

HP- ALM

HISTORY OF HP-ALM TOOL

- Initially tool name “MQC” developed by Mercury.
- MQC = Mercury Quality Center
- HP company Takeover MQC and renamed HP-QC.
- HP-QC (Version 9.0)
- HP- ALM (Application Lifecycle Management)
- Different versions are 11,12, 12.55
- Latest Version of HP-ALM is “15.5”

❖ On which version of HP-ALM you have worked ?

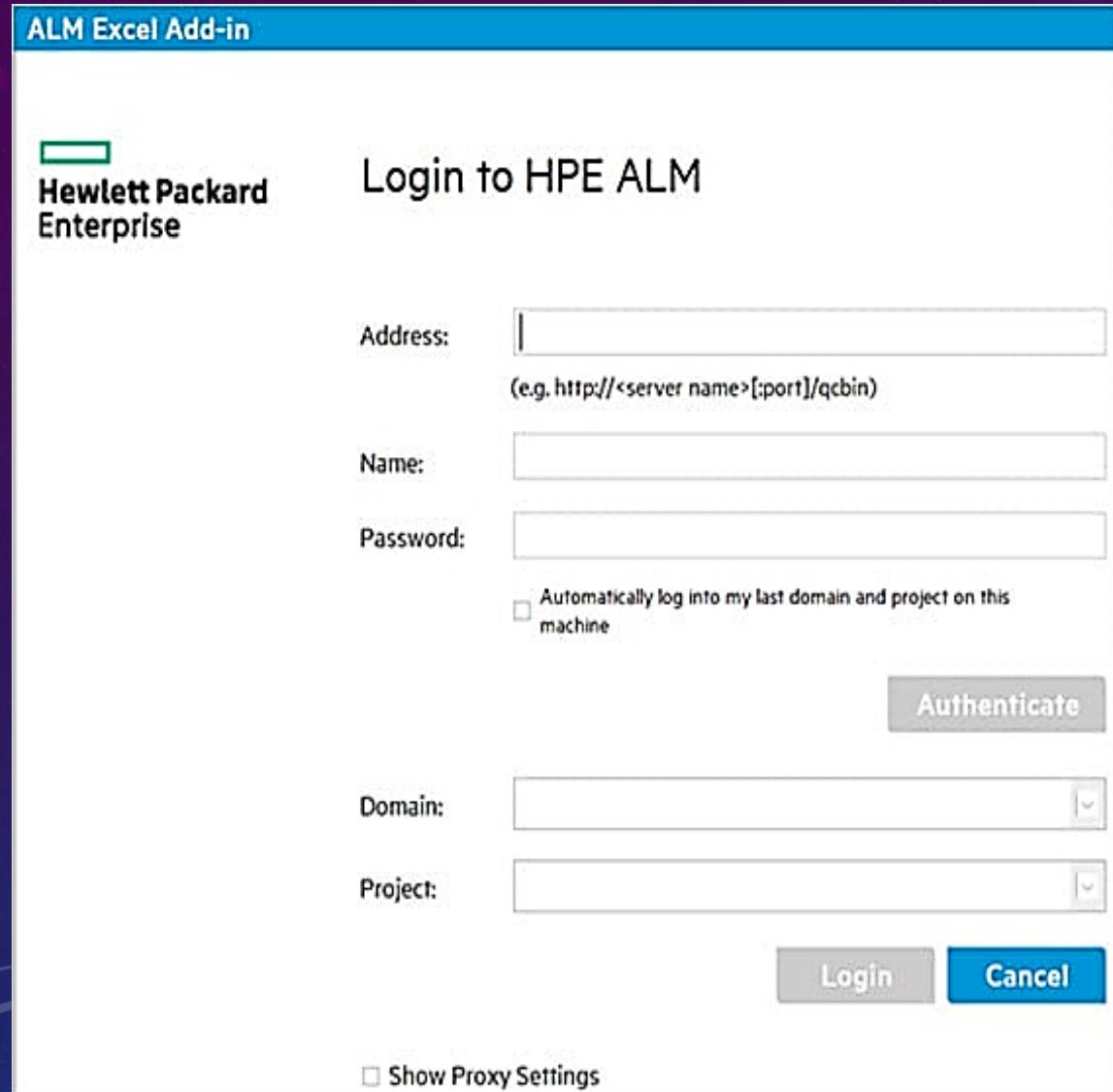
- “ HP-ALM 12” version we have used in our Organization

WHY HP-ALM IS USED ?

