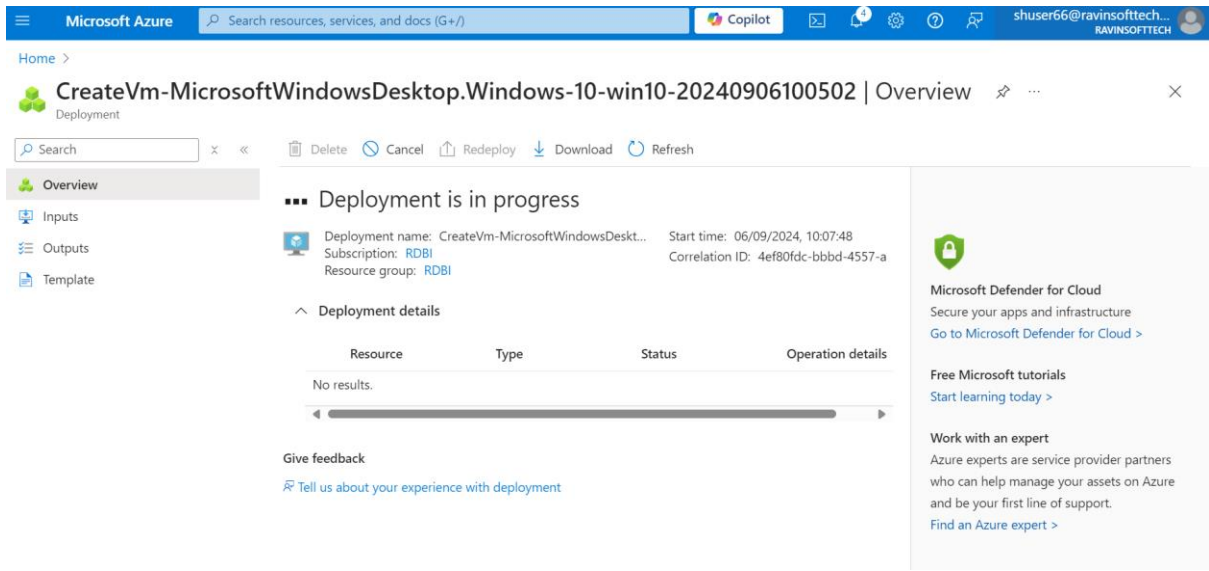


CASE STUDY

Name: Insha Mustafa

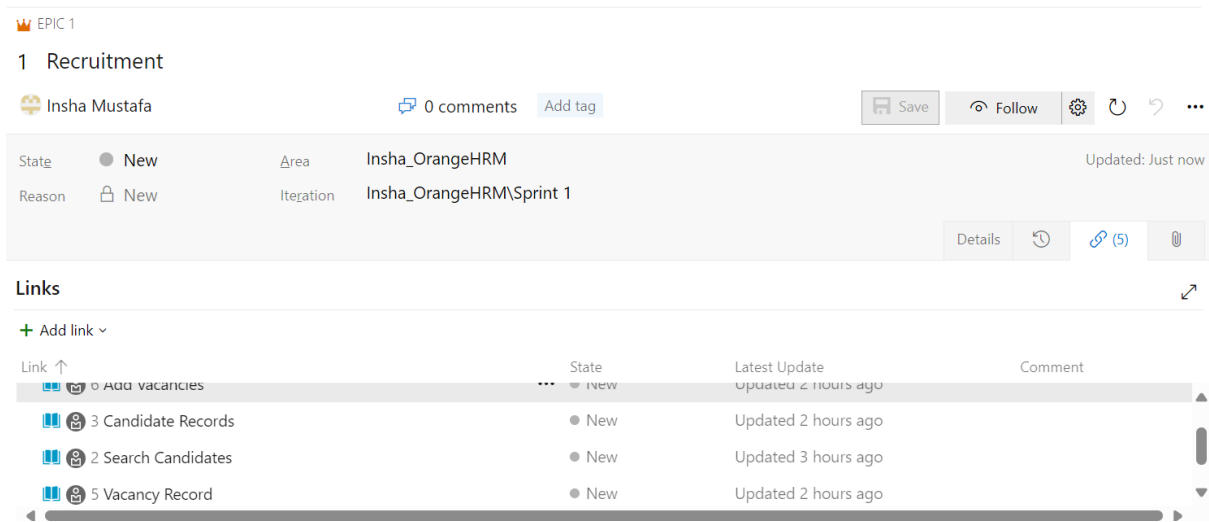
Date: 6th September 2024

- Creation of VM



- Azure DevOps

-creation of epic



- creation of user story

Insha_OrangeHRM Team
6 September - 20 September
11 work days remaining

Taskboard | Backlog | Capacity | Analytics |
 + New Work Item ...

Sprint 1 | Person: All |
 Filter |
 Settings |
 Refresh

	New	Active	Resolved	Closed
6 Add Vacancies Unassigned State ● New	+			
5 Vacancy Record Unassigned State ● New	+			
4 Vacancy Search Unassigned State ● New				

USER STORY 5

5 Vacancy Record

Unassigned 0 comments Add tag

State ● New
Area Insha_OrangeHRM
Updated: 4h ago

Reason 📄 New
Iteration Insha_OrangeHRM\Sprint 1

As a HR, I want to be able to edit or delete a vacancy present in the organization.

As a developer I want to fetch candidate records from the database and display it on the page for easy fetching of candidate records containing:

- Hiring Manager
- Job Title
- Vacancy
- Actions - Delete, Edit, Download

As a tester, I want to check if correct records are being fetched from the database and whether it can be deleted/modified from the database.

Story points: 3

Priority: 2

Risk: 2 - Medium

Classification

Value area: Business

Details | Refresh | Link (8) | Attach

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

USER STORY 3

3 Candidate Records

Unassigned0 commentsAdd tag

SaveFollowSettingsRefresh

ReasonNewIterationInsha_OrangeHRM\Sprint 1

Updated by Insha Mustafa: 2h ago

Details🕒🔗 (8)

As a HR, I want to be able to delete or review a candidates application.

As a developer I want to fetch candidate records from the database and display it on the page for easy fetching of candidate records containing:

- Candidate
- Hiring Manager
- Date of Application
- Vacancy
- Status of application
- Actions - Delete, Review

