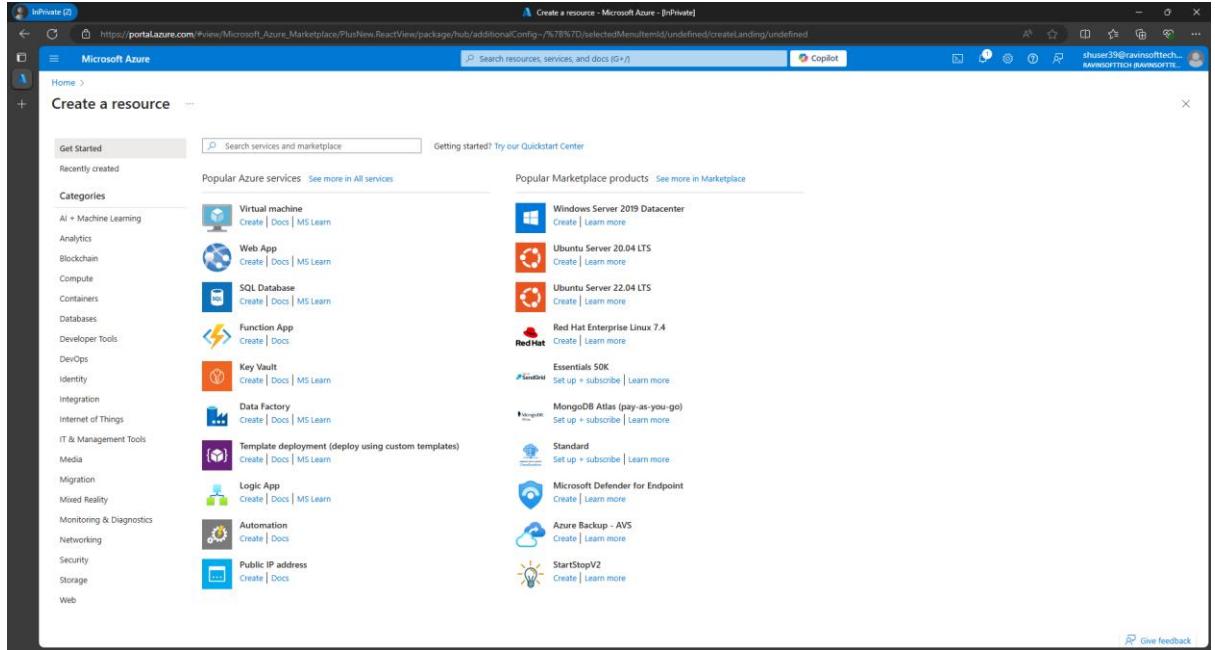


# Shell U-Next Bootcamp

Name: Adersh Varshnei (IDSO)

## Part 1: SDLC, Agile and Software Testing

### 1. Open Azure DevOps



## 2. Create an Azure Virtual Machine (VM). You need to perform all the tasks within the VM.

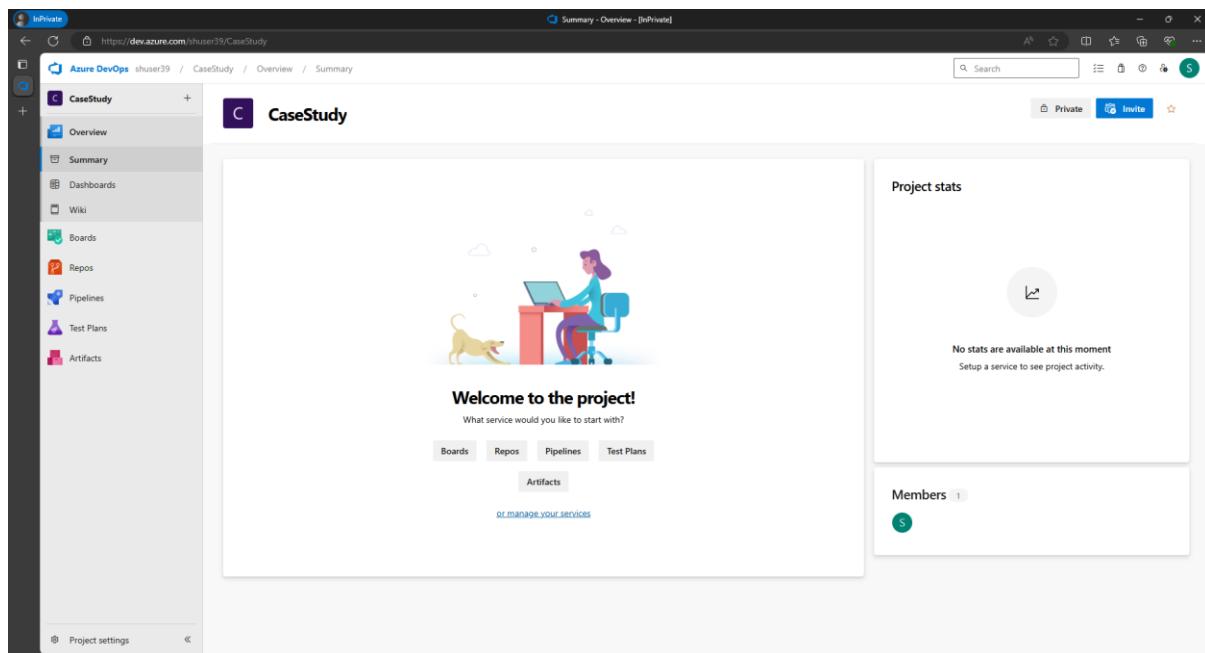
The screenshot shows the Microsoft Azure portal interface for a virtual machine named "adershVM". The main pane displays the "Overview" section with the following details:

Essentials	Value
Resource group (move)	RGDH
Status	Running
Location	East US (Zone 1)
Subscription (move)	RGDH
Subscription ID	e8205d22-01fc-4dc5-9652-307fe8e1b0da
Availability zone	1
Operating system	Windows (Windows 10 Pro)
Size	Standard B2s (2 vcpus, 4 GiB memory)
Public IP address	20.106.184.13
Virtual network/subnet	adershVM-vnet/default
DNS name	Not configured
Health state	-
Time created	06/09/2024, 05:57 UTC

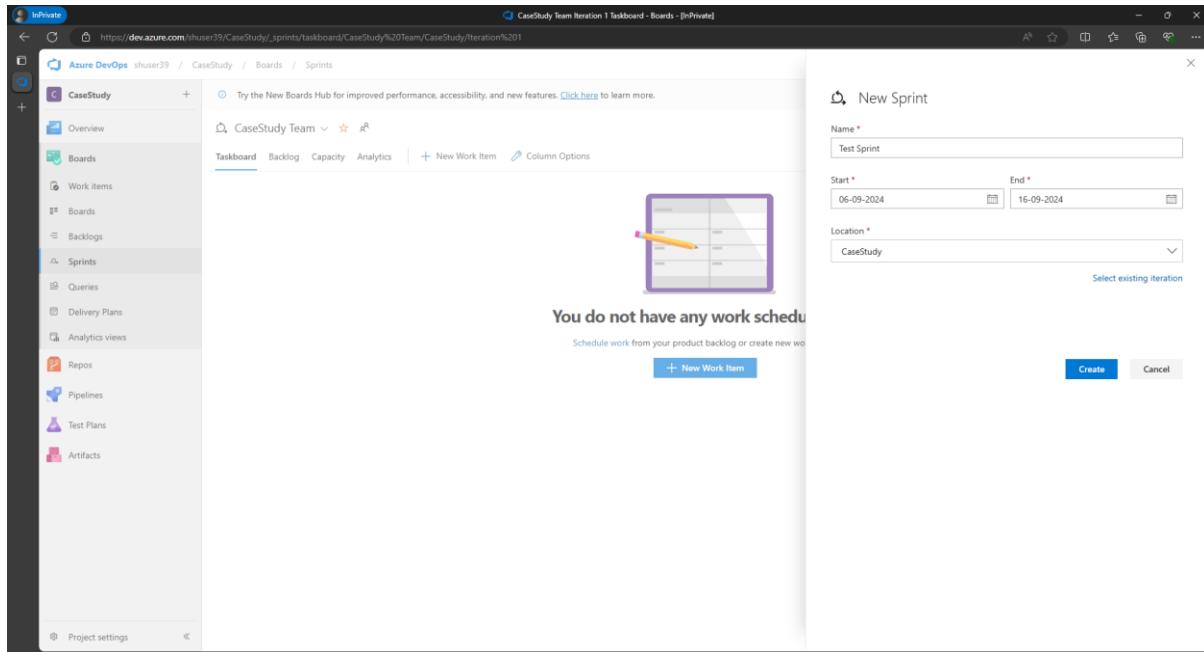
The left sidebar shows navigation links for Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect (selected), Bastion, Windows Admin Center, Networking, Settings, Availability + scale, Security, Backup + disaster recovery, Operations, Monitoring, Automation, and Help.

The bottom navigation bar includes Properties, Monitoring, Capabilities (8), Recommendations, and Tutorials.

3. Login to the Azure DevOps portal and navigate to the project.



4. Create a New Sprint. Set the Sprint goals and objectives, aligning them with the overall testing strategy for the website.



5. Create 5 User Stories in the Sprint for the Sprint Backlog for the given application.
6. Each user story should cover different aspects of the Software Development Life Cycle (SDLC) as it relates to the functionalities of the website.

The screenshot shows a detailed view of a User Story in the Azure DevOps Boards interface. The story is titled "1 Implement Login Functionality" and is categorized under the "CaseStudy" project. It is currently unassigned. The "Description" section states: "As a registered user of the application, I want to be able to securely log into my account using my credentials so that I can access my personalized dashboard page." The "Acceptance Criteria" section is divided into several numbered items:

- 1. Login Form:
  - o The login page must contain fields for entering a username/email and password.
  - o The page should have a "Forgot Password?" link that redirects to a password recovery page.
  - o There must be a "Login" button to submit the credentials.
- 2. Validation:
  - o The username/email and password fields are required and must not be empty.
  - o If the username/email is not registered or the password is incorrect, an error message should be displayed indicating invalid credentials.
  - o The system should lock the user out after 5 failed login attempts and prompt them to contact support.
- 3. Security:
  - o Passwords should be masked (e.g., shown as dots or asterisks) while being entered.
  - o The login page should use HTTPS to ensure secure transmission of credentials.
  - o After successful login, the user should be redirected to their dashboard page.
  - o Session management should ensure that the user remains logged in for a predefined period or until they manually log out.
- 4. User Experience:
  - o The login page should be responsive and work seamlessly on various devices and screen sizes.
  - o The page should load quickly and display an error message in a user-friendly manner if login fails.
  - o Successful login should provide a confirmation (e.g., a welcome message or dashboard access).
- 5. Accessibility:
  - o The login form must be accessible with screen readers and support keyboard navigation.

