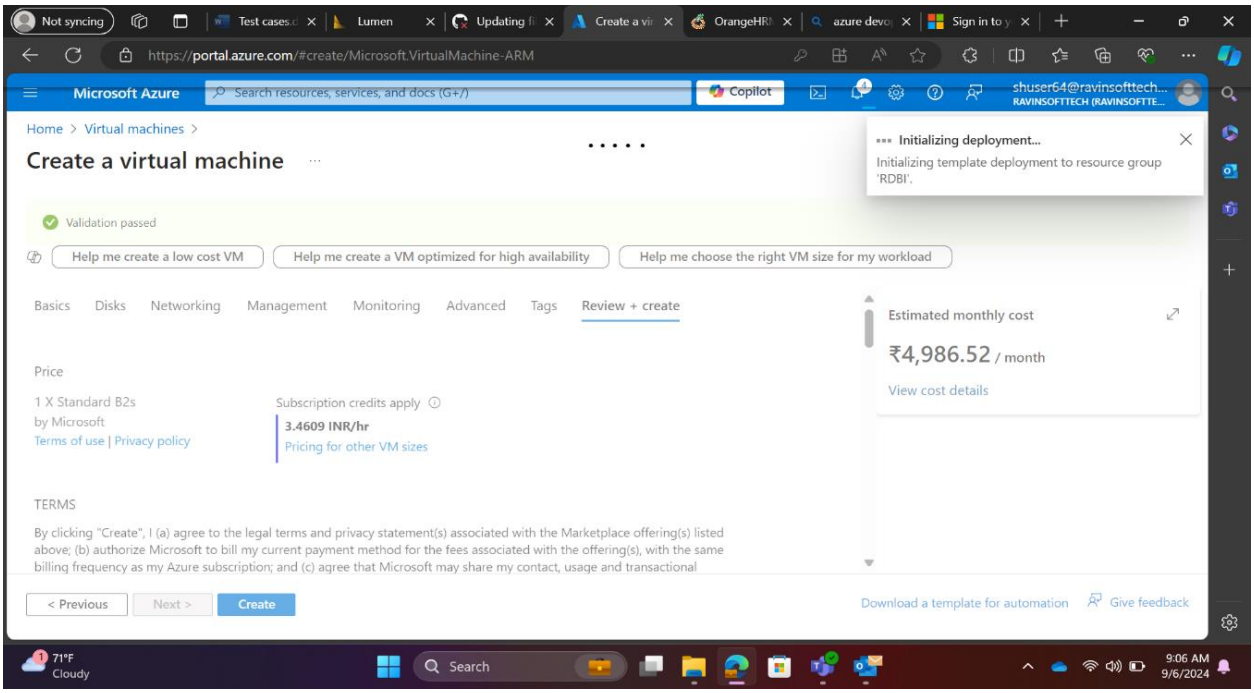
5. Fill networking

NIC network security group ⓘ
- ○ None
- ◉ Basic
- ○ Advanced

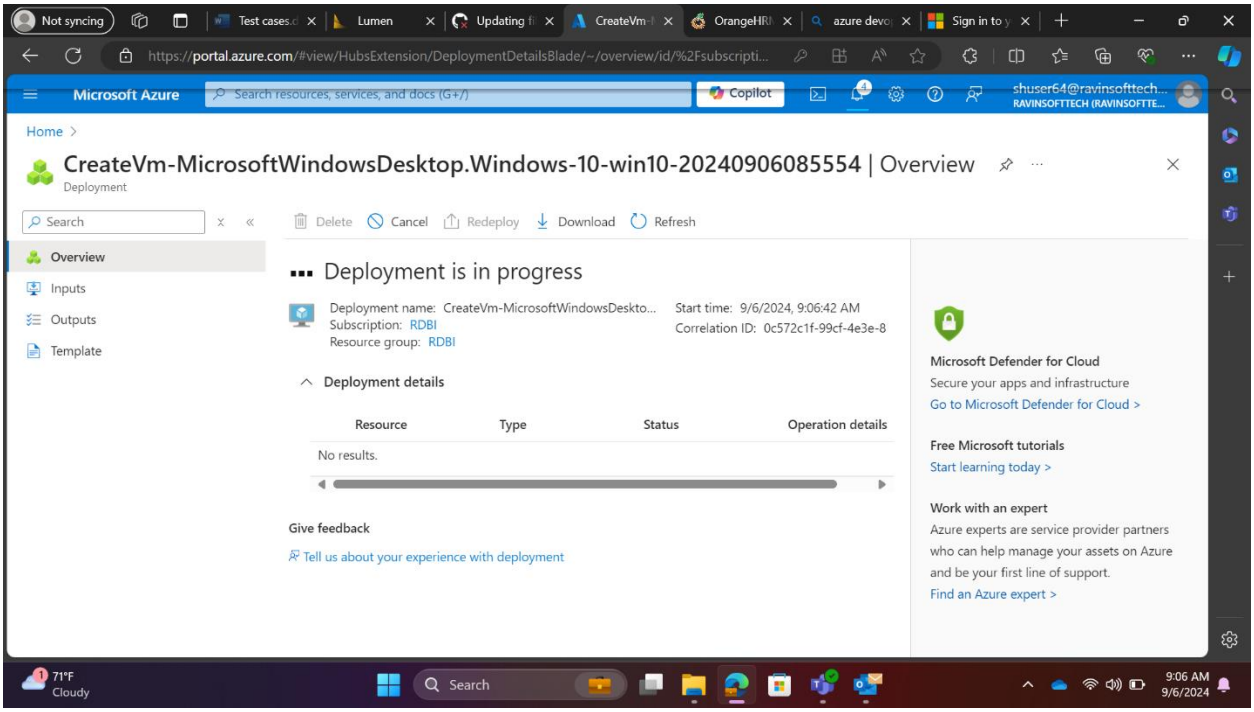
Public inbound ports * ⓘ
- ○ None
- ◉ Allow selected ports

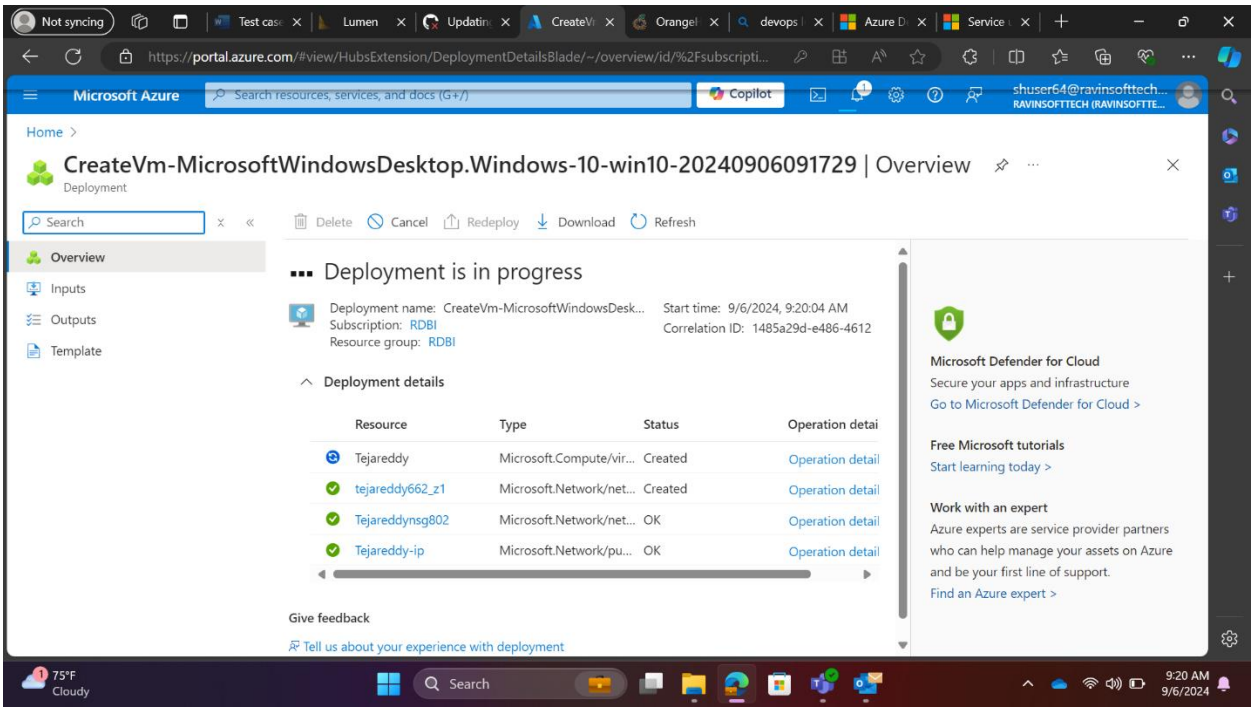
Select inbound ports * — HTTP (80), HTTPS (443), SSH (22), RDP (3389)