As a tester, I want to check if correct records are being fetched from the

3

Priority

2

Risk

2 - Medium

Classification

Value area

Business

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

-creation of tasks

TASK 15

15 Search candidate

Unassigned0 commentsAdd tag

Save & CloseFollowSettingsRefreshUndoMore

StateNewAreaInsha_OrangeHRMReasonNewIterationInsha_OrangeHRM\Sprint 1

Updated by Insha Mustafa: 2h ago

Details🕒🔗 (2)📎

Description

As a developer, I want to develop a search function wherein anyone could search candidates based on

- Job Title
- Vacancy
- Hiring Manager
- Status
- Candidate Name
- Keywords
- Date of Application
- Method of Application

to search a candidate who applied.

Planning

Priority

2

Activity

Development

Effort (Hours)

Original Estimate

6

Remaining

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

TASK 12

12 Test search vacancies

Unassigned0 commentsAdd tag

SaveFollowSettingsRefresh

StateNewAreaInsha_OrangeHRMReasonNewIterationInsha_OrangeHRM\Sprint 1

Updated

Details🕒🔗 (1)

Description

As a tester I want to check if accurate results show up if appropriate values are filled in all the fields.

Discussion

Planning

Priority

2

Activity

Testing

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](#)

-creation of test case

TEST CASE 30

30 Validate deletion of candidate record

Insha Mustafa 0 comments [Add tag](#) [Save](#) [Follow](#) [Settings](#) [Refresh](#) [Share](#)

State Design Area Insha_OrangeHRM Updated: Just now

Reason New Iteration Insha_OrangeHRM\Sprint 1

Steps

Summary

Associated Automation

(1)

Steps	Action	Expected result
1.	Navigate to recruitment, candidate page	Displays search
2.	Select a record	Displays tick i
3.	Click on delete selected	Displays a pop
4.	Click on yes, delete	Does not disp

Click or type here to add a step

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.