The "Planning" section shows Story Points (2), Priority (2), and Risk (1). The "Deployment" section includes a note about tracking releases and a "Development" section showing related work items. The "Related Work" section lists tasks such as "Validate Required Fields" and "Verify Error Message for Invalid Credentials".

The screenshot shows a detailed view of a User Story in the Azure DevOps Boards interface. The story is titled "8 User Management for Admin" and is categorized under the "CaseStudy" project. It is currently unassigned. The "Description" section states: "As an admin, I want to view and manage all system users on a dedicated admin page, so that I can effectively oversee user roles, status, and perform necessary actions like editing or deleting user accounts." The "Acceptance Criteria" section is divided into several numbered items:

- 1. User Display:
  - o The admin page must display a table or list of all system users.
  - o Each entry should show the following columns: Username, User Role, Employee Name, Status and Actions.
- 2. Search Functionality:
  - o The admin page should include a search bar that allows filtering by username, role, employee name, or status.
- 3. Edit User:
  - o Each user entry should have an "Edit" button that opens a form allowing the admin to update the user's details (e.g., role, status).
  - o After editing, the changes should be saved and reflected immediately on the page.
- 4. Delete User:
  - o Each user entry should have a "Delete" button that prompts the admin for confirmation before removing the user.
  - o Upon confirmation, the user should be deleted from the system, and the page should update to reflect this change.
- 5. Responsive Design:
  - o The admin page should be responsive and functional across different devices and screen sizes.

The "Planning" section shows Story Points (2), Priority (2), and Risk (1). The "Deployment" section includes a note about tracking releases and a "Development" section showing related work items. The "Related Work" section lists tasks such as "Validate Required Fields" and "Verify Error Message for Invalid Credentials".

InPrivate

https://dev.azure.com/\_/user/39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=14

Casestudy Team Test Sprint Taskboard - Boards - [InPrivate]

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy

CaseStudy Team

USER STORY 14

14 Personalized Dashboard Page

Unassigned

0 comments Add tag

6 September - 16 September  
7 work days remaining

Save & Close Follow Refresh

Updated by shuser39 11m ago

Details

Description

As a user, I want to access a comprehensive dashboard page that displays my time at work, provides actionable items, offers quick links to frequently used features, and integrates with an internal social network, so that I can efficiently manage my daily tasks, navigate to important sections of the application, and stay connected with colleagues.

Acceptance Criteria

1. Time at Work Display:  
o The dashboard must show a section that displays the current time, total time worked today, and total time worked this week.  
o The time at work section should be updated in real-time or at regular intervals.

2. Actions:  
o The dashboard should include a section for actionable items or tasks (e.g., pending approvals, upcoming deadlines).  
o Each action item should be clickable, leading to the relevant page or feature where the action can be taken.

3. Quick Links:  
o The dashboard should feature a "Quick Links" section with shortcuts to frequently used features (e.g., leave request, expense reports, personal profile).  
o Each quick link should be clearly labeled and lead to the corresponding page or feature.

4. Internal Social Network:  
o The dashboard should include an internal social network section where users can view recent posts, updates, or announcements from colleagues.

5. User Experience:  
o The dashboard should be responsive and visually appealing, with a layout that ensures key information is prominently displayed.  
o The page should load quickly and be easy to navigate, with intuitive interfaces for all sections.

Planning

Story Points

Priority 2

Risk

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.

Classification

Value area Business

Related Work

+ Add link

Add an existing work item as a parent

Tested By (5)

18 Verify Action Items Functionality Updated 9 minutes ago Design

18 Verify Buzz Integration Updated 8 minutes ago Design

18 Verify Dashboard Responsiveness and Layout Updated 4 minutes ago Design

17 Verify Quick Links Functionality Updated 7 minutes ago Design

Project settings

InPrivate

https://dev.azure.com/\_/user/39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=20

Casestudy Team Test Sprint Taskboard - Boards - [InPrivate]

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy

CaseStudy Team

USER STORY 20

20 Employee Reviews and Records Management

Unassigned

0 comments Add tag

6 September - 16 September  
7 work days remaining

Save & Close Follow Refresh

Updated by shuser39 2m ago

Details

Description

As an HR manager, I want to view and manage a page that displays employee reviews and records, including personal data, review period, due date, review status, and actions, so that I can efficiently track and manage employee performance reviews and ensure timely follow-ups.

Acceptance Criteria

1. Review Records Display:  
a. The page must show a table or list of employee reviews and records.  
b. Each record should display the following columns: Employee Name, Personal Data (e.g., employee ID), Review Period, Due Date, Review Status, and Actions.

2. Search Functionality:  
a. The page should include a search bar that allows filtering records based on employee name, review period, due date, or review status.  
b. The search results should dynamically update as the search criteria are modified.

3. Actions:  
a. Each record should have actionable items, such as "View Details," "Edit," or "Mark as Complete."  
b. Clicking on these actions should lead to relevant pages or perform appropriate functions, such as viewing detailed review information, editing review records, or updating review status.

4. Review Status:  
a. The review status column should clearly display the current status of each review (e.g., Not Started, In Progress, Completed).  
b. The status should be updated based on the actions taken or changes in the review process.

5. User Experience:  
a. The page should be well-organized, with clear and intuitive navigation for viewing and managing reviews.  
b. The layout should be responsive and visually appealing, ensuring usability across different devices and screen sizes.

Planning

Story Points

Priority 2

Risk

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.

Classification

Value area Business

Related Work

+ Add link

Parent

21 HR Management Application Web Portal Updated just now Design

Tested By (5)

21 Verify Actions Functionality Updated just now Design

21 Verify Display of Employee Reviews and Records Updated a minute ago Design

21 Verify Page Responsiveness and Layout Updated just now Design

Project settings

InPrivate

CaseStudy Team Test Sprint Taskboard - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=26

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy

USER STORY 26

26 View and Edit Personal Information

Unassigned 0 comments Add tag

Work item State: New Area: CaseStudy Iteration: CaseStudy/Test Sprint Reason: New

Description

As a user, I want to view and edit my personal information on a dedicated page, so that I can keep my details up-to-date and ensure all information is accurate.

Acceptance Criteria

- View Personal Information:
  - The page must display all personal information sections: Personal Details, Contact Details, Emergency Contacts, Dependents, Immigration, Job, Salary, Report-To, Qualifications, and Memberships.
- Edit Personal Information:
  - Changes should be editable.
  - Changes should be saved and reflected immediately upon submission.
- Save and Cancel Options:
  - Users should be able to save changes or cancel edits.
  - Cancelling should discard unsaved changes and revert to the previous data.
- Validation and Error Handling:
  - Input fields should have appropriate validation (e.g., required fields, format checks).
  - Errors should be clearly communicated to the user, with guidance on how to correct them.
- Responsive Design:
  - The page should be responsive, ensuring all sections and functionalities are accessible across different devices and screen sizes.

Planning Story Points: 1 Priority: 2 Risk: 1

Classification Value area: Business

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.

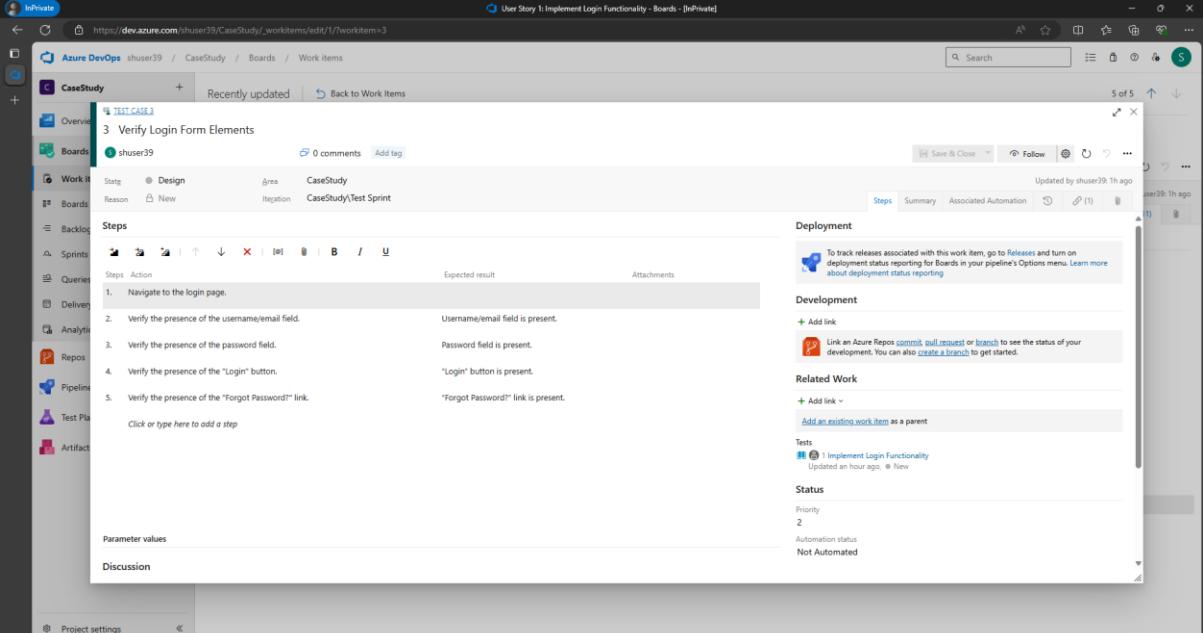
Related Work + Add link Parent Work item 2 HR Management Application Web Portal Updated an hour ago. New

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

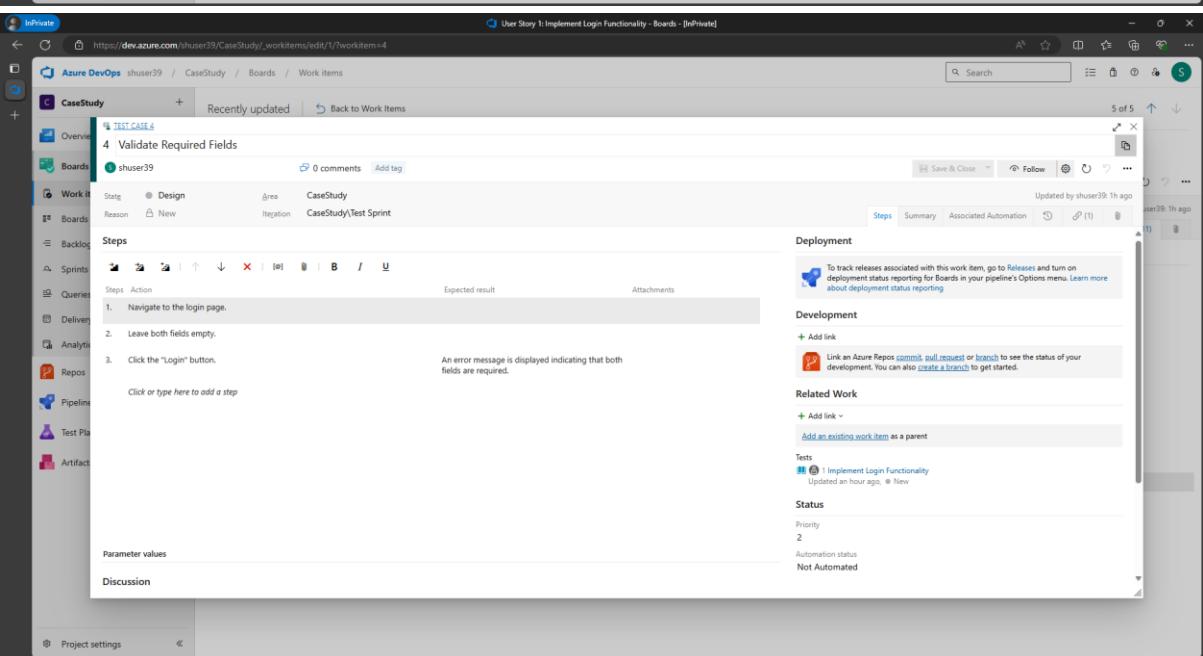
Project settings State: New +

This screenshot shows the detailed view of a User Story in Azure DevOps. The story is titled '26 View and Edit Personal Information'. It includes sections for Description, Acceptance Criteria, Planning, Classification, Deployment, Development, and Related Work. The Acceptance Criteria section contains a numbered list of requirements. The Planning section shows story points, priority, and risk levels. The Classification section indicates the value area is 'Business'. The Development section provides instructions for tracking development status via Azure Repos. The Related Work section lists a parent work item and a linked HR Management Application Web Portal. The bottom of the page features a discussion section and project settings.