❖ We can do many things in Single Tool

1. To generate Graphs and Reports [Project wise and Release wise]
2. To create Release and Cycles
3. To Create Requirements and preparation of Traceability Matrix
4. To Design/Write Test Cases
5. To Execute Test Cases
6. We can Log the Defect
7. To Link the Defects with Failed Test Cases

LOGIN TO HP-ALM



1. Open the browser and Enter website “Softwaretesting help.com”
2. Go to Login to HP-ALM
3. There will already be server URL mentioned in Address
4. Enter Name and Password and click on “Authenticate”
5. Select specific domain of project from dropdown list
6. Select Specific Project from dropdown value assigned to Test Engineer

COMPONENTS OF HP-ALM

HP Application Lifecycle Management
Tools Help

Address: http://alm-us.csintra.net/qcbn/start_a.jsp

1 → Dashboard

2 → Management

3 → Requirements

4 → Testing

5 → Defects

Analysis Edit View

Generate

Details Configuration View

Overall Defect Summary By Component

Number of Defects

Components

Legend:

- Blocked External
- Closed
- Deferred
- New
- Open
- Reopened
- Re-test

Component	Number of Defects
CDOS	4
DTDC	12
GSLG3	29
Graham	7
Merkle	88
Medusa	1
Praum	5
SIERRA	157
Vision	14

Last Generated (Local Time): 1/7/2020 2:18:07 PM

Server Time: 1/7/2020 4:49

The screenshot shows the HP ALM application's user interface. On the left, there is a vertical navigation menu with several sections: Dashboard, Management, Requirements, Testing, and Defects. Red arrows numbered 1 through 5 point to the 'Dashboard', 'Management', 'Requirements', 'Testing', and 'Defects' items respectively. The 'Defects' section is currently selected, as indicated by a blue highlight. The main content area displays a 'Overall Defect Summary By Component' bar chart. The x-axis lists components: CDOS, DTDC, GSLG3, Graham, Merkle, Medusa, Praum, SIERRA, and Vision. The y-axis represents the 'Number of Defects' from 0 to 150. The bars show the following defect counts: CDOS (4), DTDC (12), GSLG3 (29), Graham (7), Merkle (88), Medusa (1), Praum (5), SIERRA (157), and Vision (14). A legend on the right side of the chart defines the defect status colors: Blocked External (dark red), Closed (dark grey), Deferred (light grey), New (yellow), Open (red), Reopened (blue), and Re-test (green).

MAIN COMPONENTS OF HP-ALM TOOL

1. Dashboard (Main Component)

- Analysis View ----- It is Used to generate graphs and pie charts.
- Dashboard View

2. Management

- Releases ----- To create releases and Cycles
- Libraries

3. Requirements

- Requirements ----- To create requirements and Traceability matrix
- Business Module

4. Testing

- Test Resources
- Test Plan ----- It is used to Design/Write Test Cases
- Test Lab ----- It is used for Test case Execution as well as to link defect with Failed Test cases
- Test Runs

5. Defect

USE OF DASHBOARD

- In dashboard view there is sub component named as “Analysis View” which is used to generate graphs and reports of projects
- This is Mostly used by Test Lead and Project Manager

HOW TO CREATE RELEASE

Release Name	What is to be tested	Start date	End date	Cycles
May release	Feature 1 Feature 2	01-May-2013	30-May-2013	1. Smoke test (01-May-2013 to 03-May-2013) 2. Sanity Test (04-May-2013 to 10-May-2013) 3. Functional testing (11-May-2013 to 30-May-2013)
June release	Feature 3 Feature 4	01-June-2013	30-June-2013	4. Smoke test (01-June-2013 to 03-June-2013) 5. Sanity Test (04-June-2013 to 10-June-2013) 6. Regression Test for May release features (11-June-2013 to 15-June-2013) 7. Functional testing (16-June-2013 to 30-June-2013)

Step No. 1 → Click on “Management” → Choose “Releases” from Dropdown → Click on “Releases”

The screenshot shows the Application Lifecycle Management (ALM) interface. The top navigation bar includes 'Back', 'Forward', 'Tools', and 'Help'. The main menu bar has 'Releases', 'Edit', and 'View' options. A toolbar below the menu bar contains various icons for file operations like New, Open, Save, Print, and Cut/Paste.

The left sidebar menu lists several categories: Dashboard, Management, Releases (which is highlighted in orange), Libraries, Requirements, Testing, Test Resources, Test Plan, Test Lab, and Defects. The 'Releases' category is currently selected.

The central workspace displays a context menu for 'Releases' under the 'Edit' tab. This menu includes options such as 'New Release Folder...', 'New Release...', 'New Milestone...', 'New Cycle...', 'Cut', 'Paste', 'Reschedule', 'Duplicate Cycle...', and 'Duplicate Milestone...'. Each option is accompanied by a keyboard shortcut.