⚠ **This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

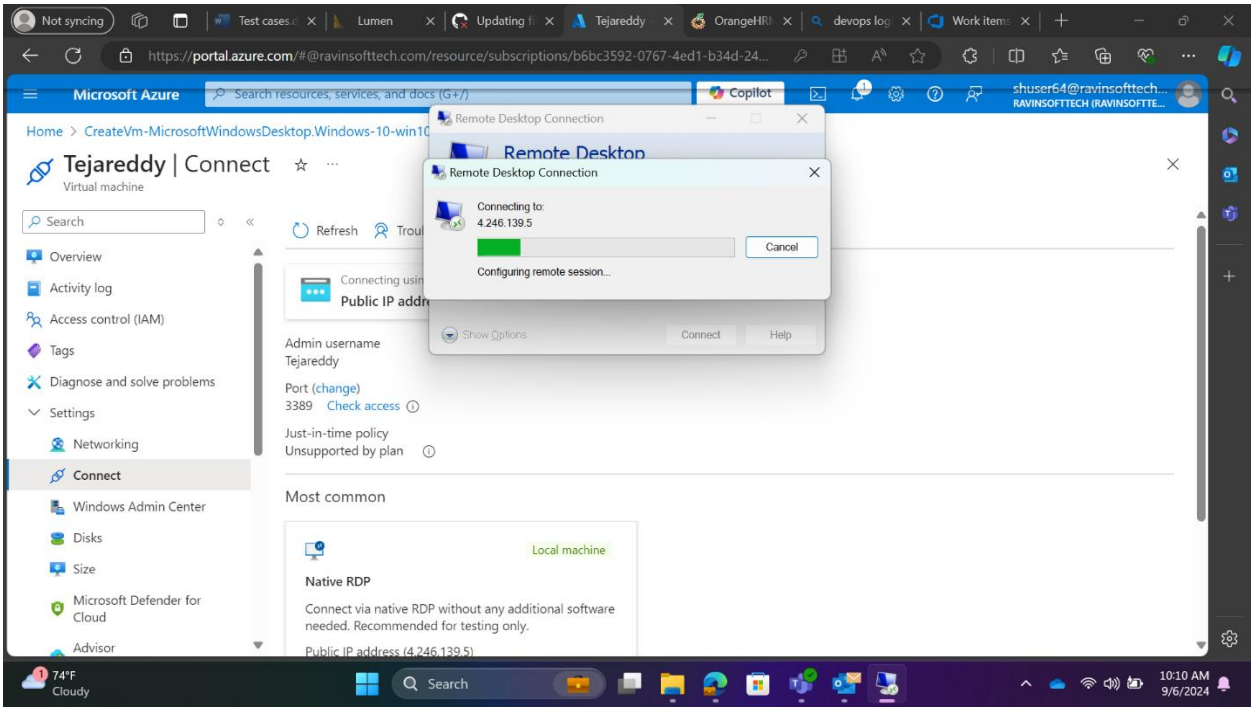


6. Deployment of VM

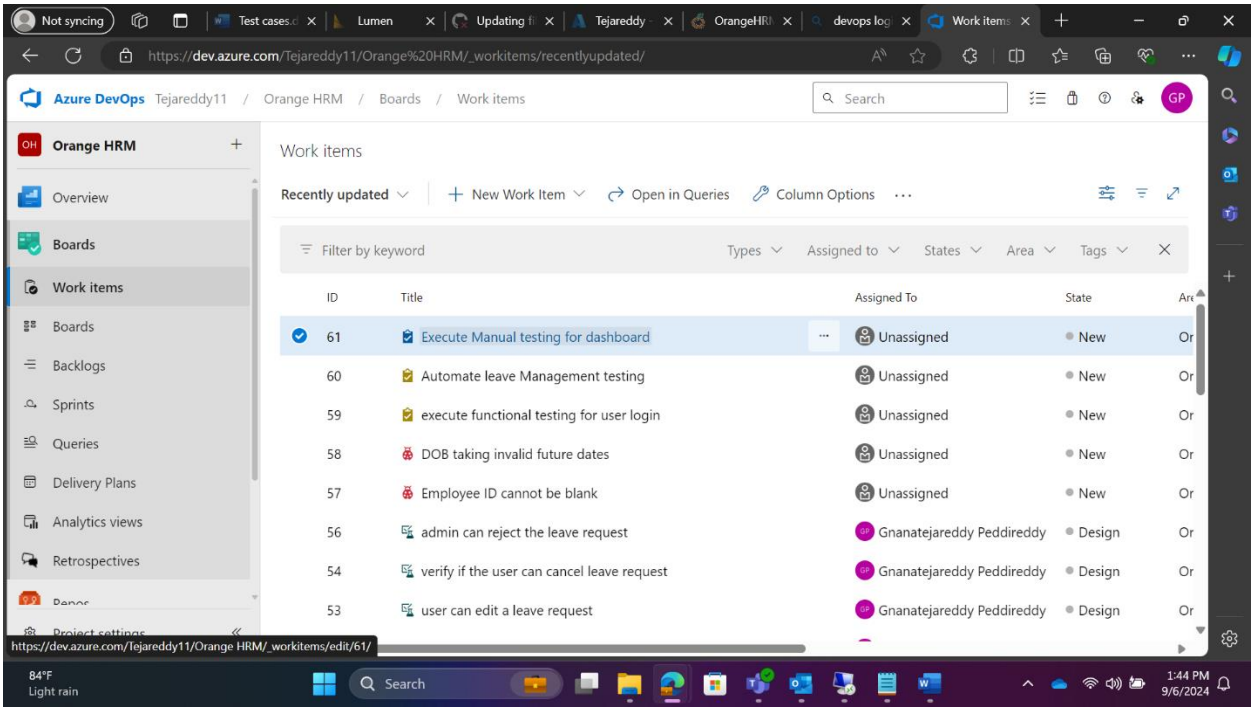




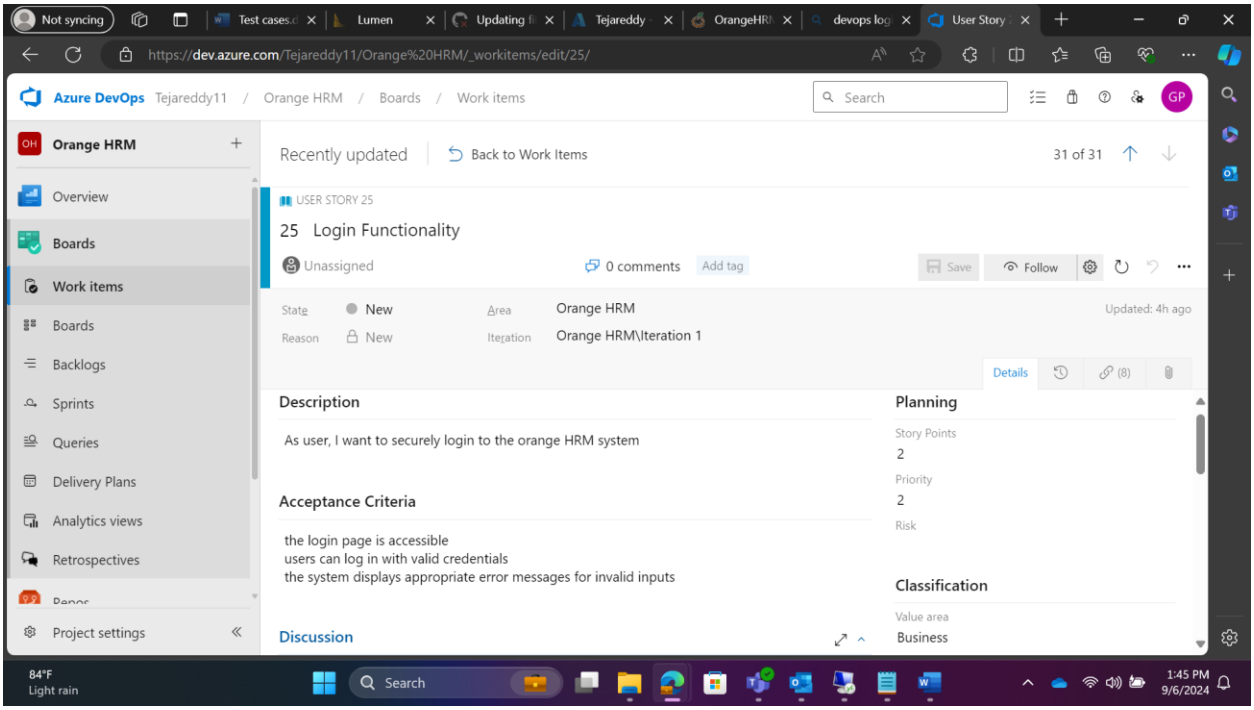
7. Connect



Azure Devops



User Story


https://dev.azure.com/Tejareddy11/Orange%20HRM/_workitems/edit/25/
Azure DevOps Tejareddy11 / Orange HRM / Boards / Work items
Search
Orange HRM
Overview
Boards
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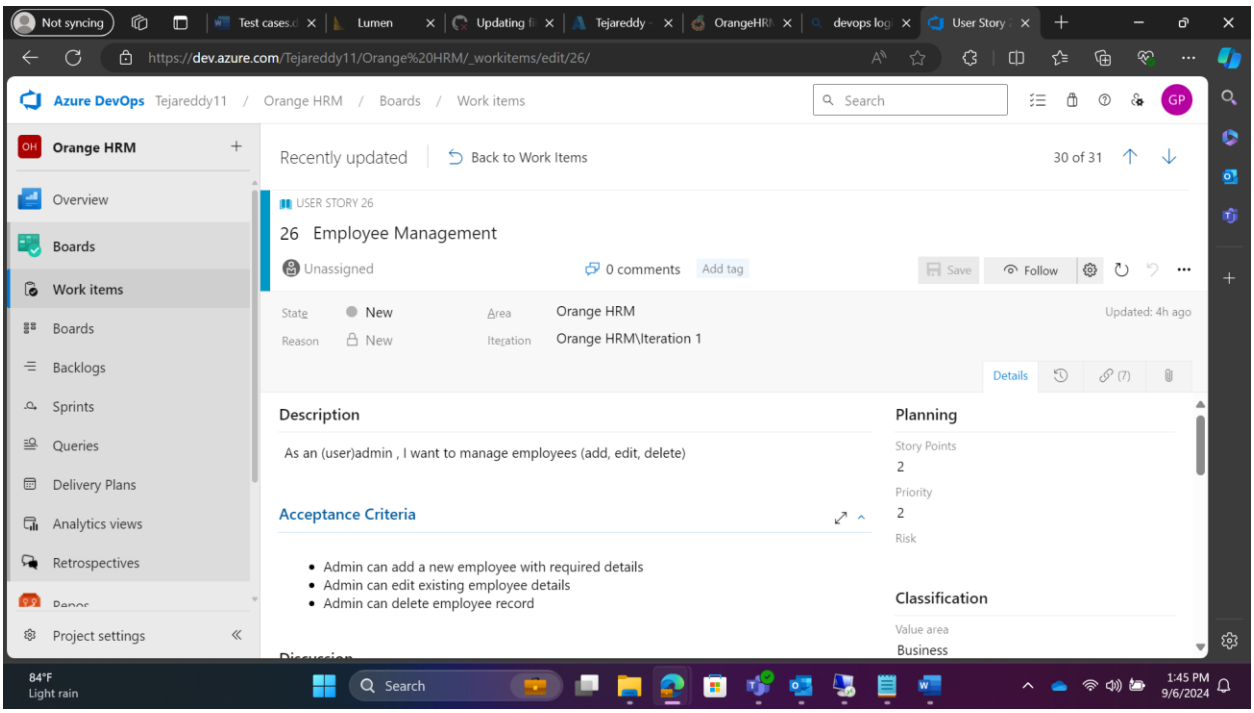
USER STORY 25
25 Login Functionality
Unassigned
0 comments
Add tag
Save
Follow
State New
Reason New
Area Orange HRM
Iteration Orange HRM\Iteration 1
Updated: 4h ago
Details
Description
As user, I want to securely login to the orange HRM system
Acceptance Criteria
the login page is accessible
users can log in with valid credentials
the system displays appropriate error messages for invalid inputs
Discussion
Planning
Story Points
2
Priority
2
Risk
Classification
Value area
Business
84°F
Light rain
Search
1:45 PM
9/6/2024


https://dev.azure.com/Tejareddy11/Orange%20HRM/_workitems/edit/26/
Azure DevOps Tejareddy11 / Orange HRM / Boards / Work items
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Orange HRM
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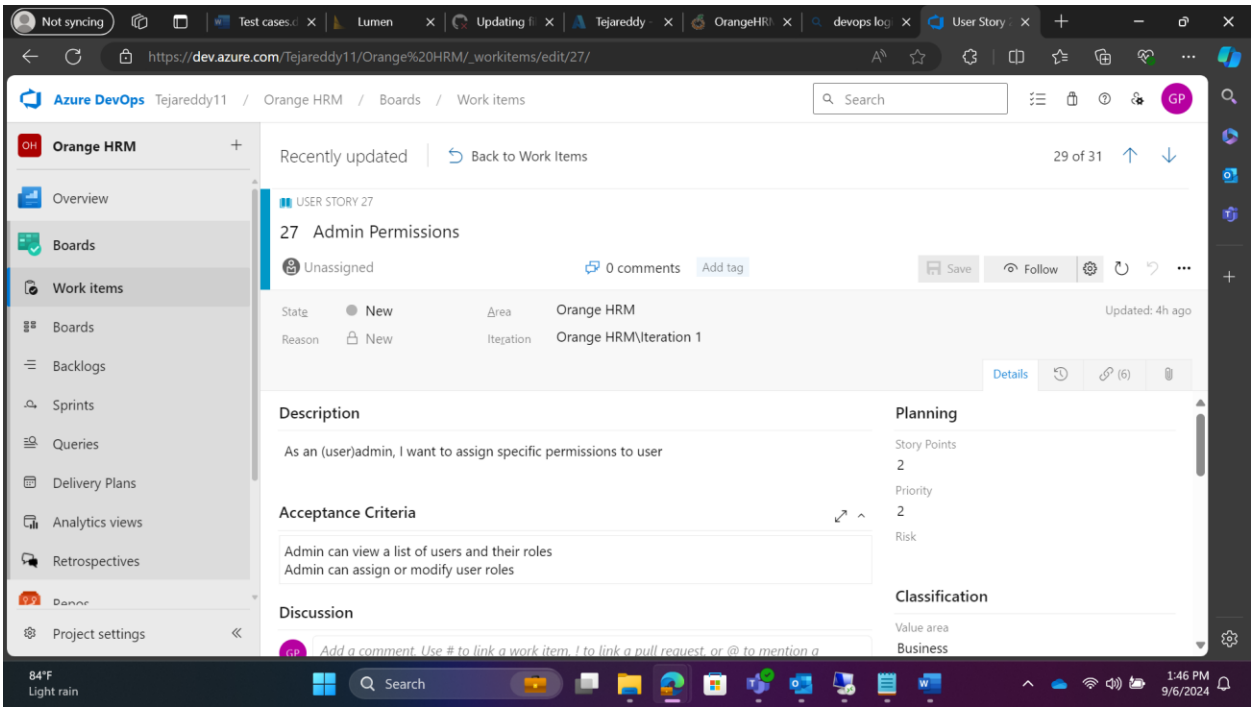
Analytics views