## 7. Create 25 test cases for the user stories created for the Sprint.



The screenshot shows the Azure DevOps interface for a test case titled "3 Verify Login Form Elements". The test case is in the "Design" state, assigned to "shuser39" in the "CaseStudy" area, and is part of the "CaseStudy/Test Sprint" iteration. The "Steps" section contains five steps: 1. Navigate to the login page. (Expected result: Username/email field is present.) 2. Verify the presence of the username/email field. (Expected result: Password field is present.) 3. Verify the presence of the password field. (Expected result: "Login" button is present.) 4. Verify the presence of the "Forgot Password?" link. (Expected result: "Forgot Password?" link is present.) 5. Verify the presence of the "Forgot Password?" link. (Expected result: "Forgot Password?" link is present.) Below the steps, there is a "Parameter values" section and a "Discussion" section. On the right side of the screen, there are sections for "Deployment", "Development", "Related Work", and "Status".

The screenshot shows the Azure DevOps interface for a test case titled "4 Validate Required Fields". The test case is in the "Design" state, assigned to "shuser39" in the "CaseStudy" area, and is part of the "CaseStudy/Test Sprint" iteration. The "Steps" section contains three steps: 1. Navigate to the login page. 2. Leave both fields empty. 3. Click the "Login" button. (Expected result: An error message is displayed indicating that both fields are required.) Below the steps, there is a "Parameter values" section and a "Discussion" section. On the right side of the screen, there are sections for "Deployment", "Development", "Related Work", and "Status".

**User Story 1: Implement Login Functionality - Boards - [InPrivate]**

[https://dev.azure.com/shuser39/CaseStudy/\\_workitems/edit/1?workitem=5](https://dev.azure.com/shuser39/CaseStudy/_workitems/edit/1?workitem=5)

**CaseStudy** Recently updated Back to Work Items

**TEST CASES** 5 Verify Error Message for Invalid Credentials

shuser39 0 comments Add tag

Design Area CaseStudy  
Reason New Iteration CaseStudy\Test Sprint

**Steps**

Steps	Action	Expected result	Attachments
1.	Navigate to the login page		
2.	Enter a valid username/email and incorrect password.		
3.	Click the "Login" button.	An error message is displayed indicating that the credentials are invalid.	

Click or type here to add a step

**Parameter values**

**Discussion**

Save & Close Follow ... Updated by shuser39 1h ago User39 1h ago

**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

**Tests**

1 Implement Login Functionality Updated an hour ago. New

**Status**

Priority 2 Automation status Not Automated

**Snipping Tool**  
Screenshot copied to clipboard and saved Select here to mark up and share.

**User Story 1: Implement Login Functionality - Boards - [InPrivate]**

[https://dev.azure.com/shuser39/CaseStudy/\\_workitems/edit/1?workitem=6](https://dev.azure.com/shuser39/CaseStudy/_workitems/edit/1?workitem=6)

**CaseStudy** Recently updated Back to Work Items

**TEST CASES** 6 Verify Successful Login Redirect

shuser39 0 comments Add tag

Design Area CaseStudy  
Reason New Iteration CaseStudy\Test Sprint

**Steps**

Steps	Action	Expected result	Attachments
1.	Navigate to the login page		
2.	Enter valid username/email and password		
3.	Click the "Login" button	User is redirected to the dashboard page.	

Click or type here to add a step

**Parameter values**

**Discussion**

Save & Close Follow ... Updated by shuser39 59m ago User39 1h ago

**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

**Tests**

1 Implement Login Functionality Updated an hour ago. New

**Status**

Priority 2 Automation status Not Automated

User Story 1: Implement Login Functionality - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=7

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE 7  
7 Verify Password Masking

shuser39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Navigate to the Login Page		
2.	Enter text in the password field	The password field displays masked characters (dots) instead of the actual text.	

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ...

Updated by shuser39 1h ago

5 of 5

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

Tests

1 Implement Login Functionality Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

Project settings

User Story & User Management for Admin - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=9

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE 9  
9 Verify User List Display

shuser39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Navigate to the admin page		
2.	Check the display of user entries		
3.	Verify that each entry shows Username, User Role, Employee Name, Status, and Actions columns.	The user list should display all user details accurately, including Username, User Role, Employee Name, Status, and Actions.	

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ...

Updated by shuser39 59m ago

4 of 5

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

Tests

1 User Management for Admin Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

Project settings

InPrivate

User Story & User Management for Admin - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=10

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy + Recently updated Back to Work Items

TEST CASE 10

10 Verify Search Functionality

shuser39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Step	Action	Expected result	Attachments
1.	Navigate to the admin page		
2.	Enter a search term into the search bar (e.g. username, role, employee name)		
3.	Click on the search button.	Users not matching the search term should be hidden from view.	

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ...

Updated by shuser39 58m ago

4 of 5

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

Tests

User Management for Admin Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

Project settings

InPrivate

User Story & User Management for Admin - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=13

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy + Recently updated Back to Work Items

TEST CASE 13

13 Verify pagination and sorting

shuser39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Step	Action	Expected result	Attachments
1.	Navigate to the admin page with a large number of users		
2.	Verify the pagination controls are present and functional.		
3.	Click on column headers to sort by username, user role, or employee name.	Sorting by columns should correctly order the user list according to the selected criteria.	
4.	Verify the sorting order and pagination updates correctly.	The user list should reflect the correct page and sorted order based on interactions.	

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ...

Updated by shuser39 54m ago

4 of 5

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

Tests

User Management for Admin Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

Snipping Tool

Screenshot copied to clipboard and saved Select here to mark up and share.

Project settings

**User Story & User Management for Admin - Boards - [InPrivate]**

[https://dev.azure.com/shuser39/CaseStudy/\\_workitems/edit/1?workitem=11](https://dev.azure.com/shuser39/CaseStudy/_workitems/edit/1?workitem=11)

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy + Recently updated Back to Work Items 4 of 5

**TEST CASE 11**  
11 Verify Edit User Functionality

shuser39 0 comments Add tag

Save & Close Follow ... Updated by shuser39 58m ago

Reason: New Area: CaseStudy Iteration: CaseStudy\Test Sprint

Steps Deployment

1. Navigate to the admin page.

2. Click the "Edit" button for a user.

3. Update the user's details (e.g., change role or status).

4. Save the changes.

5. Verify that the updated information is displayed correctly on the user list.

The changes should be saved successfully.

The updated user details should be reflected immediately on the admin page.

Click or type here to add a step

Parameter values

Discussion

Project settings

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

Tests

1 User Management for Admin Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

**User Story & User Management for Admin - Boards - [InPrivate]**

[https://dev.azure.com/shuser39/CaseStudy/\\_workitems/edit/1?workitem=12](https://dev.azure.com/shuser39/CaseStudy/_workitems/edit/1?workitem=12)

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy + Recently updated Back to Work Items 4 of 5

**TEST CASE 12**  
12 Verify Delete User Functionality

shuser39 0 comments Add tag

Save & Close Follow ... Updated by shuser39 57m ago

Reason: New Area: CaseStudy Iteration: CaseStudy\Test Sprint

Steps Deployment

1. Navigate to the admin page.

2. Click the delete button for a user.

3. Confirm the deletion in the prompt.

4. Verify the user is removed from the list and that the page updates accordingly.

The user should be deleted from the system.

The user list should be updated to remove the deleted user.

Click or type here to add a step

Parameter values

Discussion

Project settings

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

Tests

1 User Management for Admin Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

Snipping Tool Screenshot copied to clipboard and saved Select here to mark up and share.

InPrivate

User Story 16 Personalized Dashboard Page - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=15

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE 15

15 Verify Time at Work Display

shuser39 0 comments Add tag

Save & Close Follow ...

Updated by shuser39 46m ago

3 of 5

Work item

Overview Boards Work items Backlog Sprints Queries Deliveries Analytics Repos Pipelines Test Plans Artifacts

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

1. Navigate to the dashboard page  
2. Check the time at work section for current time, total time worked today, and total time worked this week.

Expected result: The time at work section should accurately display the current time, total time worked today, and this week, with real-time or regular updates

Attachments

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

Tests

14 Personalized Dashboard Page Updated 45 minutes ago, New

Status

Priority: 2 Automation status: Not Automated

Parameter values

Discussion

Project settings

InPrivate

User Story 16 Personalized Dashboard Page - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=17

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE 17

17 Verify Quick Links Functionality

shuser39 0 comments Add tag

Save & Close Follow ...

Updated by shuser39 44m ago

3 of 5

Work item

Overview Boards Work items Backlog Sprints Queries Deliveries Analytics Repos Pipelines Test Plans Artifacts

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

1. Navigate to the dashboard page  
2. Identify the quick links section.  
3. Click on each quick link and verify that it directs to the intended page or feature.

Expected result: Quick links should be clearly labeled and functional  
Each quick link should lead to the correct page or feature.

Attachments

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

Tests

14 Personalized Dashboard Page Updated 48 minutes ago, New

Status

Priority: 2 Automation status: Not Automated

Parameter values

Discussion

Project settings

InPrivate

User Story 14 Personalized Dashboard Page - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=19

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE\_19  
19 Verify Dashboard Responsiveness and Layout

shusee39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Access the dashboard page on various devices	The dashboard page should be responsive and maintain a user friendly layout on different devices.	
2.	Observe the layout and functionality of the time at work, actions, quick links, and social network sections.		