A status bar at the bottom right indicates 'Domain: SHARED_SERVICES, Project: W...'.

Step No. 2 → Right Click on Default “Releases” Folder and choose “New Release Folder”

Application Lifecycle Management Domain: SHARED_SERVICES Project: W...

< Back Forward > Tools Help

Dashboard Management Releases Libraries Requirements Testing Test Resources Test Plan Test Lab Defects

Releases Edit View

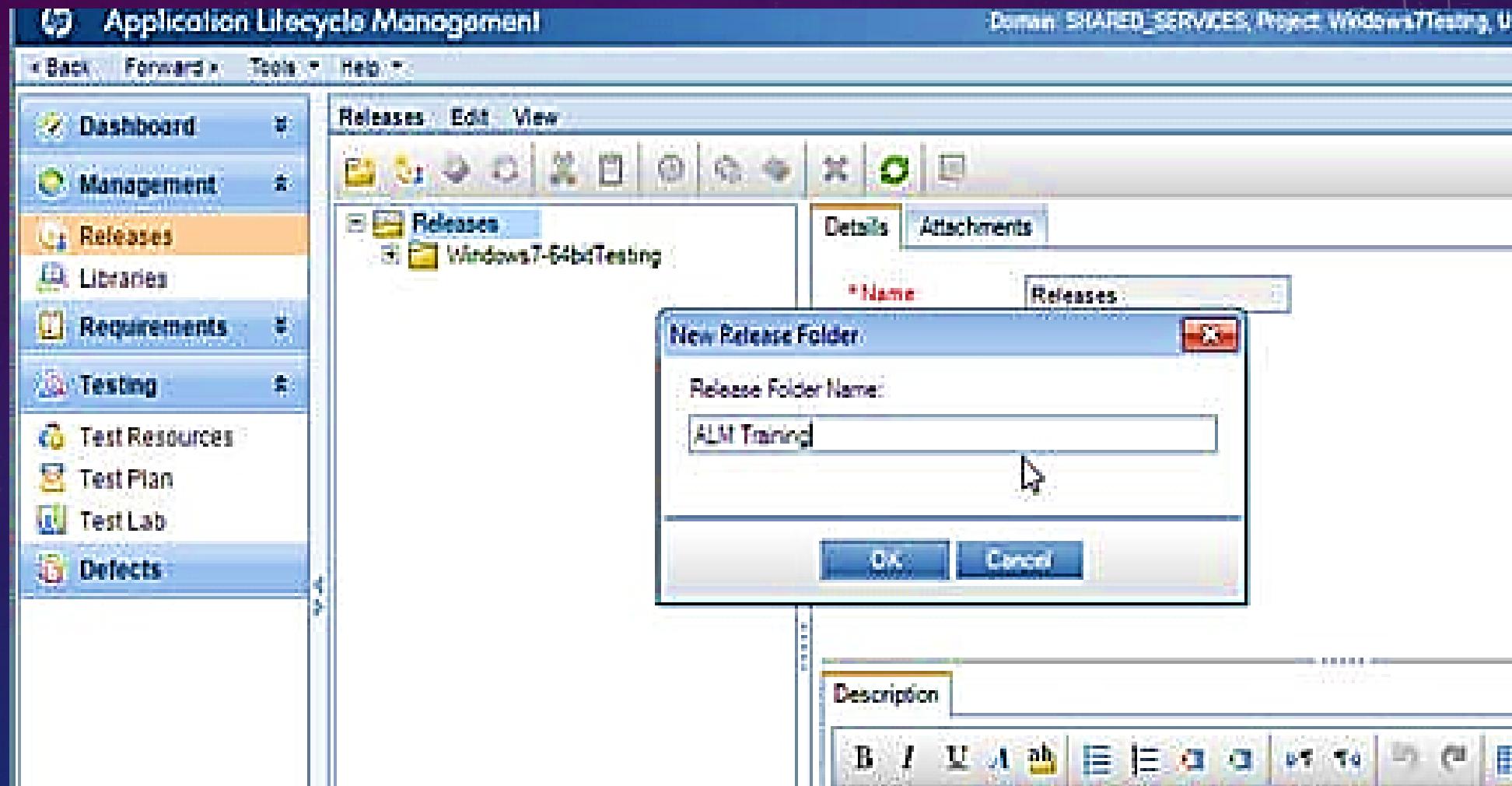
New Release Folder... Ctrl+Alt+N
New Release... Ctrl+R
New Milestone... Ctrl+M
New Cycle... Ctrl+Y
Cut Ctrl+X
Paste Ctrl+V
Reschedule
Duplicate Cycle Ctrl+D
Duplicate Milestone Ctrl+Alt+D