Retrospectives
Project settings
Recently updated
Back to Work Items
30 of 31
USER STORY 26
26 Employee Management
Unassigned
0 comments
Add tag
Save
Follow
State New
Reason New
Area Orange HRM
Iteration Orange HRM\Iteration 1
Updated: 4h ago
Details
Description
As an (user)admin , I want to manage employees (add, edit, delete)
Acceptance Criteria
Admin can add a new employee with required details
Admin can edit existing employee details
Admin can delete employee record
Planning
Story Points
2
Priority
2
Risk
Classification
Value area
Business
84°F
Light rain
Search
1:45 PM
9/6/2024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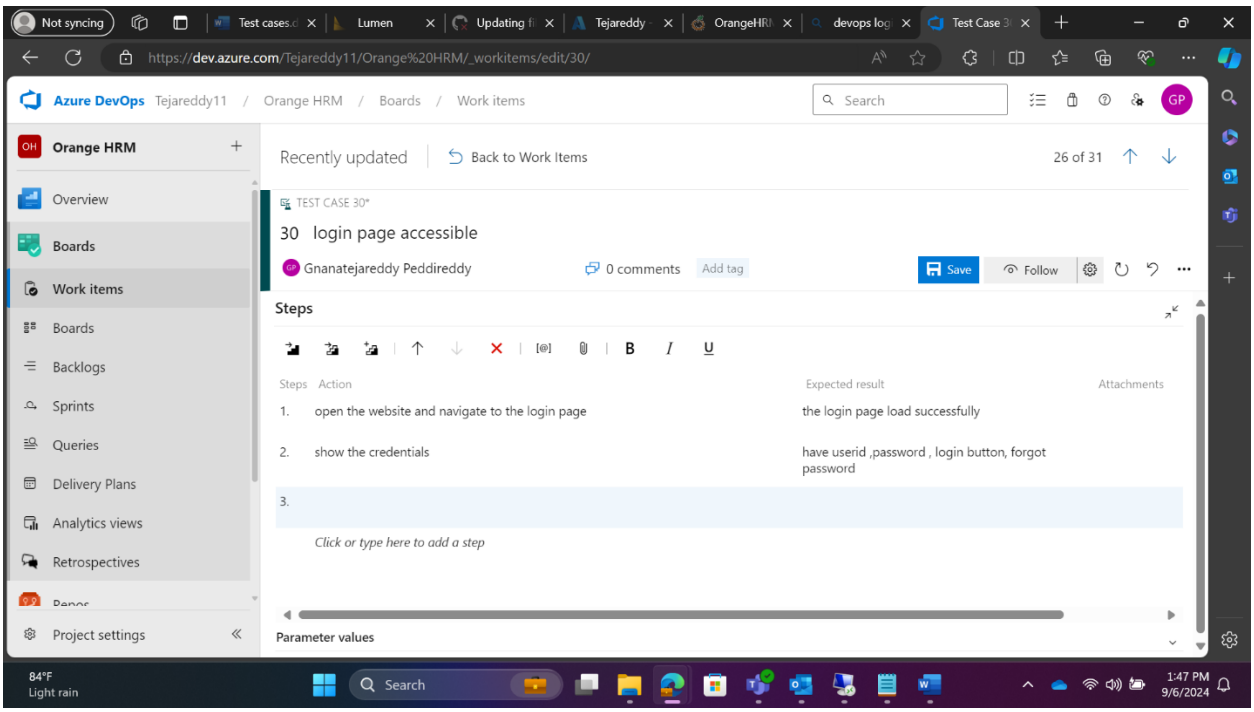
Search
Orange HRM
Overview
Boards
Work items
Boards
Backlogs
Sprints
Queries
Delivery Plans
Analytics views
Retrospectives
Project settings
Recently updated
Back to Work Items
29 of 31
USER STORY 27
27 Admin Permissions
Unassigned
0 comments
Add tag
Save
Follow
State New
Reason New
Area Orange HRM
Iteration Orange HRM\Iteration 1
Updated: 4h ago
Details
Description
As an (user)admin, I want to assign specific permissions to user
Acceptance Criteria
Admin can view a list of users and their roles
Admin can assign or modify user roles
Discussion
Planning
Story Points
2
Priority
2
Risk
Classification
Value area
Business
84°F
Light rain
Search
1:46 PM
9/6/2024