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ... Updated by shusee39 41m ago

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

Tests

14 Personalized Dashboard Page Updated 48 minutes ago, @ New

Status

Priority: 2 Automation status: Not Automated

Snipping Tool Screenshot copied to clipboard and saved Select here to mark up and share.

InPrivate

User Story 14 Personalized Dashboard Page - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=18

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE\_19  
18 Verify Buzz Integration

shusee39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Navigate to the dashboard page		
2.	Check the Buzz section for recent posts, updates, or announcements.	Recent posts and updates should be displayed correctly.	

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ... Updated by shusee39 43m ago

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

Tests

14 Personalized Dashboard Page Updated 48 minutes ago, @ New

Status

Priority: 2 Automation status: Not Automated

Snipping Tool Screenshot copied to clipboard and saved Select here to mark up and share.

InPrivate

User Story 16 Personalized Dashboard Page - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/1?workitem=16

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE 16  
16 Verify Action Items Functionality

shuser39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Step	Action	Expected result	Attachments
1.	Navigate to the dashboard page.	Action items should be displayed correctly.	
2.	Check the actions section for listed tasks or notifications.	Clicking an action item should take the user to the correct page or feature.	
3.	Click on an action item and verify that it redirects to the appropriate page or feature.	Click or type here to add a step	

Parameter values

Discussion

Save & Close Follow ... Updated by shuser39 46m ago

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

Tests

14 Personalized Dashboard Page Updated 45 minutes ago. @ New

Status

Priority: 2 Automation status: Not Automated

Screenshot copied to clipboard and saved Select here to mark up and share.

Snipping Tool

InPrivate

CaseStudy Team Test Sprint Taskboard - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=21

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy

CaseStudy Team

TEST CASE 21  
21 Verify Display of Employee Reviews and Records

shuser39 0 comments Add tag

State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Step	Action	Expected result	Attachments
1.	Navigate to the employee reviews and records page	The page should display all required columns	
2.	Verify that the table or list includes various columns like Review Period, Due Date, Review Status, and Actions.	Each record should accurately show the employee's data.	
3.	Check that each record shows accurate and complete information for these columns	Click or type here to add a step	

Parameter values

Discussion

Save & Close Follow ... Updated by shuser39 15m ago

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

Tests

20 Employee Reviews and Records Management Updated 47 minutes ago. @ New

Status

Priority: 2 Automation status: Not Automated

InPrivate

CaseStudy Team Test Sprint Taskboard - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=22

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy

TEST CASE\_22

22 Verify Search Functionality

shuser39 0 comments Add tag

Save & Close Follow ...

Updated by shuser39 14m ago

6 September - 15 September  
7 work days remaining

Work Items Boards Backlog Sprints Queries Deliverables Analytics Repos Pipelines Test Plans Artifacts

State: Design Area: CaseStudy Iteration: CaseStudy\Test Sprint

Reason: New

Steps

1. Navigate to the employee reviews and records page.

2. Enter a search term into the search bar.

3. Observe the filtered list of records.

Expected result: The list of records should update to show only those matching the search criteria.

Attachments

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

Tests

Employee Reviews and Records Management Updated 48 minutes ago, 0 New

Status

Priority: 2 Automation status: Not Automated

Parameter values

Discussion

Project settings

Save & Close Follow ...

Updated by shuser39 7m ago

6 September - 16 September  
7 work days remaining

InPrivate

CaseStudy Team Test Sprint Taskboard - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=23

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy

TEST CASE\_23

23 Verify Actions Functionality

shuser39 0 comments Add tag

Save & Close Follow ...

Updated by shuser39 7m ago

6 September - 16 September  
7 work days remaining

Work Items Boards Backlog Sprints Queries Deliverables Analytics Repos Pipelines Test Plans Artifacts

State: Design Area: CaseStudy Iteration: CaseStudy\Test Sprint

Reason: New

Steps

1. Navigate to the employee reviews and records page.

2. Verify that the delete action button is present and working.

Expected result: Delete removes the review record.

Attachments

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

Tests

Employee Reviews and Records Management Updated 48 minutes ago, 0 New

Status

Priority: 2 Automation status: Not Automated

Parameter values

Discussion

Project settings

Save & Close Follow ...

Updated by shuser39 7m ago

6 September - 16 September  
7 work days remaining

InPrivate

https://dev.azure.com/\_user39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=24

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy Team

TEST CASE 24  
24 Verify Review Status Updates

shuser39 0 comments Add tag

Work item State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Navigate to the employee reviews and records page.		
2.	Check the review status column for different records.	The review status column should accurately display the current status.	
3.	Update the status of a review		
4.	Verify that the status is updated correctly and reflected immediately on the page	Status updates should be reflected immediately on the page after changes are made.	

Click or type here to add a step

Parameter values

Discussion

Project settings

Save & Close Follow ... Updated by shuser39 4m ago

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

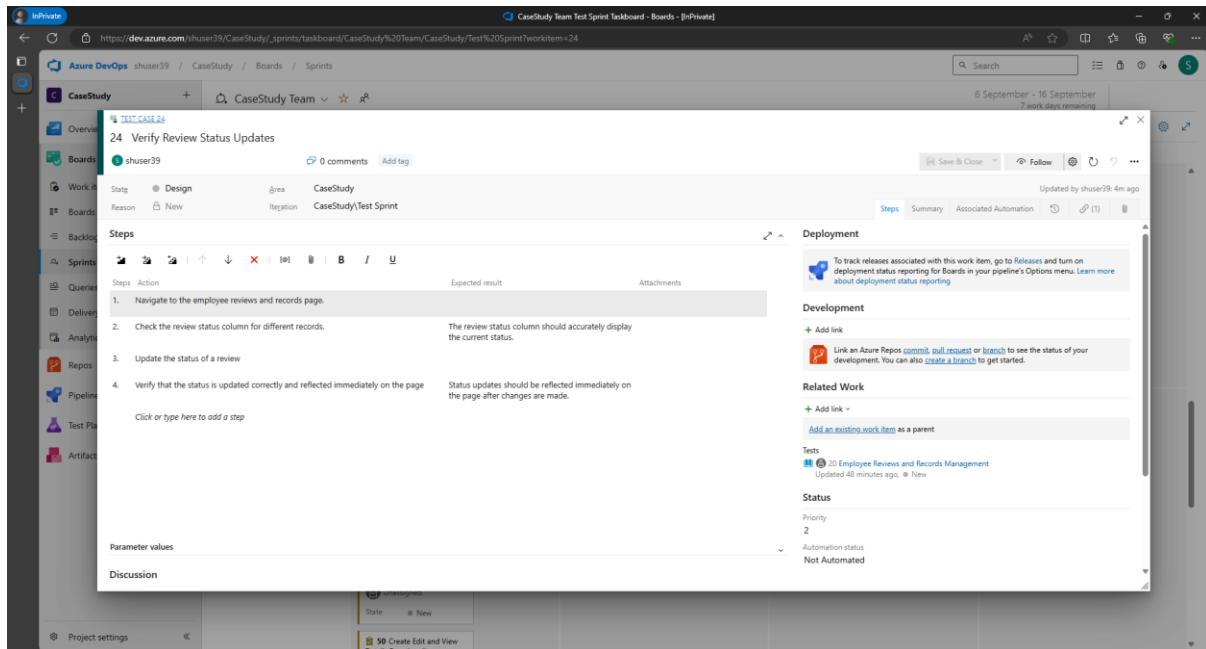
Add an existing work item as a parent

Tests

Employee Reviews and Records Management Updated 48 minutes ago. New

Status

Priority: 2 Automation status: Not Automated



InPrivate

https://dev.azure.com/\_user39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=25

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy Team

TEST CASE 25  
25 Verify Page Responsiveness and Layout

shuser39 0 comments Add tag

Work item State: Design Area: CaseStudy Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Access the employee reviews on different devices		
2.	Observe the layout and functionality of the page	The page should be visually appealing and functional across different devices and screen sizes.	

Click or type here to add a step

Parameter values

Discussion

Project settings

Save & Close Follow ... Updated by shuser39 3m ago

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

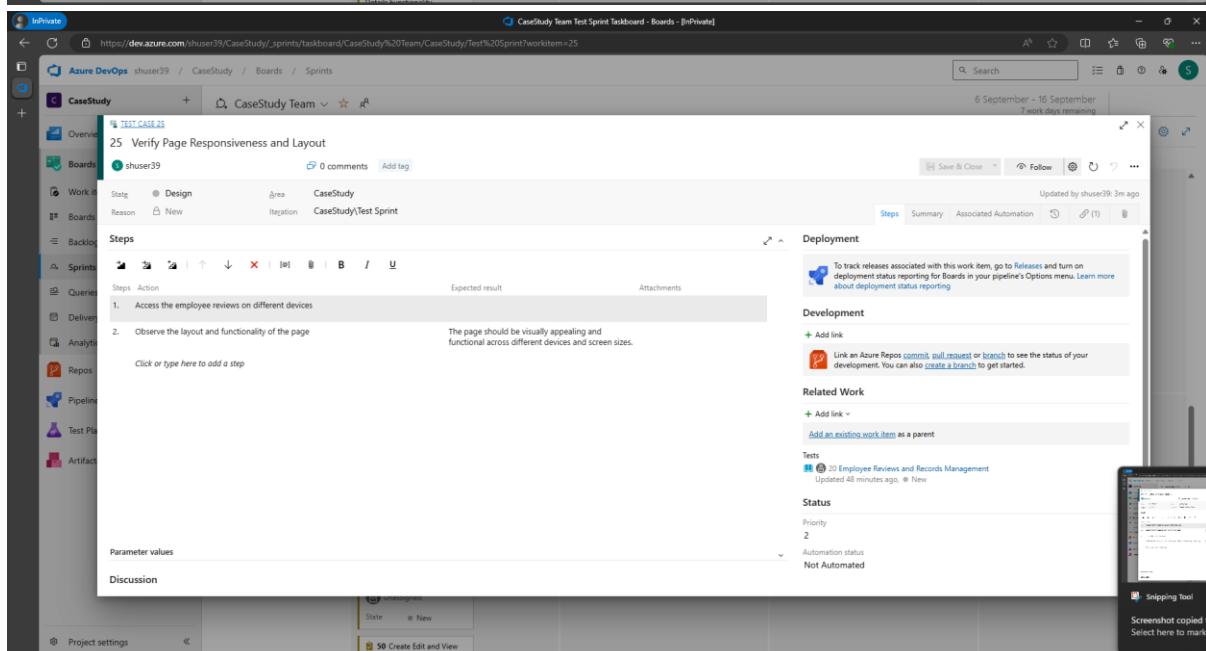
Add an existing work item as a parent

Tests

Employee Reviews and Records Management Updated 48 minutes ago. New

Status

Priority: 2 Automation status: Not Automated



InPrivate

User Story 26 View and Edit Personal Information - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/26?workitem=27

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy + Recently updated Back to Work Items

TEST CASE 27 Verify Viewing Personal Information

shuser39 0 comments Add tag

State: Design Area: CaseStudy  
Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Navigate to the Personal Information Page	All sections should be displayed correctly with accurate and read-only information.	
2.	Check that each section (personal details, contact details, emergency contacts, dependents, immigration, job, salary, report-to, qualifications and memberships)		
3.	Verify that information is displayed accurately.		