-creation of bug

Recently updated | [Back to Work Items](#) 1 of 24 [Up](#) [Down](#)

BUG 24

24 Online method of application no records

Insha Mustafa 0 comments [Add tag](#) [Save](#) [Follow](#) [Settings](#) [Refresh](#) [Share](#)

State New Area Insha_OrangeHRM Updated: 3m ago

Reason New Iteration Insha_OrangeHRM\Sprint 1

Repro Steps

Planning

Deployment

- Navigate to recruitment, candidate page
- Select Online in method of application
- click search

No record is found when I have made one recently online.

System Info

Resolved Reason

Story Points

1

Priority

2

Severity

3 - Medium

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

-links

Link ↑	State	Latest Update
Child (7)		
🔍 11 Search vacancies	... ● New	Updated 3 hours ago
🔍 12 Test search vacancies	● New	Updated 3 hours ago
🔍 27 Validate hiring manager	● Design	Updated 23 minutes ago
🔍 26 Validate job title	● Design	Updated 28 minutes ago
🔍 29 Validate reset button	● Design	Updated 18 minutes ago
🔍 28 Validate Status	● Design	Updated 20 minutes ago
🔍 25 Validate vacancy	● Design	Updated 45 minutes ago
Parent		
👑 1 Recruitment	● New	Updated an hour ago

- **Github**

-github main branch

Insha33 / Insha_Case_Study

Type ↵ to search

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Insha Case StudyPublic

Pin

Unwatch1

Fork0

Star0

main2 Branches0 Tags

Go to file+

<> Code+

Insha33Merge pull request #3 from Insha33/program37fad0a · now6 Commits

.github/workflows	change 3	1 minute ago
README.md	Initial commit	3 hours ago
calculator.py	whole program	15 minutes ago
test_calculator.py	whole program	15 minutes ago

README

Insha Case Study

-github program branch

The screenshot shows the GitHub interface for the repository 'Insha33 / Insha_Case_Study'. The 'program' branch is selected, showing it is 1 commit behind 'main'. The file list includes '.github/workflows', 'README.md', 'calculator.py', and 'test_calculator.py'. The commit history shows a recent commit 'change 3' by Insha33. The right sidebar contains repository statistics and links to README, Activity, Stars, Watchers, and Forks.

-pull requests

The screenshot displays the 'Pull requests' page for the repository. It includes a search bar with filters, a 'New pull request' button, and a list of pull requests. The list shows three pull requests, all of which have been closed by Insha33.

Open	Closed	Author	Label	Projects	Milestones	Reviews	Assignee	Sort
<input type="checkbox"/>	<input checked="" type="checkbox"/>							
<input type="checkbox"/>	<input checked="" type="checkbox"/>							
<input type="checkbox"/>	<input checked="" type="checkbox"/>							
<input type="checkbox"/>	<input checked="" type="checkbox"/>							

-Github workflows

The screenshot shows the 'Actions' page for the repository, specifically the 'Python application' workflow. It displays a list of workflow runs with their status, branch, and actor. The runs are sorted by time, showing the most recent runs at the top.

Event	Status	Branch	Actor
Merge pull request #3 from Insha33/program	Success	main	Insha33
change 3	Success	program	Insha33
change2	Failure	program	Insha33
change in yml	Failure	program	Insha33
whole program	Failure	program	Insha33

-Github action

The screenshot shows the GitHub Actions interface for a repository named 'Insha33 / Insha_Case_Study'. The 'Actions' tab is selected, showing a workflow run for 'python-app.yml' triggered by a push. The run is successful and took 13 seconds. The workflow file 'python-app.yml' is shown, containing a single job named 'build'.