Attachments

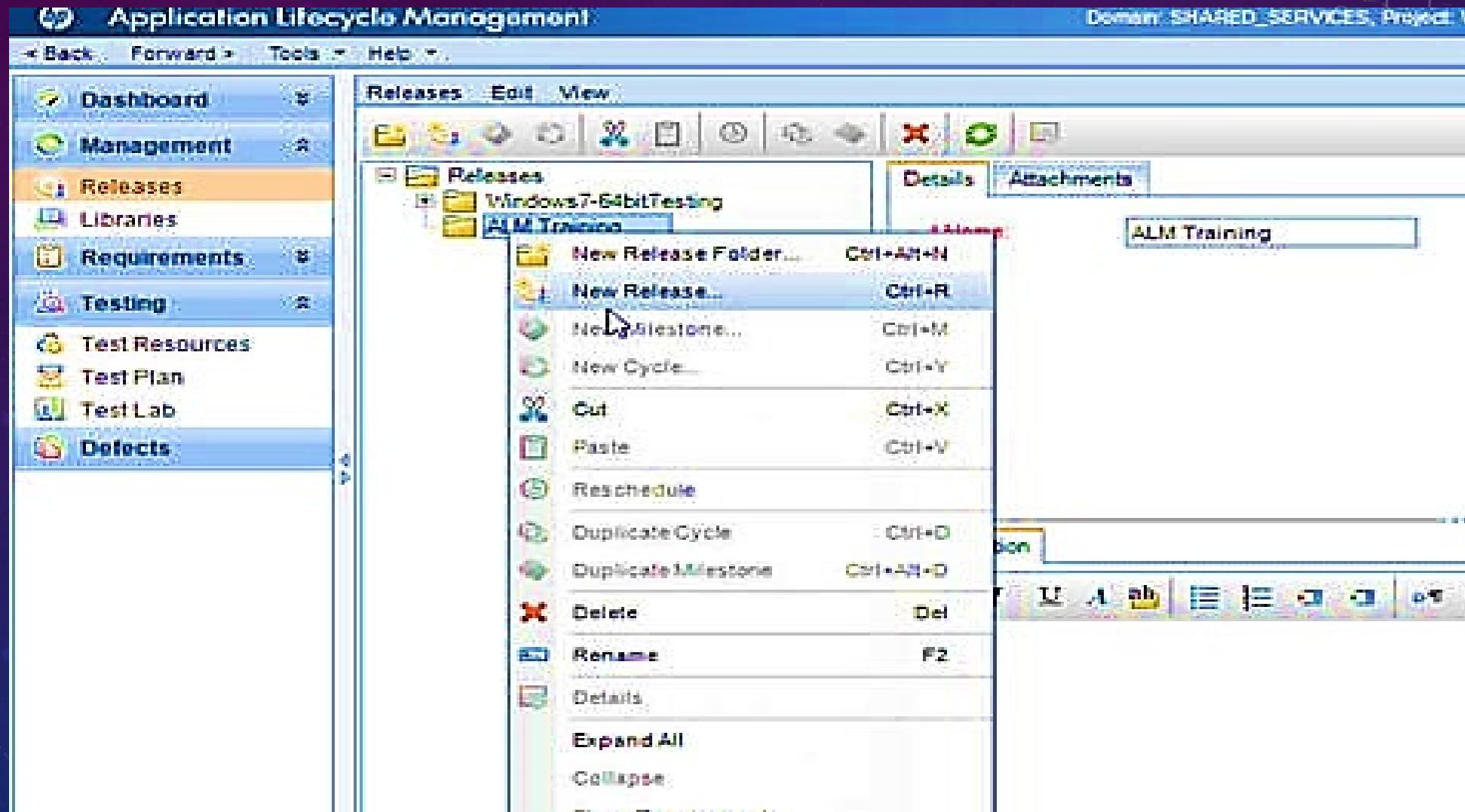
Releases

The screenshot shows the HP ALM application interface. The left sidebar has a 'Releases' item selected, which is highlighted with an orange background. The main workspace shows a 'Releases' menu with various options like 'New Release Folder...', 'New Release...', etc. A context menu is open over the 'Releases' folder icon, and the 'New Release Folder...' option is highlighted with a yellow background and a small orange arrow indicating it is the target of a right-clicked mouse.