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ...

Updated by shuser39 25 ago

Steps Summary Associated Automation

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

Tests

26 View and Edit Personal Information Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

View and Edit Personal Information Updated 40 minutes ago. Design

27 Verify Viewing Personal Information Updated 41 minutes ago. Design

Show more (6 of 11)

Project settings

InPrivate

User Story 26 View and Edit Personal Information - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/26?workitem=28

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy + Recently updated Back to Work Items

TEST CASE 28 Verify Editing Personal Information

shuser39 0 comments Add tag

State: Design Area: CaseStudy  
Reason: New Iteration: CaseStudy\Test Sprint

Steps

Steps	Action	Expected result	Attachments
1.	Navigate to the personal information page.	Changes should be saved and displayed immediately after clicking save	
2.	Edit some fields of data on the page.		
3.	Click the save button.		
4.	Verify that the changes are saved and reflected on the page.		

Click or type here to add a step

Parameter values

Discussion

Save & Close Follow ...

Updated by shuser39 24 ago

Steps Summary Associated Automation

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

Tests

26 View and Edit Personal Information Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

View and Edit Personal Information Updated 40 minutes ago. Design

27 Verify Viewing Personal Information Updated 41 minutes ago. Design

Show more (6 of 11)

Project settings

InPrivate

User Story 29 View and Edit Personal Information - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/29?workitem=29

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE\_29  
29 Verify Canceling Edits

shuser39 0 comments Add tag

Save & Close Follow ...

Updated by shuser39 19m ago

User 29: 1h ago

1 of 5

Work item

Overview Boards Work items Backlog Sprints Queries Deliveries Analytics Repos Pipelines Test Plans Artifacts

Design Area CaseStudy Iteration CaseStudy\Test Sprint

Reason New

Steps

Step Action Expected result Attachments

1. Navigate to the personal information page.

2. Click the edit button for a section.

3. Modify the information in the editable fields.

4. Leave the page and return.

5. Verify that the page reverts to the previously saved information.

Not clicking save should discard any changes and revert to the original data.

Click or type here to add a step

Parameter values

Discussion

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

Tests

View and Edit Personal Information Updated an hour ago. New

Status

Priority 2 Automation status Not Automated

Project settings

InPrivate

User Story 29 View and Edit Personal Information - Boards - [InPrivate]

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/29?workitem=30

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy

Recently updated | Back to Work Items

TEST CASE\_30  
30 Verify Validation and Error Handling

shuser39 0 comments Add tag

Save & Close Follow ...

Updated by shuser39 5m ago

User 29: 1h ago

1 of 5

Work item

Overview Boards Work items Backlog Sprints Queries Deliveries Analytics Repos Pipelines Test Plans Artifacts

Design Area CaseStudy Iteration CaseStudy\Test Sprint

Reason New

Steps

Step Action Expected result Attachments

1. Navigate to the personal information page.

2. Enter invalid data.

3. Attempt to save the changes.

The system should display error messages for invalid data and the same should not be saved.

Click or type here to add a step

Parameter values

Discussion

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

Tests

View and Edit Personal Information Updated an hour ago. New

Status

Priority 2 Automation status Not Automated

Project settings

InPrivate

https://dev.azure.com/shuser39/CaseStudy/\_workitems/edit/26?workitem=31 User Story 26 View and Edit Personal Information - Boards - [InPrivate]

Azure DevOps shuser39 / CaseStudy / Boards / Work items

CaseStudy + Recently updated Back to Work Items

1 of 5

31 Verify Page Responsiveness

shuser39 0 comments Add tag

Save & Close Follow ...

Updated by shuser39 2m ago User 29 1h ago

State: Design Area: CaseStudy Iteration: CaseStudy\Test Sprint

Reason: New

Steps

1. Access the personal information page on various devices.

2. Resize the browser window to use various screen sizes.

3. Check that all sections are visible and functional.

The page should be responsive, with all sections and functionalities accessible and properly displayed across various devices and screen sizes.

Expected result Attachments

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

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

Tests

View and Edit Personal Information Updated an hour ago. New

Status

Priority: 2 Automation status: Not Automated

Parameter values

Discussion

Project settings

This screenshot shows the Azure DevOps interface for managing work items. A specific user story, titled '31 Verify Page Responsiveness', is displayed. The story is assigned to 'shuser39' and is currently in the 'Design' state under the 'CaseStudy' area and iteration. The 'Steps' section contains three tasks: 'Access the personal information page on various devices.', 'Resize the browser window to use various screen sizes.', and 'Check that all sections are visible and functional.' A note specifies that the page should be responsive across different devices and screen sizes. The 'Expected result' and 'Attachments' sections are currently empty. To the right of the main content, there are sections for 'Deployment', 'Development', 'Related Work', 'Tests', and 'Status'. The 'Development' section includes a link to track releases via Azure Pipelines. The 'Tests' section lists a single test case: 'View and Edit Personal Information', which was updated an hour ago and is marked as 'New'. The 'Status' section shows a priority of 2 and an automation status of 'Not Automated'. At the bottom left, there are 'Parameter values' and 'Discussion' sections, and at the bottom right, there are 'Project settings' and navigation links like 'Recently updated' and 'Back to Work Items'.

## 8. Define the tasks and sub tasks for each User Story.

The image displays two screenshots of the Azure DevOps Boards interface, showing the details of two user stories: "USER STORY 1" and "USER STORY 8".

**USER STORY 1: Implement Login Functionality**

- Links:**
  - + Add link
  - Link ↑
  - Child (5)
    - 36 Add Validation and Error Handling
      - 35 Create User Session Management
      - 32 Design Login Page Layout
      - 33 Develop Login Page UI
      - 34 Implement Authentication Logic
  - Parent
    - HR Management Application Web Portal
  - Tested By (5)
    - Validate Required Fields
    - Verify Error Message for Invalid Credentials
    - Verify Login Form Elements
    - Verify Password Masking
    - Verify Successful Login Redirect
- User Management for Admin**

**USER STORY 8: User Management for Admin**

- Links:**
  - + Add link
  - Link ↑
  - Affected By
    - 57 Cannot Search Using Part of a Username
      - 40 Create User Edit Functionality
      - 37 Design User Management Page Layout
      - 41 Develop User Delete Functionality
      - 38 Develop User Management Page UI
      - 39 Implement User Search and Filter Functionality
  - Child (5)
    - 40 Create User Edit Functionality
    - 37 Design User Management Page Layout
    - 41 Develop User Delete Functionality
    - 38 Develop User Management Page UI
    - 39 Implement User Search and Filter Functionality
  - Parent
    - HR Management Application Web Portal
  - Tested By (5)
    - Verify Delete User Functionality
    - Verify Edit User Functionality
    - Verify pagination and sorting
    - Verify Search Functionality

**User Story 14: Personalized Dashboard Page**

State: New | Area: CaseStudy | Iteration: CaseStudy\Test Sprint

Links:

Link	State	Latest Update	Comment
42 Design Dashboard Layout	New	Updated 2 hours ago	
45 Develop Actions Section	New	Updated 2 hours ago	
43 Develop Dashboard UI	New	Updated 2 hours ago	
46 Implement Quick Links	New	Updated 2 hours ago	
44 Implement Time at Work Functionality	New	Updated 2 hours ago	
Parent	New	Updated 3 hours ago	
Tested By (5)			
16 Verify Action Items Functionality	Design	Updated 2 hours ago	
18 Verify Buzz Integration	Design	Updated 2 hours ago	
19 Verify Dashboard Responsiveness and Layout	Design	Updated 2 hours ago	
17 Verify Quick Links Functionality	Design	Updated 2 hours ago	
15 Verify Time at Work Display	Design	Updated 2 hours ago	

**User Story 20: Employee Reviews and Records Management**

State: New | Area: CaseStudy | Iteration: CaseStudy\Test Sprint

Links:

Link	State	Latest Update	Comment
50 Create Edit and View Details Functionality	New	Updated 2 hours ago	
47 Design Employee Reviews Page Layout	New	Updated 2 hours ago	
48 Develop Employee Reviews Page UI	New	Updated 2 hours ago	
49 Implement Search and Filter Functionality	New	Updated 2 hours ago	
51 Integrate with Employee Database	New	Updated 2 hours ago	
Parent	New	Updated 3 hours ago	
Tested By (5)			
23 Verify Actions Functionality	Design	Updated an hour ago	
21 Verify Display of Employee Reviews and Records	Design	Updated an hour ago	
25 Verify Page Responsiveness and Layout	Design	Updated an hour ago	
24 Verify Review Status Updates	Design	Updated an hour ago	
22 Verify Search Functionality	Design	Updated an hour ago	

InPrivate

https://dev.azure.com/shuser39/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=26

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy Team

USER STORY 26

26 View and Edit Personal Information

Unassigned 0 comments Add tag

Work item Status: New Area: CaseStudy Iteration: CaseStudy\Test Sprint Reason: New

Description: As a user, I want to view and edit my personal information on a dedicated page, so that I can keep my details up-to-date and ensure all information is accurate.

Acceptance Criteria:

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

Planning: Story Points: 1 Priority: 2 Risk: 1

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.