Testcases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Queries
Delivery Plans
Analytics views
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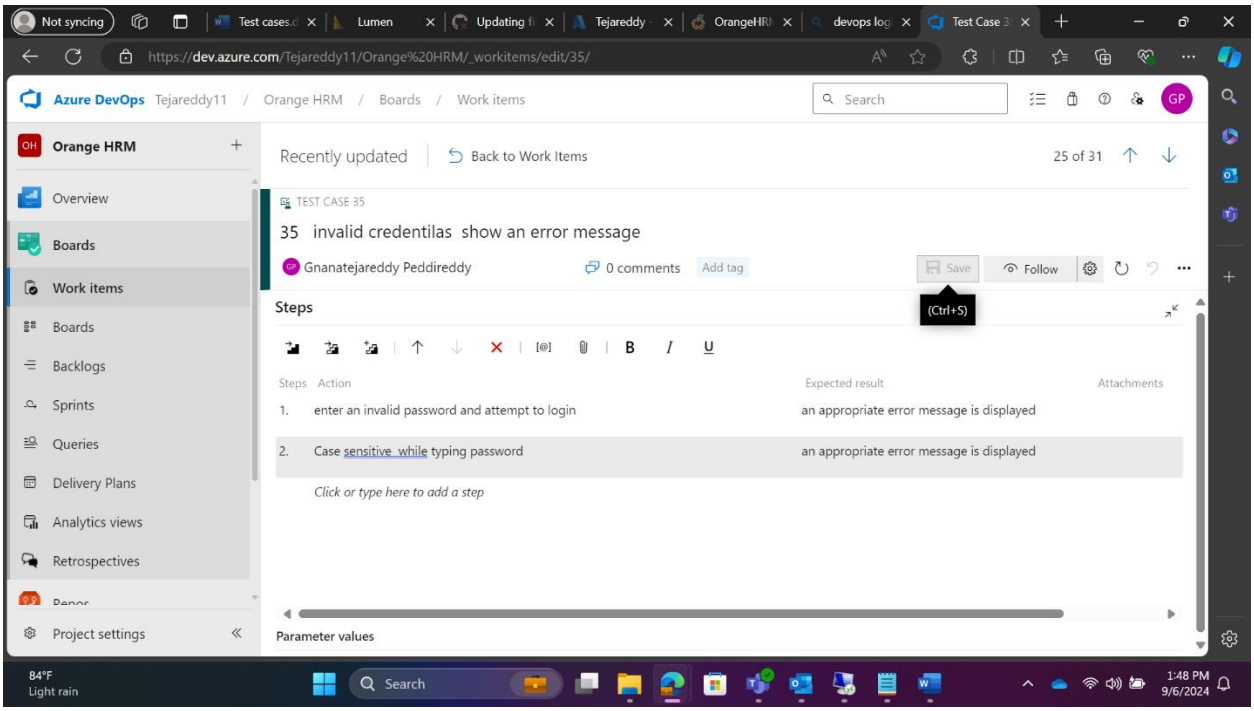
Project settings
Recently updated
Back to Work Items
26 of 31
TEST CASE 30*
30 login page accessible
Gnanatejareddy Peddireddy
0 comments
Add tag
Save
Follow
Steps
Steps Action Expected result Attachments
1. open the website and navigate to the login page
the login page load successfully
2. show the credentials
have userid ,password , login button, forgot password
3.
Click or type here to add a step
Parameter values
84°F
Light rain
Search
1:47 PM
9/6/2024


Not syncing
Test cases.d
Lumen
Updating fi
Tejareddy
OrangeHRM
devops log
Test Case 3
https://dev.azure.com/Tejareddy11/Orange%20HRM/_workitems/edit/35/
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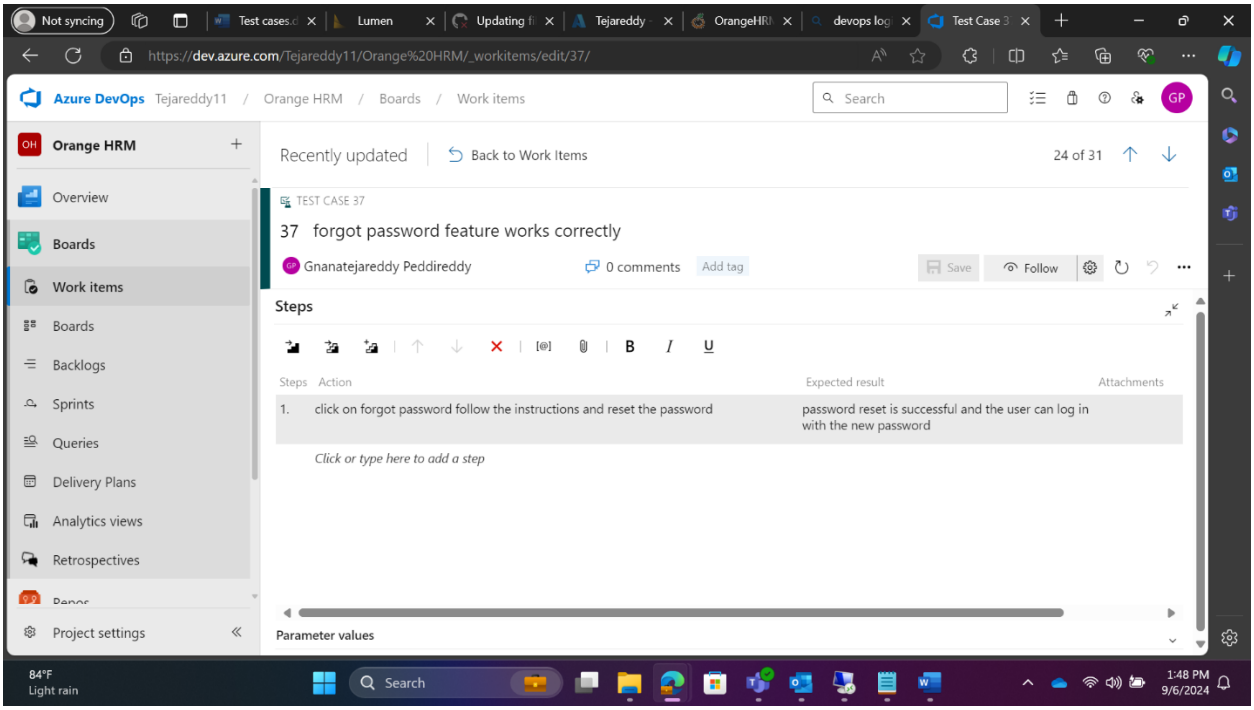
Recently updated
Back to Work Items
25 of 31
TEST CASE 35
35 invalid credentilas show an error message
Gnanatejareddy Peddireddy
0 comments
Add tag
Save
Follow
(Ctrl+S)
Steps
Steps Action Expected result Attachments
1. enter an invalid password and attempt to login an appropriate error message is displayed
2. Case sensitive while typing password an appropriate error message is displayed
Click or type here to add a step
Parameter values
84°F
Light rain
Search
1:48 PM
9/6/2024