Python application

change 3 #4

Re-run all jobs

Summary

Jobs

- build

Run details

- Usage
- Workflow file

Triggered via push 8 minutes ago

Status: Success

Total duration: 13s

Artifacts: -

python-app.yml

on: push

build 5s

-python program

The screenshot shows a Python program in a code editor. The program is a calculator that takes user input for an operation and two numbers, and then performs the operation. The code is as follows:

```
calculator.py
1 def add(x, y):
2     return x + y
3
4 def subtract(x, y):
5     return x - y
6
7 def multiply(x, y):
8     return x * y
9
10 def divide(x, y):
11     if y == 0:
12         raise ValueError("Cannot divide by zero!")
13     return x / y
14
15 if __name__ == "__main__":
16     print("Select operation:")
17     print("1. Add")
18     print("2. Subtract")
19     print("3. Multiply")
20     print("4. Divide")
21
22     choice = input("Enter choice(1/2/3/4): ")
23
24     num1 = float(input("Enter first number: "))
25     num2 = float(input("Enter second number: "))
26
27     if choice == '1':
28         print(f"{num1} + {num2} = {add(num1, num2)}")
29     elif choice == '2':
30         print(f"{num1} - {num2} = {subtract(num1, num2)}")
```

-python unit test

```
test_calculator.py
1  import unittest
2  from calculator import add, subtract, multiply, divide
3
4  class TestCalculator(unittest.TestCase):
5
6      def test_add(self):
7          self.assertEqual(add(2, 3), 5)
8          self.assertEqual(add(-1, 1), 0)
9          self.assertEqual(add(-1, -1), -2)
10
11      def test_subtract(self):
12          self.assertEqual(subtract(10, 5), 5)
13          self.assertEqual(subtract(-1, 1), -2)
14          self.assertEqual(subtract(-1, -1), 0)
15
16      def test_multiply(self):
17          self.assertEqual(multiply(3, 7), 21)
18          self.assertEqual(multiply(-1, 1), -1)
19          self.assertEqual(multiply(-1, -1), 1)
20
21      def test_divide(self):
22          self.assertEqual(divide(10, 2), 5)
23          self.assertEqual(divide(-1, 1), -1)
24          self.assertEqual(divide(-1, -1), 1)
25          with self.assertRaises(ValueError):
26              divide(10, 0)
27
28  if __name__ == '__main__':
29      unittest.main()
30
```

Ln 30, Col 1 Spaces: 4 UTF-8 CRLF

-yaml file

```
EXPLORER
└─ INSHA_CASE_STUDY
  └─ .github\workflows
    └─ ! python-app.yml
      └─ calculator.py
      └─ README.md
      └─ test_calculator.py

Welcome
calculator.py test_calculator.py ! python-app.yml X
.github > workflows > ! python-app.yml
1  name: Python application
2
3  on: [push]
4
5  jobs:
6      build:
7
8          runs-on: ubuntu-latest
9
10         steps:
11             - name: Checkout code
12               uses: actions/checkout@v3
13
14             - name: Set up Node.js
15               uses: actions/setup-node@v3
16               with:
17                 node-version: '20'
18
19             - name: Set up Python
20               uses: actions/setup-python@v4
21               with:
22                 python-version: '3.x'
23
24             - name: Install dependencies
25               run: |
26                 python -m pip install --upgrade pip
27
28             - name: Run tests
29               run: |
30                 python -m unittest discover
```

Ln 26, Col 1 Spaces: 4 UTF-8 CRLF

-build details

build

succeeded 46 minutes ago in 5s

Search logs

>	✔ Set up job	0s
>	✔ Checkout code	1s
>	✔ Set up Node.js	0s
>	✔ Set up Python	0s
>	✔ Install dependencies	1s
>	✔ Run tests	0s
>	✔ Post Set up Python	0s
>	✔ Post Set up Node.js	0s
>	✔ Post Checkout code	0s
>	✔ Complete job	0s