Classification: Value area: Business

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: Tested By (5)

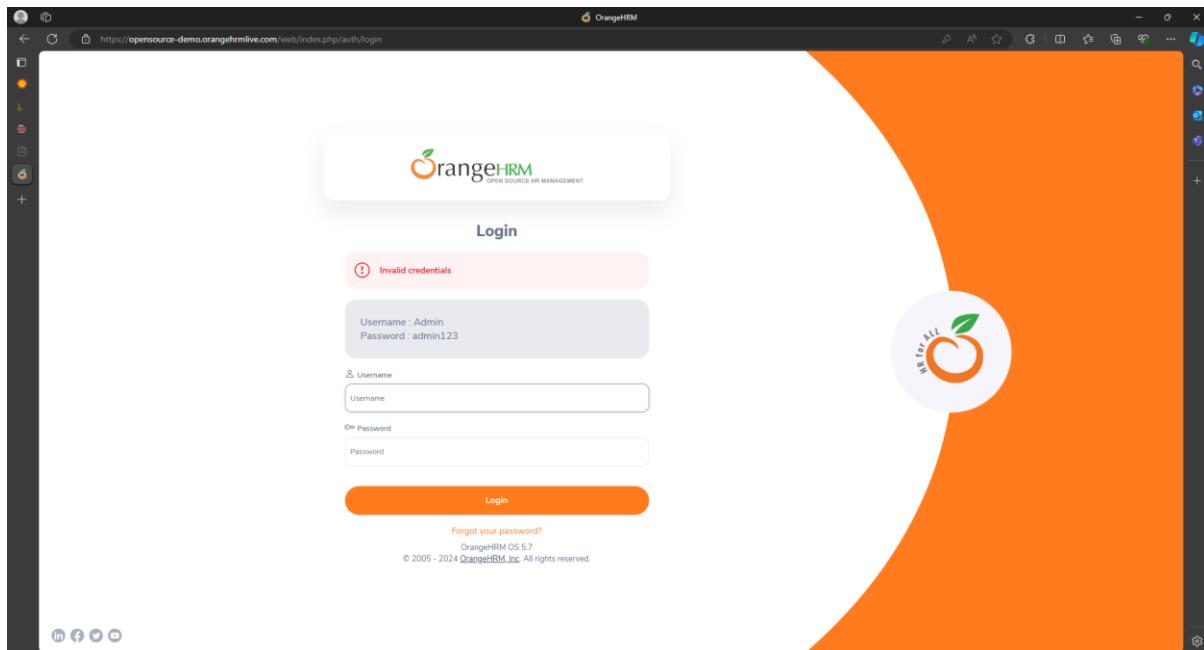
- 29 Verify Canceling Edits Updated 32 minutes ago, Design
- 28 Verify Editing Personal Information Updated 37 minutes ago, Design
- 31 Verify Page Responsiveness Updated 35 minutes ago, Design

Project settings

56 Integrate with User Database Unassigned

## 9. Execute all the test cases manually (functional testing).

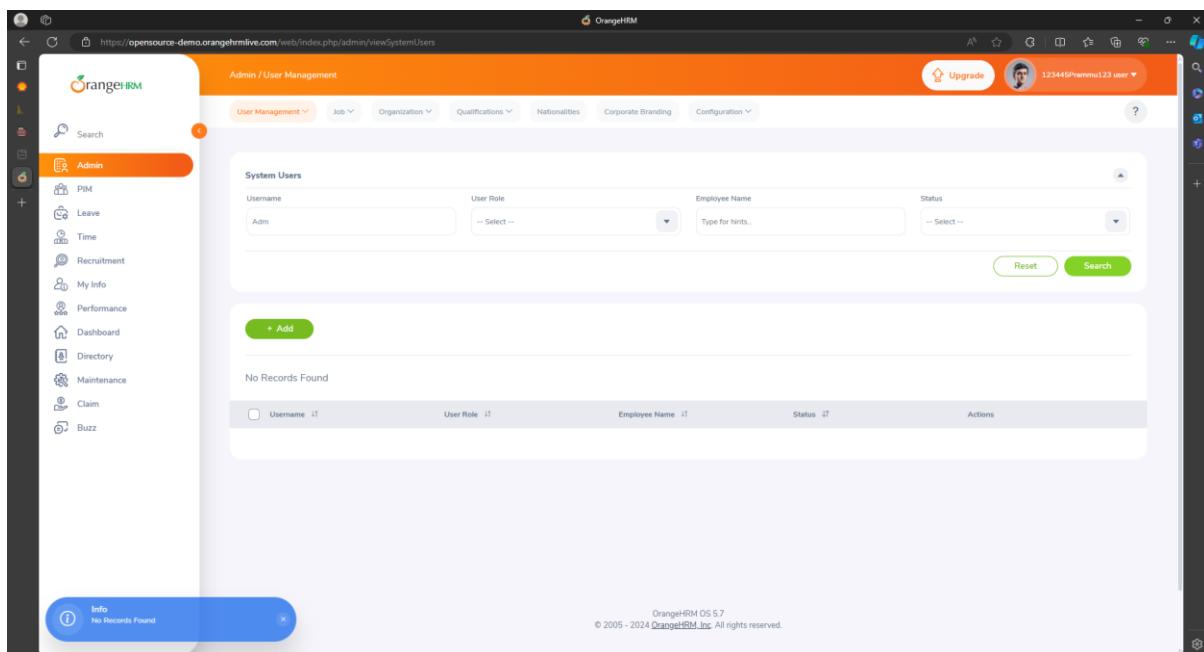
### User Story: Implement Login Functionality



All test cases passed

### User Story: User Management for Admin

DEFECT: Only full usernames are searchable.



All other test cases pass

## User Story: Personalized Dashboard Page

The screenshot shows the OrangeHRM personalized dashboard. At the top, there's an orange header bar with the OrangeHRM logo, a search bar, and an 'Upgrade' button. On the left, a vertical sidebar contains icons for Home, Search, Admin, PIM, Leave, Time, Recruitment, My Info, and Performance. The main dashboard area has several cards: 'Time at Work' showing punch-in/out details and a weekly summary; 'My Actions' listing tasks like 'Timesheet to Approve', 'Pending Self Review', and 'Candidate to Interview'; 'Quick Launch' with icons for Assign Leave, Leave List, Timesheets, Apply Leave, My Leave, and My Timesheet; 'Buzz Latest Posts' showing recent activity from a user; 'Employees on Leave Today' showing a list of employees; and a large circular chart titled 'Employee Distribution by Sub Unit' with data points for Engineering, Human Reso., Administration, Client Services, and Unsigned.

All Test Cases Pass

## User Story: Employee Reviews and Records Management

The screenshot shows the OrangeHRM 'Performance / Manage Reviews' page. The top navigation bar includes 'Configure', 'Manage Reviews' (which is selected), 'My Trackers', and 'Employee Trackers'. The left sidebar has a 'Performance' section with icons for Dashboard, Directory, Maintenance, Claim, and Buzz. The main content area is titled 'Employee Reviews' and features a search form with fields for Employee Name, Job Title, Sub Unit, and Include status (set to 'Current Employees Only'). It also includes 'Review Status', 'From Date' (2024-01-01), and 'To Date' (2024-31-12). Below the search form, a message says 'No Records Found'. A table header is visible with columns for Employee, Job Title, Sub Unit, Review Period, Due Date, Review Status, and Actions. At the bottom, a footer note reads 'OrangeHRM OS 5.7 © 2005 - 2024 OrangeHRM Inc. All rights reserved.'

All Test Cases Pass

## User Story: View and Edit Personal Information

### DEFECT: Name Validation

The screenshot shows the OrangeHRM web application interface. The left sidebar has a dark theme with orange highlights for the 'My Info' section, which is currently selected. The main content area is titled 'PIM' and shows a user profile for 'mandajiji8\*\*\*\*\*'. The profile picture is a placeholder of a man's face. The 'Personal Details' section contains the following data:

Employee Full Name*	akhil@*****	user	
Employee Id	muser	Other Id	4957589
Driver's License Number	56788	License Expiry Date	2023-1...
Nationality	American	Marital Status	Single
Date of Birth	2023-2...	Gender	Male (radio button)

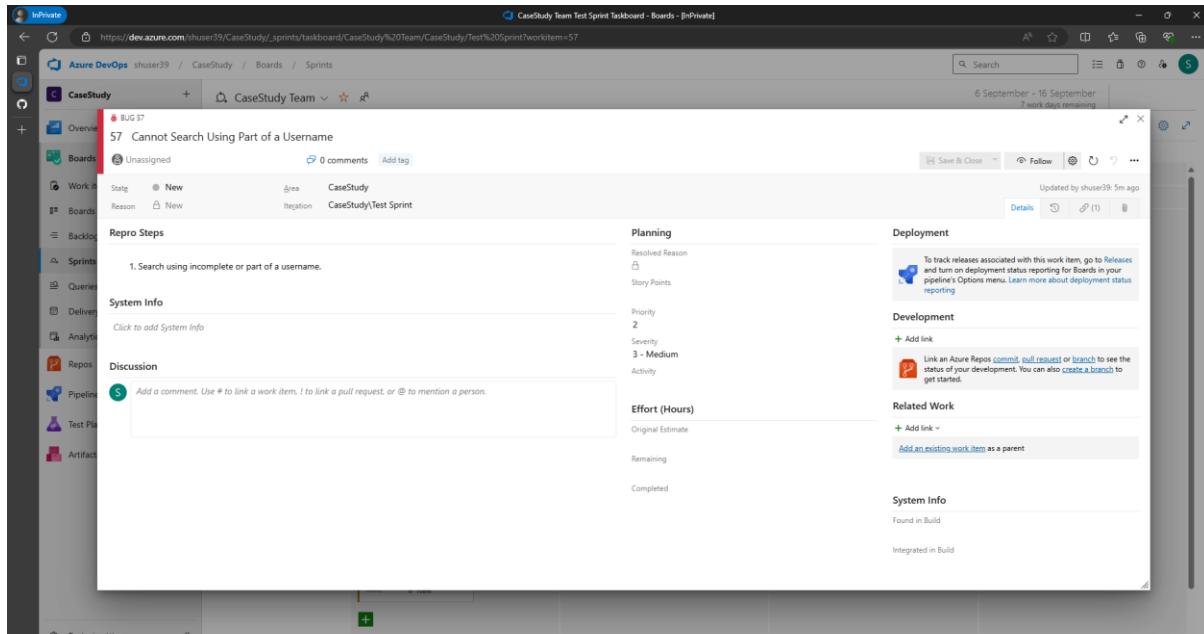
The 'Custom Fields' section includes fields for 'Blood Type' (A+) and 'Test\_Field' (445). A note at the bottom left says '\* Required' and a green 'Save' button is at the bottom right. The top right of the screen shows the OrangeHRM logo, a user icon, and the text 'mandajiji8\*\*\*\*\* user'.