Not syncing
Test cases.d
Lumen
Updating fi
Tejareddy
OrangeHRM
devops log
Test Case 3
https://dev.azure.com/Tejareddy11/Orange%20HRM/_workitems/edit/37/
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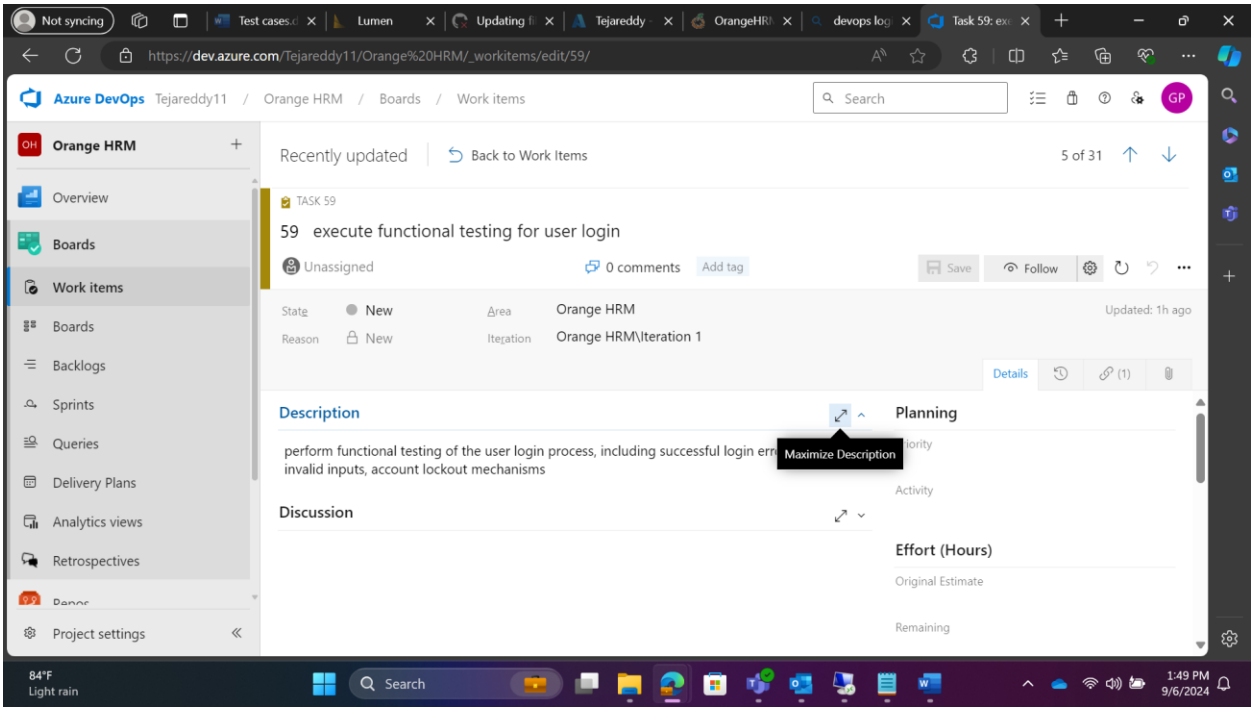
Recently updated
Back to Work Items
24 of 31
TEST CASE 37
37 forgot password feature works correctly
Gnanatejareddy Peddireddy
0 comments
Add tag
Save
Follow
Steps
Steps Action Expected result Attachments
1. click on forgot password follow the instructions and reset the password password reset is successful and the user can log in with the new password
Click or type here to add a step
Parameter values
84°F
Light rain
Search
1:48 PM
9/6/2024

Tasks


Azure DevOps Tejareddy11 / Orange HRM / Boards / Work items
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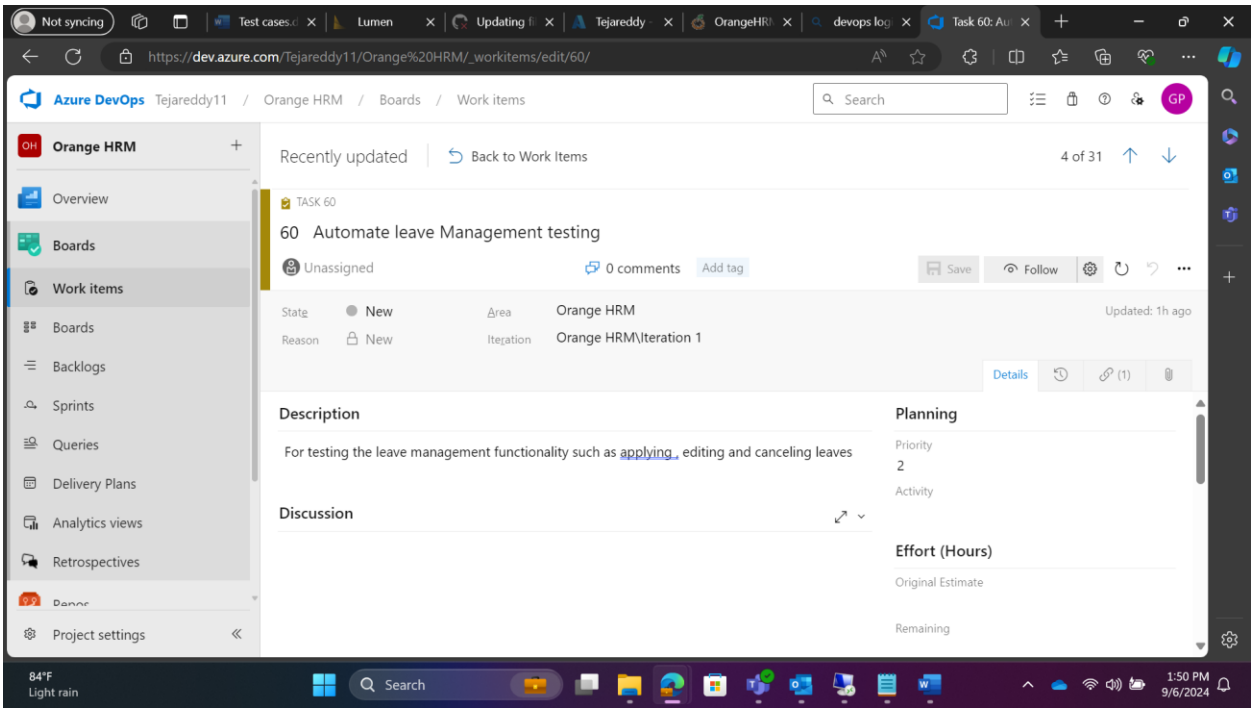
Delivery Plans
Analytics views
Retrospectives
Project settings
Recently updated
Back to Work Items
5 of 31
TASK 59
59 execute functional testing for user login
Unassigned
0 comments
Add tag
Save
Follow
State New
Reason New
Area Orange HRM
Iteration Orange HRM\Iteration 1
Updated: 1h ago
Details
Description
perform functional testing of the user login process, including successful login err
invalid inputs, account lockout mechanisms
Maximize Description
Discussion
Planning
Activity
Effort (Hours)
Original Estimate
Remaining


Azure DevOps Tejareddy11 / Orange HRM / Boards / Work items
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Boards
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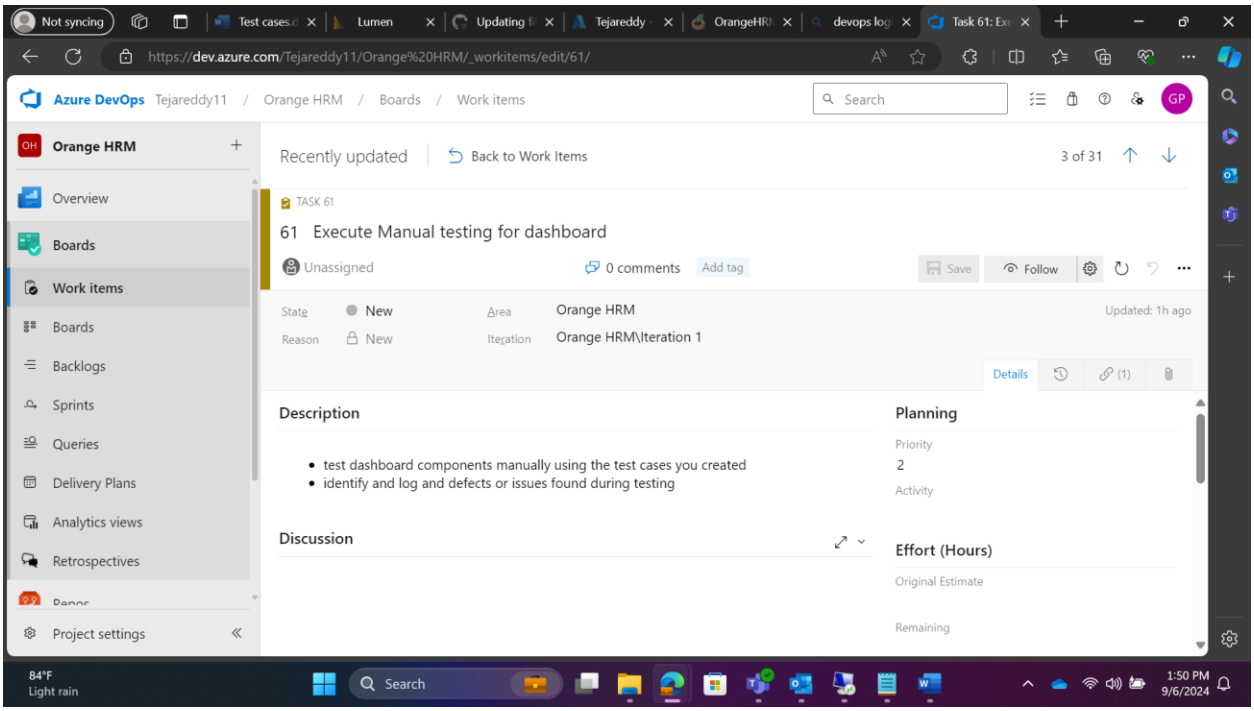
Delivery Plans
Analytics views
Retrospectives
Project settings
Recently updated
Back to Work Items
4 of 31
TASK 60
60 Automate leave Management testing
Unassigned
0 comments
Add tag
Save
Follow
State New
Reason New
Area Orange HRM
Iteration Orange HRM\Iteration 1
Updated: 1h ago
Details
Description
For testing the leave management functionality such as applying , editing and canceling leaves
Discussion
Planning
Priority
2
Activity
Effort (Hours)
Original Estimate
Remaining