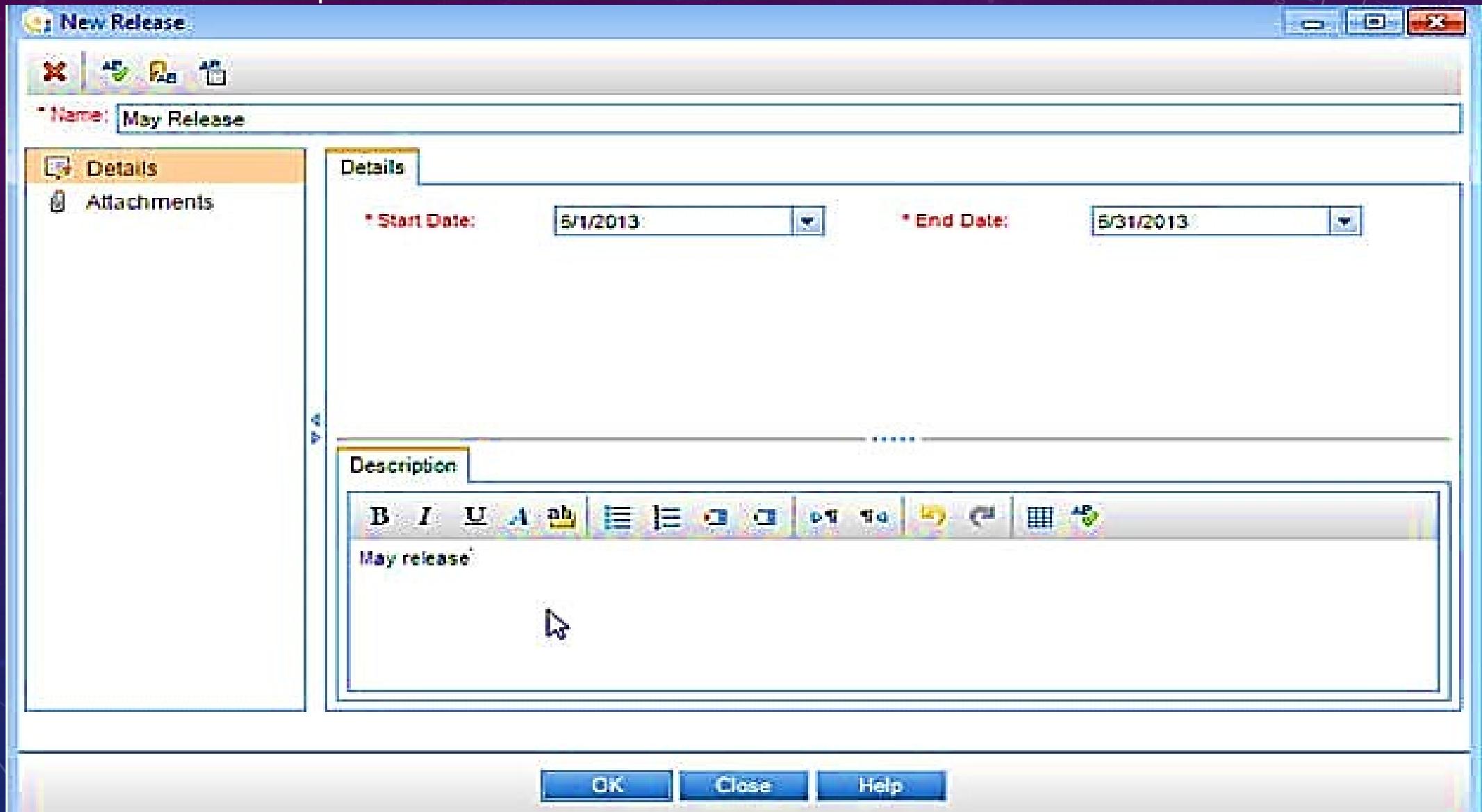
Step No. 3 → Give Name to New Release Folder as “Amazon” → Click on OK



Step No. 4 → Right Click on “Amazon” and Choose option “ New Release ” → New Release window will open



Step No. 5 → Insert “ *Name ” as ‘Amazon_MayRelease_2021’ → Choose “* Start date” and “* End Date” of Release
→ Insert “Description” → Click on OK



Step No. 6 → ‘Amazon_MayRelease_2021’ will be Created

Application Lifecycle Management Domain: SHARED_SERVICES Project: WindowsTesting User: mythili_sundara Logout

< Back Forward > Tools Help

Dashboard Management Releases Libraries Requirements Testing Test Resources Test Plan Test Lab Defects

Releases Edit View

Details Release Scope Master Plan Scorecard Status Attachments

* Name: May Release * Start Date: 5/1/2013
Release ID: 1003 * End Date: 5/31/2013

Statistics
Requirements assigned to release:

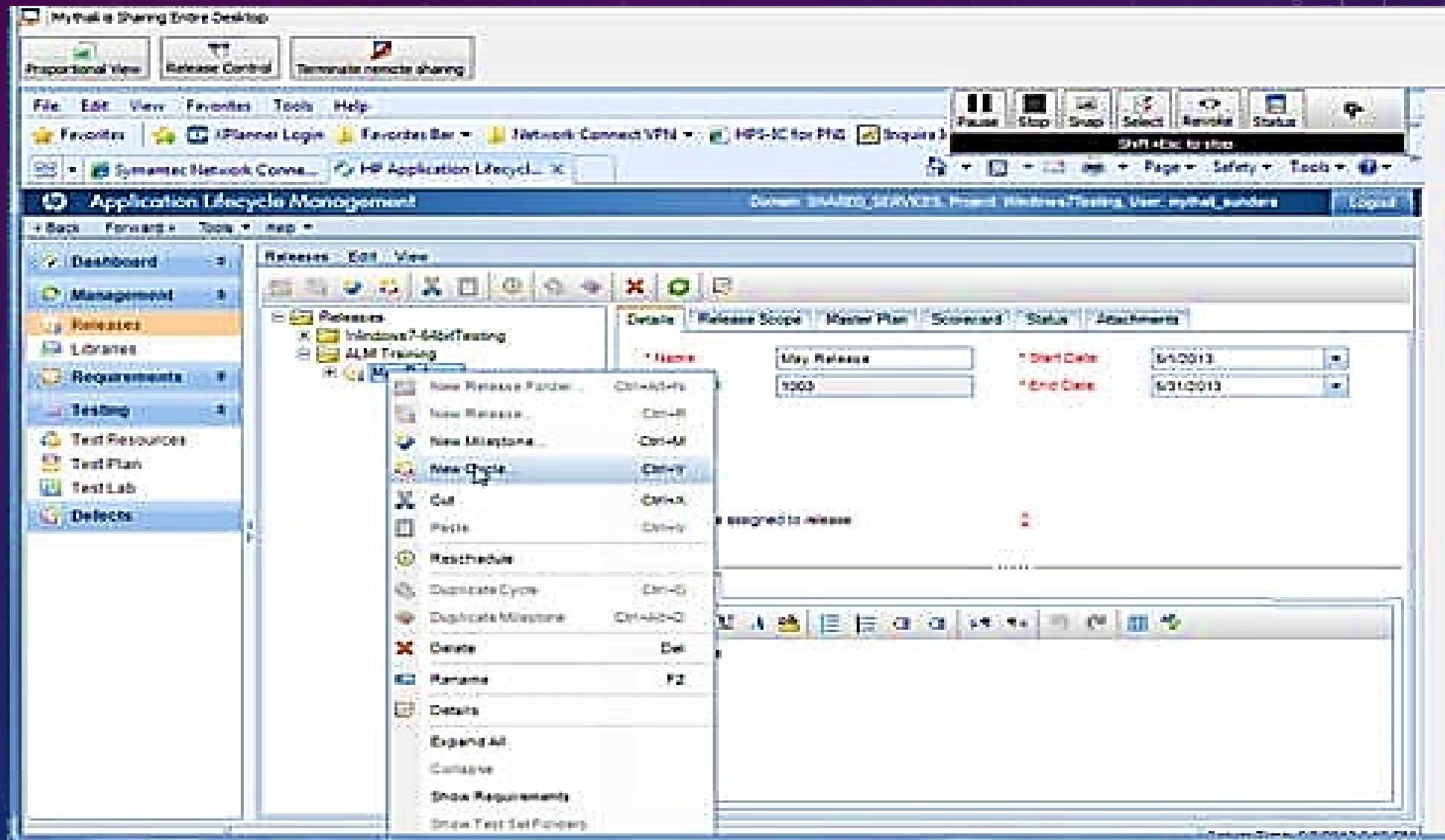
Description

May release

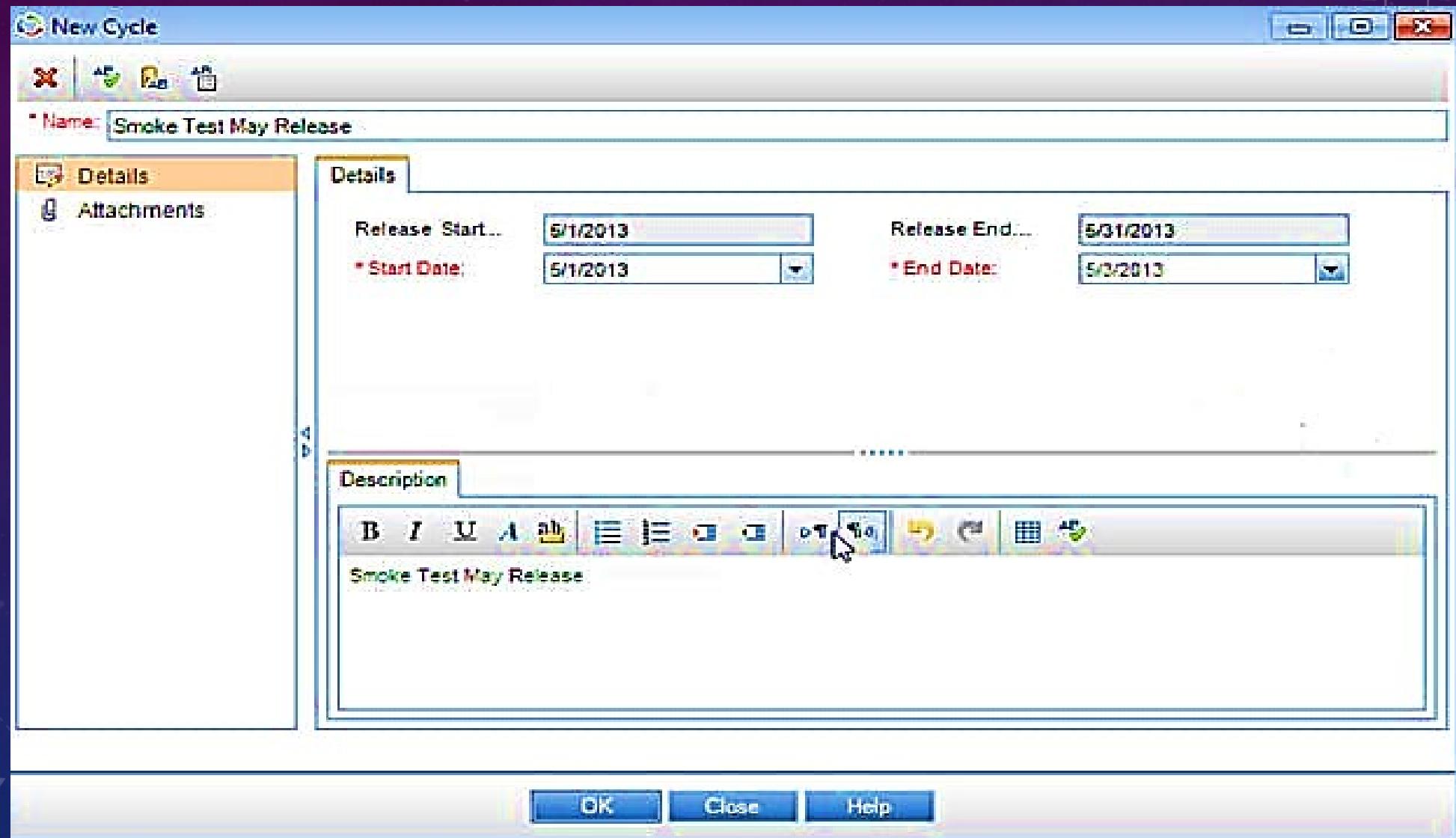
The screenshot shows the 'Releases' screen in ALM. On the left, a navigation bar includes links for Dashboard, Management, Releases (which is selected and highlighted in orange), Libraries, Requirements, Testing, Test Resources, Test Plan, Test Lab, and Defects. The main area displays a tree view under 'Releases' with nodes for Windows7-64bitTesting, ALM Training, and May Release. A toolbar above the tree view contains icons for New, Open, Save, Print, and others. The 'Details' tab is active, showing fields for Name (May Release), Start Date (5/1/2013), Release ID (1003), and End Date (5/31/2013). Below the details, sections for Statistics, Requirements assigned to release, and Description are visible. The Description area contains the text 'May release' and has a rich-text editor toolbar.