## DEFECT: Page Responsiveness

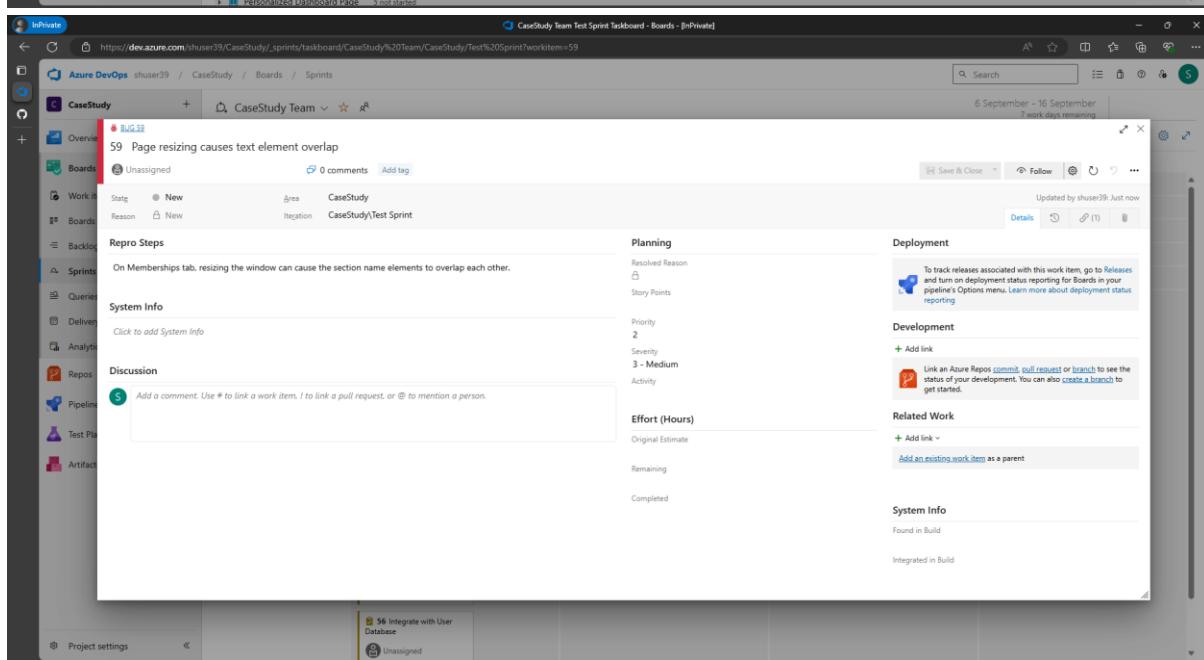
The screenshot shows the OrangeHRM PIM module interface. On the left, a sidebar menu is visible with various options like Admin, PIM, Leave, Time, Recruitment, and My Info (which is currently selected). The main content area displays a user profile for 'mandajiji' (with a redacted name). The profile includes a circular profile picture of a man, the name 'mandajiji', a redacted name, and the title 'user'. Below the profile, there are several tabs: Personal, Details, Emergency, Dependents, Immigration, Job, Salary, Report-to, Qualifications, and Memberships. The 'Memberships' tab is highlighted. To the right of the tabs, there are two sections: 'Assigned Memberships' and 'Attachments'. The 'Assigned Memberships' section has a heading 'No Records Found' and a table header with columns: Membership, Paid By, Subscription Amount, Currency, Subscription Commence Date, Subscription Renewal Date, and Actions. The 'Attachments' section has a heading '(1) Record Found' and a table header with columns: File Name, Description, Size, Type, Date Added, Added By, and Actions. One attachment is listed: 'abc.txt' (its membership), 9.00 B, text/plain, 2023-17-07, Admin. Action buttons for edit, delete, and download are shown next to the attachment row. At the bottom of the page, the footer reads 'OrangeHRM OS 5.7' and '© 2005 - 2024 OrangeHRM, Inc. All rights reserved.'

All other test cases pass.

## 10. Create a Defect Report for each failed or blocked test case.



The screenshot shows the details of a work item titled "BUG 57" in the "CaseStudy" project. The work item is a bug report with the ID 57, titled "Cannot Search Using Part of a Username". It is currently unassigned, marked as new, and assigned to the "CaseStudy" area and iteration. The "Repro Steps" section contains the instruction: "1. Search using incomplete or part of a username." The "System Info" section has a note: "Click to add System Info". The "Discussion" section is empty. The "Planning" section shows priority 2, severity 3 - Medium, and activity. The "Deployment" section provides instructions for tracking releases and deployment status. The "Development" section includes links to Azure Repos and a branch. The "Related Work" section allows adding links and existing work items. The "System Info" section indicates the work item is found in the build and integrated in the build.

The screenshot shows the details of a work item titled "BUG 59" in the "CaseStudy" project. The work item is a bug report with the ID 59, titled "Page resizing causes text element overlap". It is currently unassigned, marked as new, and assigned to the "CaseStudy" area and iteration. The "Repro Steps" section contains the note: "On Memberships tab, resizing the window can cause the section name elements to overlap each other." The "System Info" section has a note: "Click to add System Info". The "Discussion" section is empty. The "Planning" section shows priority 2, severity 3 - Medium, and activity. The "Deployment" section provides instructions for tracking releases and deployment status. The "Development" section includes links to Azure Repos and a branch. The "Related Work" section allows adding links and existing work items. The "System Info" section indicates the work item is found in the build and integrated in the build.

InPrivate

https://dev.azure.com/CaseStudy/\_sprints/taskboard/CaseStudy%20Team/CaseStudy/Test%20Sprint?workitem=58

CaseStudy Team Test Sprint Taskboard - Boards - [InPrivate]

Azure DevOps shuser39 / CaseStudy / Boards / Sprints

CaseStudy Team

58 Special characters permitted in names

Unassigned 0 comments Add tag

Save & Close Follow ...

6 September - 16 September  
7 work days remaining

Updated by shuser39: 3m ago

Details (1)

Bug 58

58 Special characters permitted in names

Unassigned 0 comments Add tag

Save & Close Follow ...

6 September - 16 September  
7 work days remaining

Updated by shuser39: 3m ago

Details (1)

Work item

Start: New Area: CaseStudy

Reason: New Iteration: CaseStudy/Test Sprint

Repro Steps

Add special characters (like @) to the user name field and save.

System Info

Click to add System info

Discussion

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

Planning

Resolved Reason: Story Points

Priority: 2 Severity: 3 - Medium Activity:

Effort (Hours)

Original Estimate: Remaining: Completed:

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

System Info

Found in Build Integrated in Build

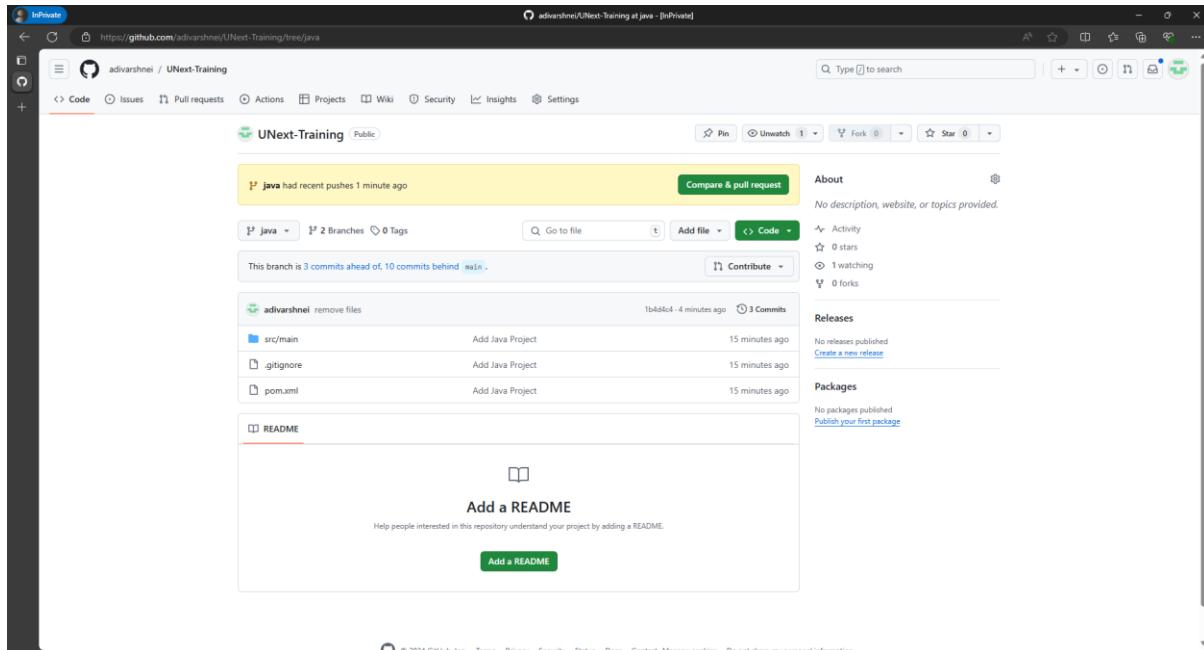
Project settings

56 Integrate with User Database Unassigned

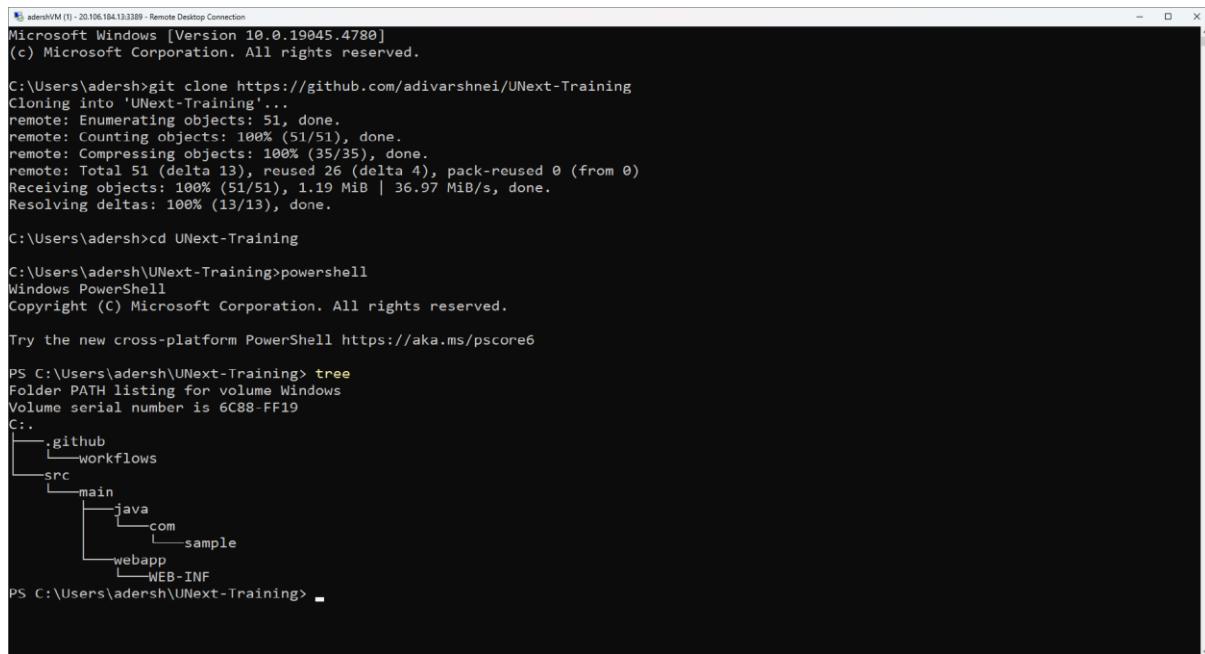
56 Integrate with User Database Unassigned

# Part 2: Implementing the CI/CD Pipeline using GitHub Actions

11. Create a new repository on your GitHub account.



12. Clone the code base of the Java (any preferred language) project into your repository. The project's codebase would be present in the VM.



```
adershVM (1) - 20.106.194.13:3389 - Remote Desktop Connection
Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Users\adersh>git clone https://github.com/adivarshnei/UNext-Training
Cloning into 'UNext-Training'...
remote: Enumerating objects: 51, done.
remote: Counting objects: 100% (51/51), done.
remote: Compressing objects: 100% (35/35), done.
remote: Total 51 (delta 13), reused 26 (delta 4), pack-reused 0 (from 0)
Receiving objects: 100% (51/51), 1.19 MiB | 36.97 MiB/s, done.
Resolving deltas: 100% (13/13), done.

C:\Users\adersh>cd UNext-Training

C:\Users\adersh\UNext-Training>powershell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\adersh\UNext-Training> tree
Folder PATH listing for volume Windows
Volume serial number is 6C88-FF19
C:
+-- .github
    +-- workflows
+-- src
    +-- main
        +-- java
            +-- com
                +-- sample
        +-- webapp
            +-- WEB-INF
```