https://dev.azure.com/Tejareddy11/Orange%20HRM/_workitems/edit/61/
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Search
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Project settings
Recently updated
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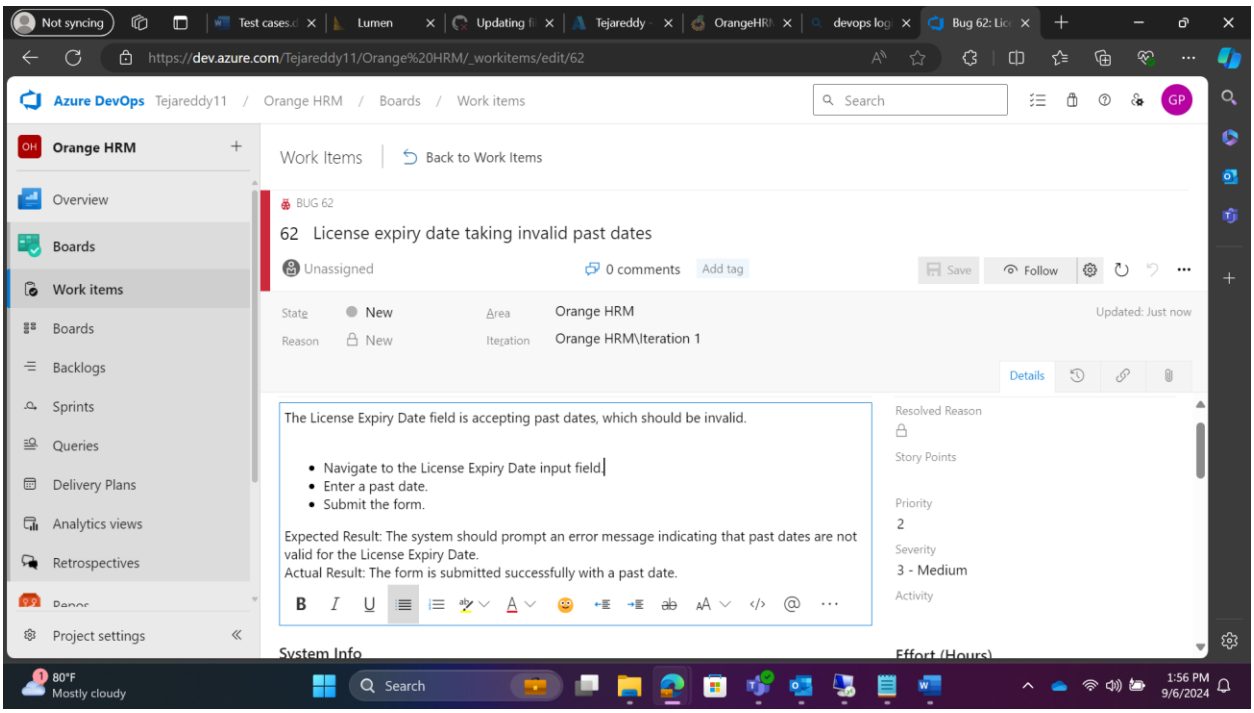
3 of 31
TASK 61
61 Execute Manual testing for dashboard
Unassigned
0 comments
Add tag
Save
Follow
State New
Reason New
Area Orange HRM
Iteration Orange HRM\Iteration 1
Updated: 1h ago
Details
Description
test dashboard components manually using the test cases you created
identify and log and defects or issues found during testing
Discussion
Planning
Priority
2
Activity
Effort (Hours)
Original Estimate
Remaining
84°F
Light rain
Search
1:50 PM
9/6/2024

Bugs


https://dev.azure.com/Tejareddy11/Orange%20HRM/_workitems/edit/62
Azure DevOps Tejareddy11 / Orange HRM / Boards / Work items
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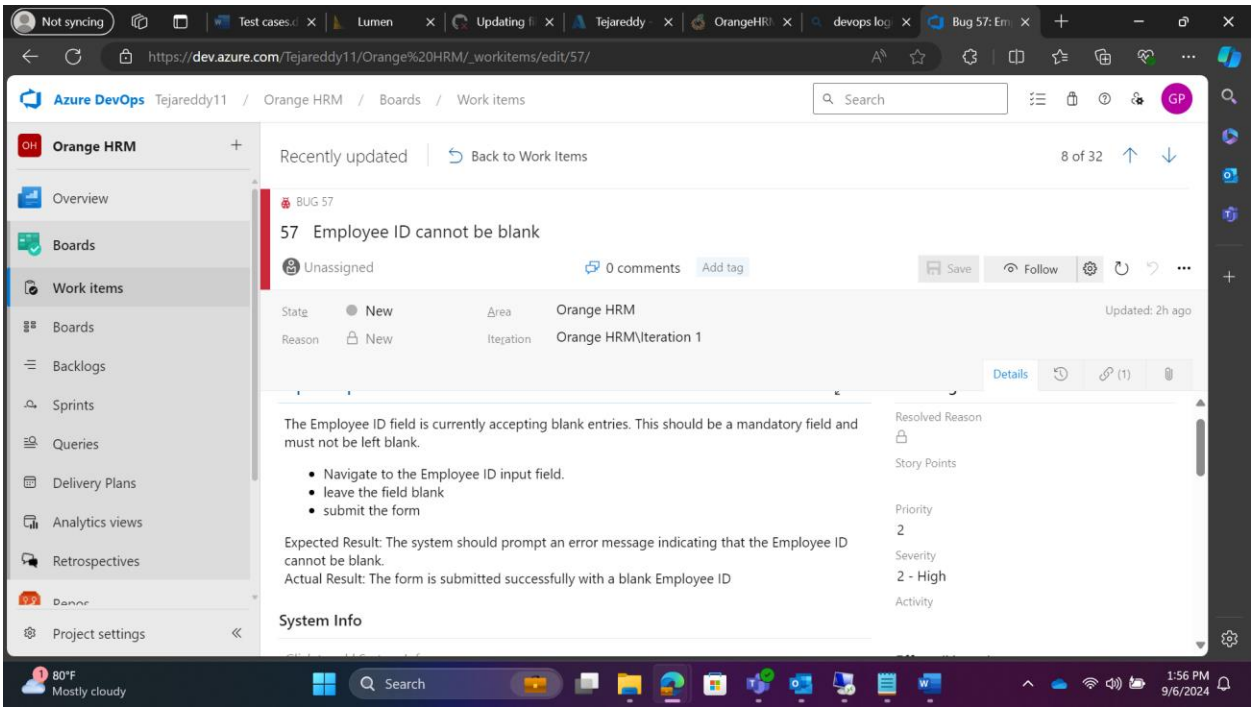
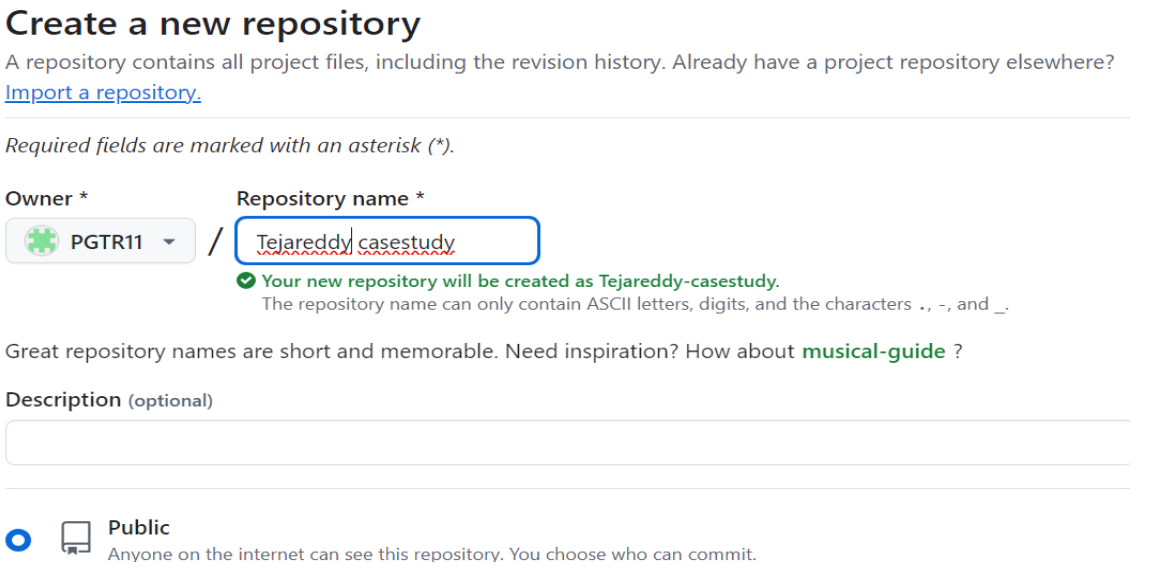
Project settings
Work Items
Back to Work Items
BUG 62
62 License expiry date taking invalid past dates
Unassigned
0 comments
Add tag
Save
Follow
State New
Reason New
Area Orange HRM
Iteration Orange HRM\Iteration 1
Updated: Just now
Details
The License Expiry Date field is accepting past dates, which should be invalid.
Navigate to the License Expiry Date input field.
Enter a past date.
Submit the form.
Expected Result: The system should prompt an error message indicating that past dates are not valid for the License Expiry Date.
Actual Result: The form is submitted successfully with a past date.
Resolved Reason
Story Points
Priority
2
Severity
3 - Medium
Activity
System Info
Effort (Hours)
80°F
Mostly cloudy
Search
1:56 PM
9/6/2024