### 13. Create a New Workflow on GitHub Actions for the Java/Maven code.

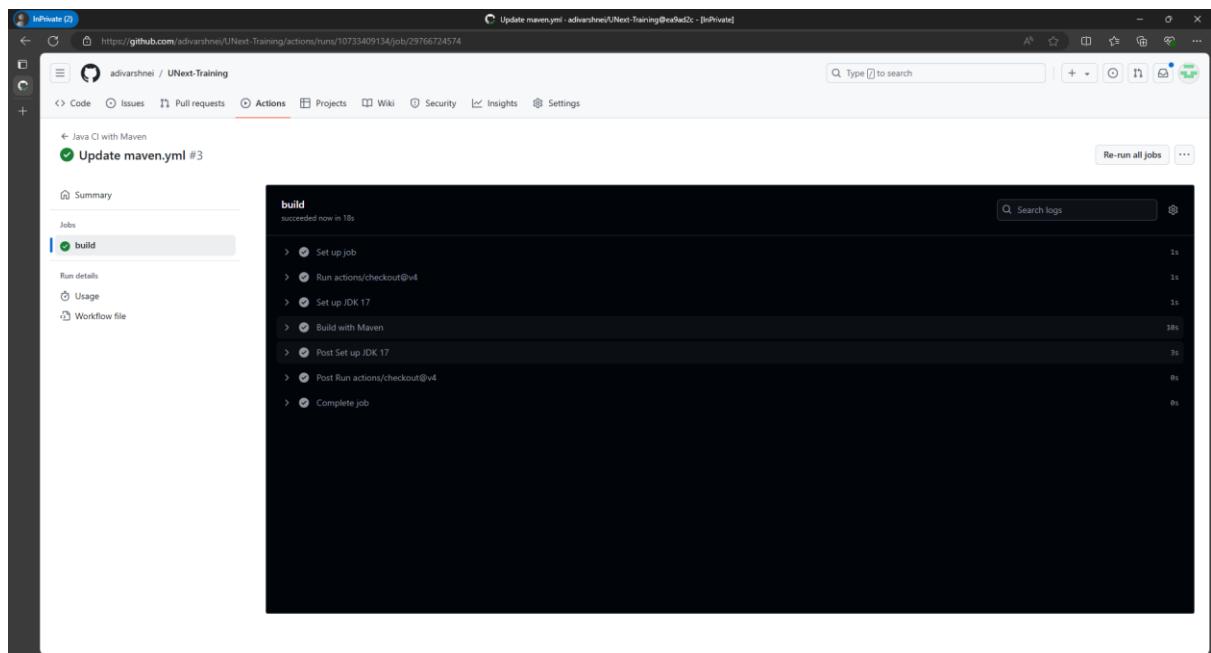
The screenshot shows the GitHub Actions workflow editor for the repository 'adivarshnei/UNext-Training'. The main pane displays the YAML configuration for the workflow:

```
1  # This workflow will build a Java project with Maven, and cache/restore any dependencies to improve the workflow execution time
2  # For more information see: https://docs.github.com/en/actions/automating-builds-and-tests/building-and-testing-java-with-maven
3
4  # This workflow uses actions that are not certified by GitHub.
5  # They are provided by a third-party and are governed by
6  # separate terms of service, privacy policy, and support
7  # documentation.
8
9  name: Java CI with Maven
10
11  on:
12    push:
13      branches: [ "main" ]
14    pull_request:
15      branches: [ "main" ]
16
17  jobs:
18    build:
19
20      runs-on: ubuntu-latest
21
22      steps:
23        - uses: actions/checkout@v4
24        - name: Set up JDK 17
25          uses: actions/setup-java@v4
26          with:
27            java-version: '17'
28            distribution: 'temurin'
29            cache: maven
30        - name: Build with Maven
31          run: mvn -B package --file pom.xml
32
```

The right sidebar shows the GitHub Marketplace with several featured actions listed:

- Setup Node.js environment (3.8k stars)
- Upload a Build Artifact (3.1k stars)
- Setup Java JDK (1.5k stars)
- Download a Build Artifact (1.4k stars)
- Close Stale Issues (1.3k stars)

## 14. Monitor the created build.



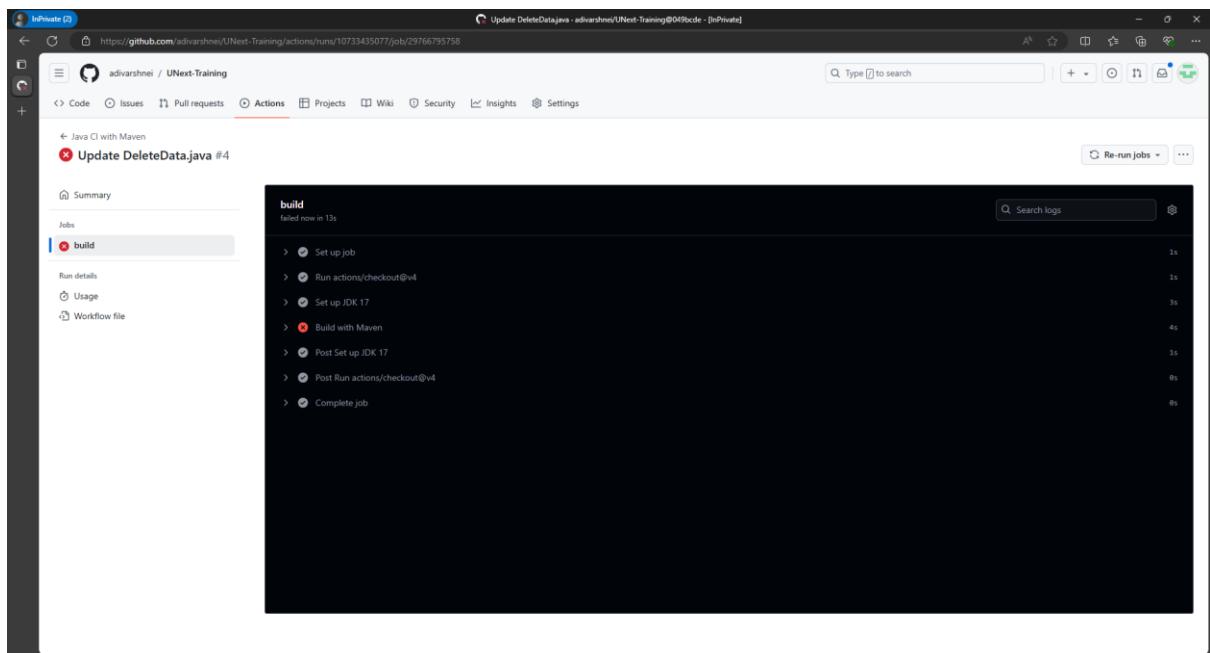
15. Modify the code in your repository to recheck the Workflow and the Build. For example, you could modify a Java class or update the pom.xml file.

The screenshot shows a GitHub commit page for a private repository. The commit is titled "Update DeleteData.java" and was made by "adivarshnei" (verified). The commit message is "adivarshnei committed now Verified". The code diff shows one deletion in the "DeleteData.java" file:

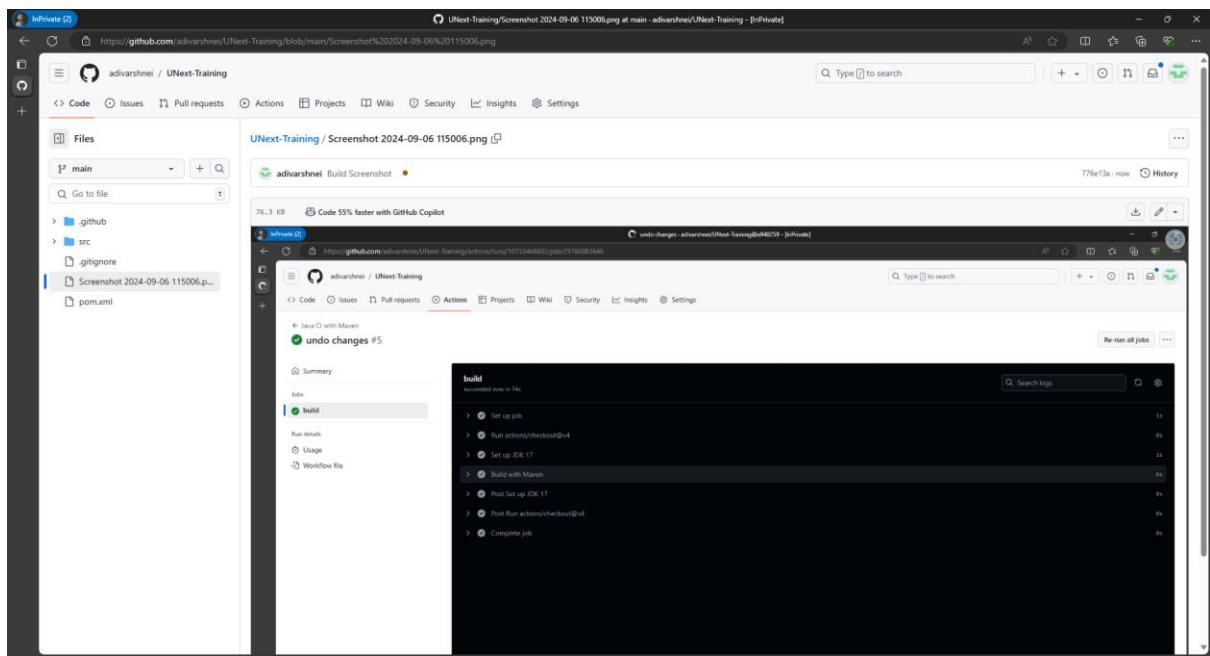
```
diff --git a/src/main/java/com/sample/DeleteData.java b/src/main/java/com/sample/DeleteData.java
--- a/src/main/java/com/sample/DeleteData.java
+++ b/src/main/java/com/sample/DeleteData.java
@@ -16,7 +16,6 @@ public class DeleteData extends HttpServlet {
 @Override
-protected void doPost(HttpServletRequest req, HttpServletResponse resp)
-throws ServletException, IOException {
+resp.setContentType("text/html;charset=UTF-8");
 resp.getWriter() = resp.getWriter();
```

There are 0 comments on this commit. A comment box is open, with "Write" selected, and the placeholder "Leave a comment". Below the comment box are buttons for "Markdown is supported" and "Paste, drop, or click to add files". A green "Comment on this commit" button is at the bottom right.

## 16. Commit it and monitor the build result.



## 17. Update the screenshot of successful build and commit it in the repo.



18. In your repository, add the created test cases report and defect report.