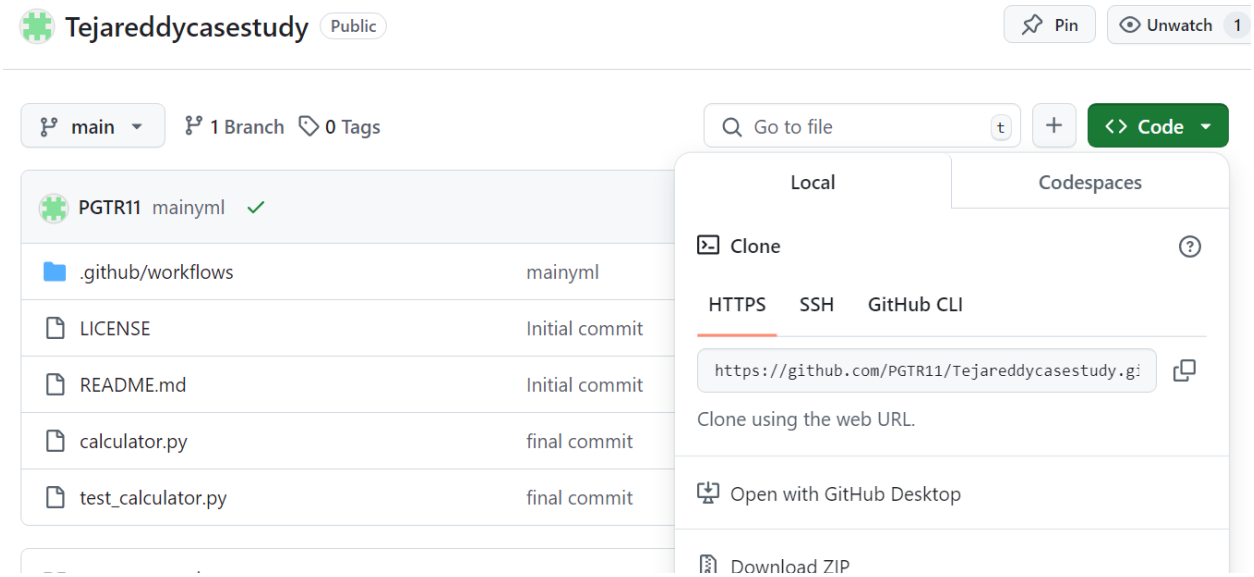
Github

Creating repository

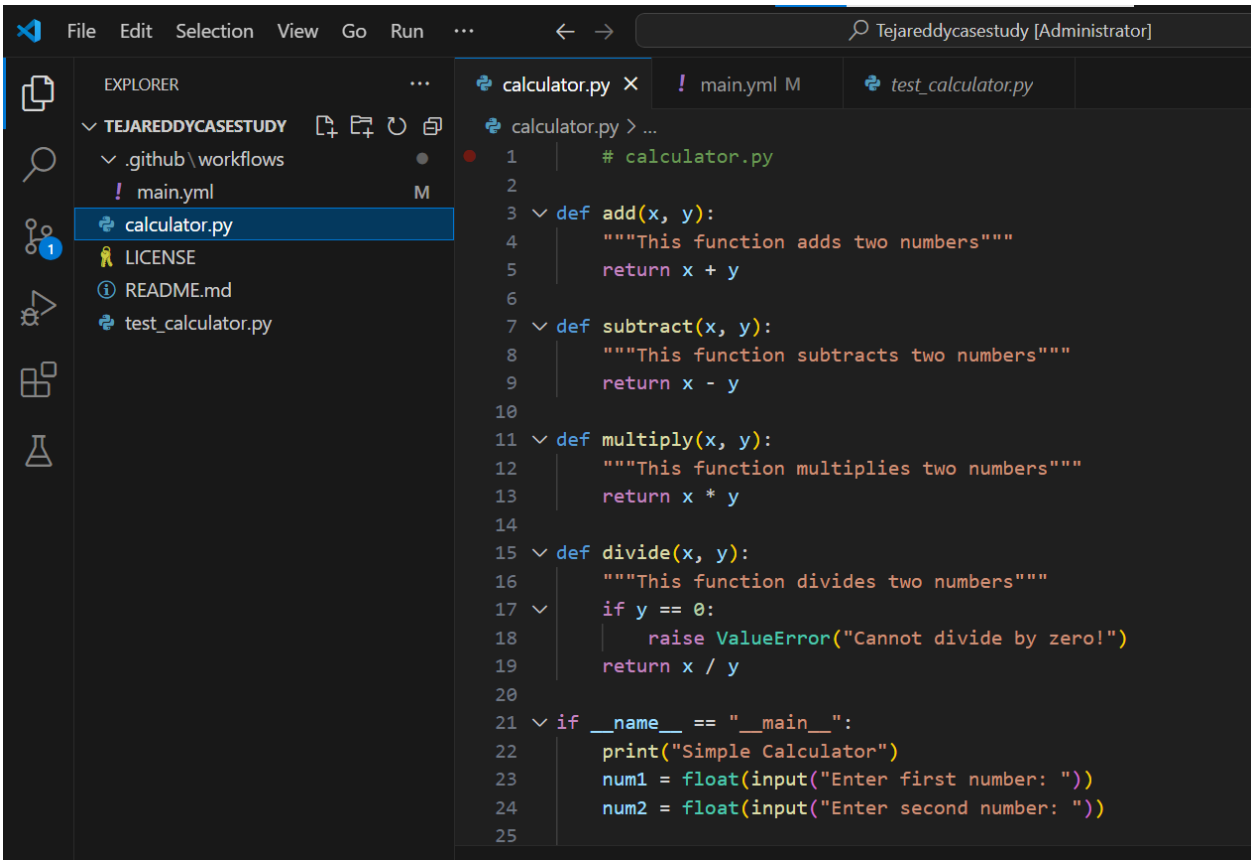
.

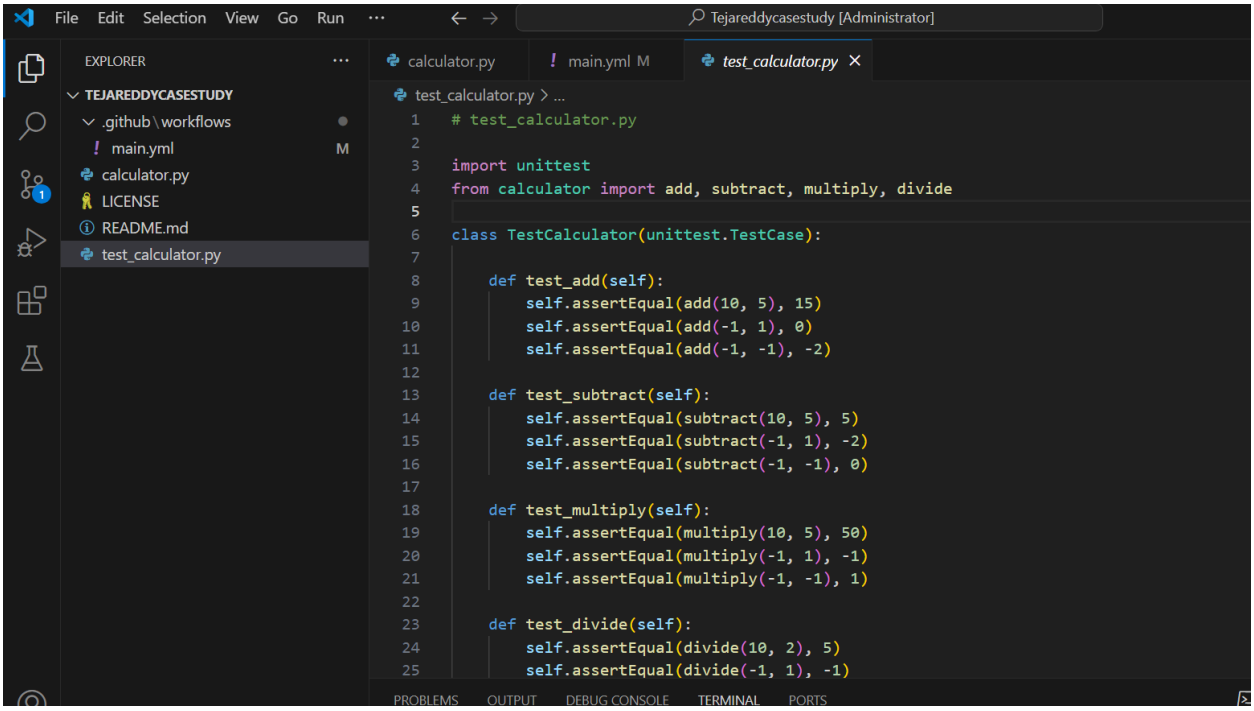


Getting Git link:

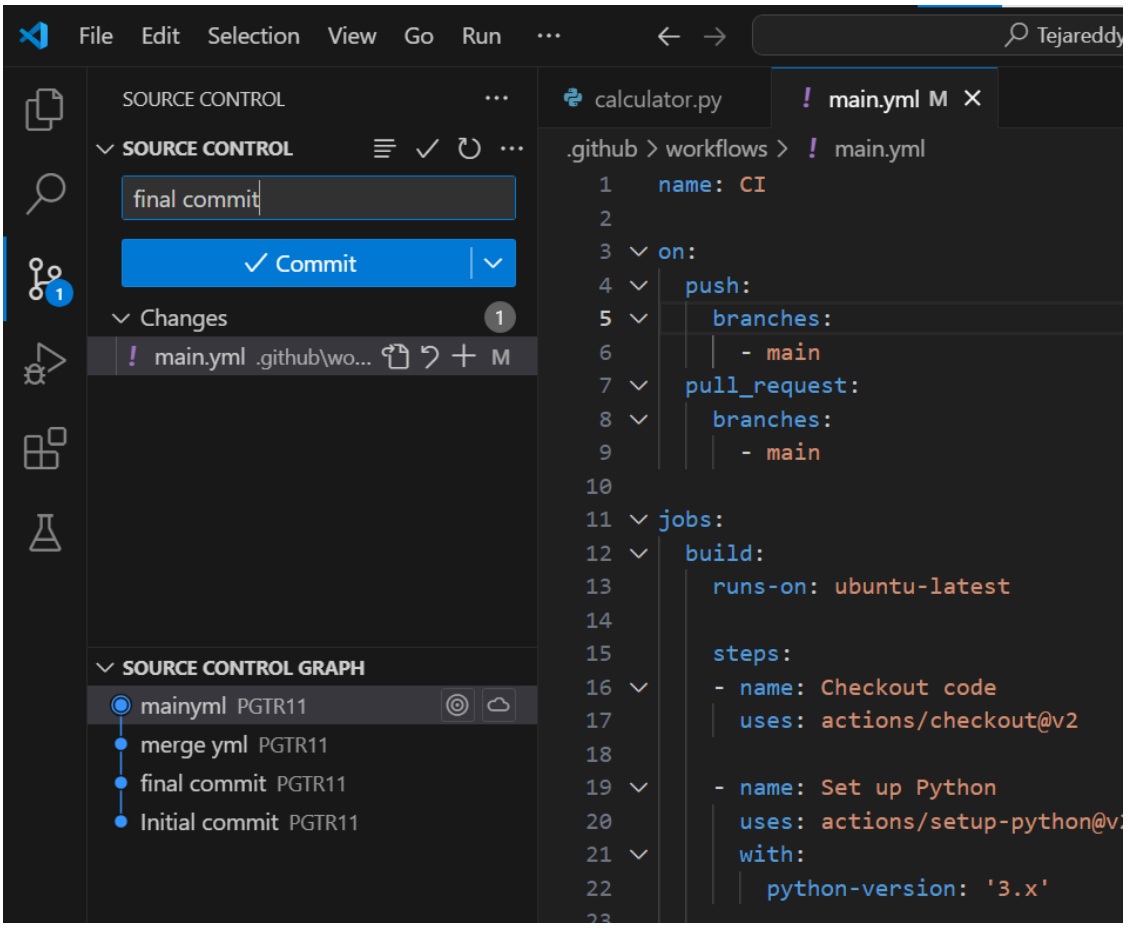


Adding code files

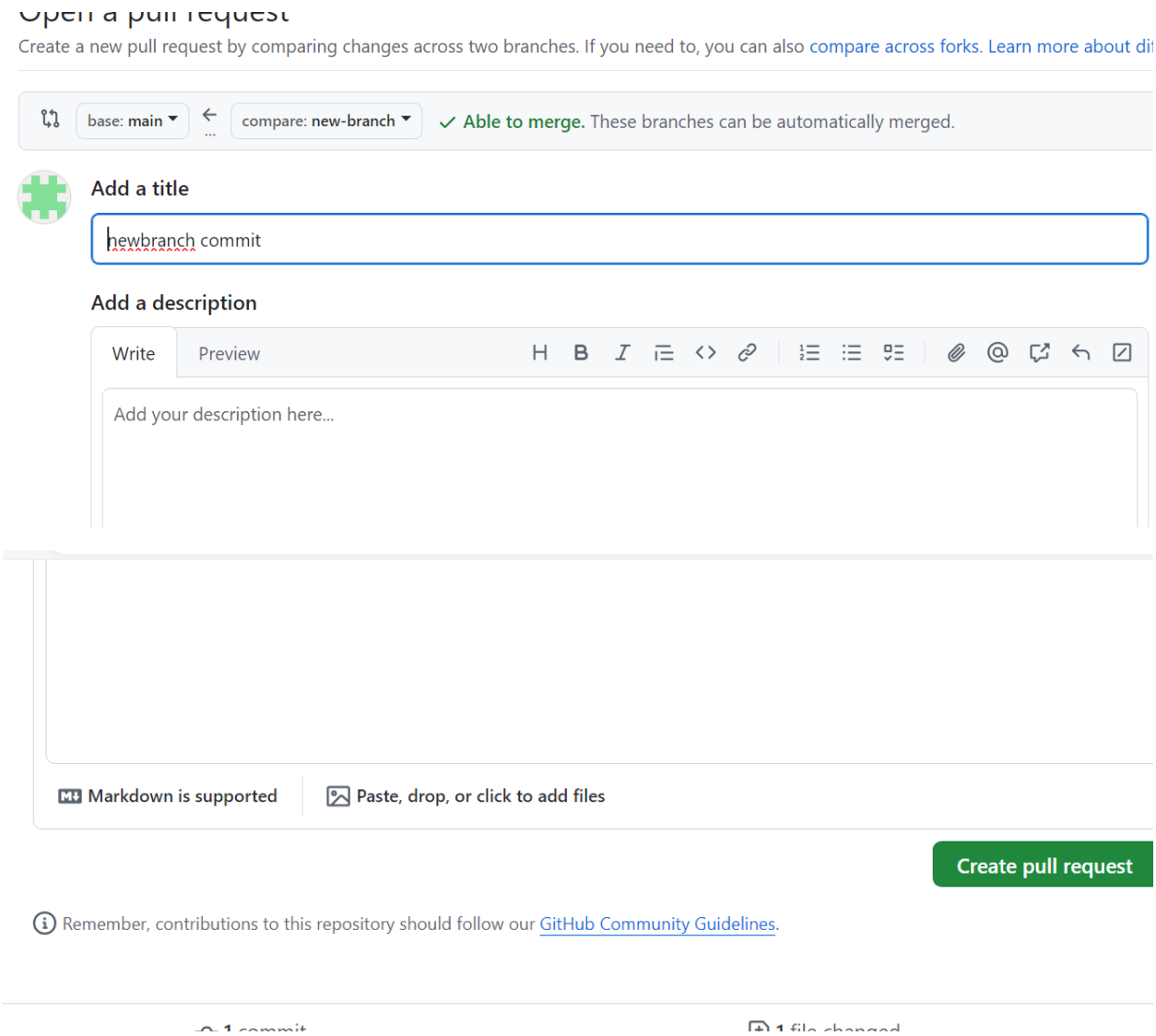
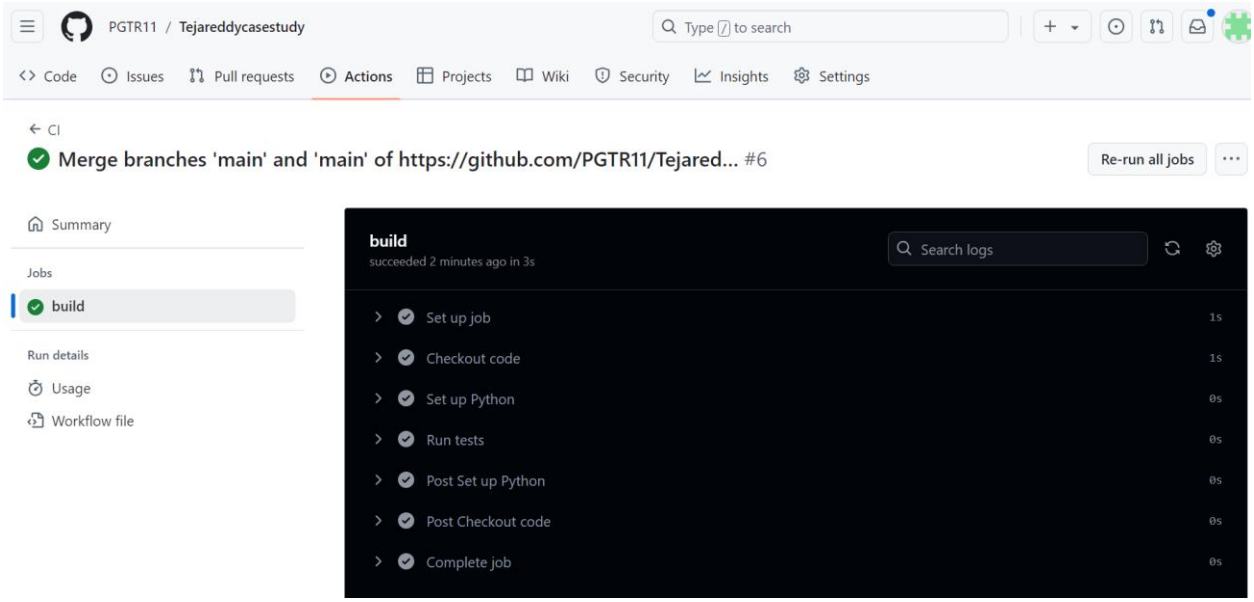




Committing changes



Opening and merging pull request for another branch



Successfully building it