HOW TO CREATE CYCLE

Step No. 1 → Right Click on 'Amazon_MayRelease_2021' release and Choose option " New Cycle" → Click on it



Step No. 2 → Insert “* Name” as ‘Amazon_MayRelease_2021_Sanity Cycle’ → Choose “* Start Date” and “* End Date”
→ Enter Description → Click on OK



Step No. 3 → Repeat this procedure and generate “Functional” and “Regression Cycles”

The screenshot shows the Application Lifecycle Management (ALM) software interface. The title bar reads "Application Lifecycle Management" and "Domain: SHARED_SERVICES, Project: Web". The left sidebar menu includes "Dashboard", "Management", "Releases" (which is selected and highlighted in orange), "Libraries", "Requirements", "Testing", "Test Resources", "Test Plan", "Test Lab", and "Defects". The main content area has tabs for "Releases", "Edit", and "View". The "Releases" tab is active, showing a tree view of releases. The tree structure is as follows:

- Releases
 - Windows7-64bitTesting
 - ALM Training (selected)
 - May Release
 - Smoke Test May Release
 - Sanity Test May Release
 - Functional Test May Release
 - June Release
 - Smoke Test June Release
 - Sanity Test June Release
 - Regression Test for May release
 - Functional Test June Release

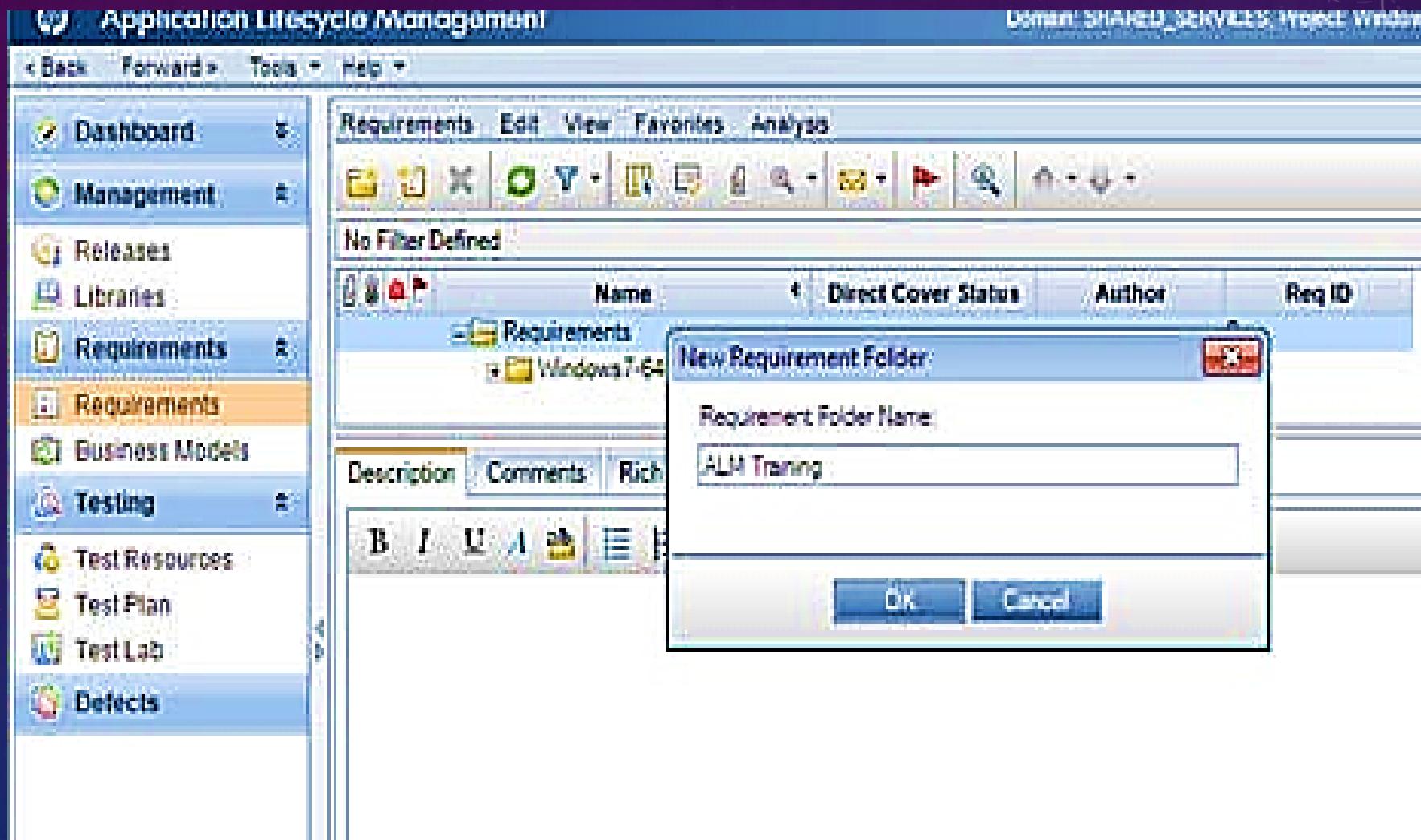
On the right side, there are two tabs: "Details" and "Attachments". The "Details" tab is active, showing the following fields:

- Name: ALM Training
- Description: (empty)

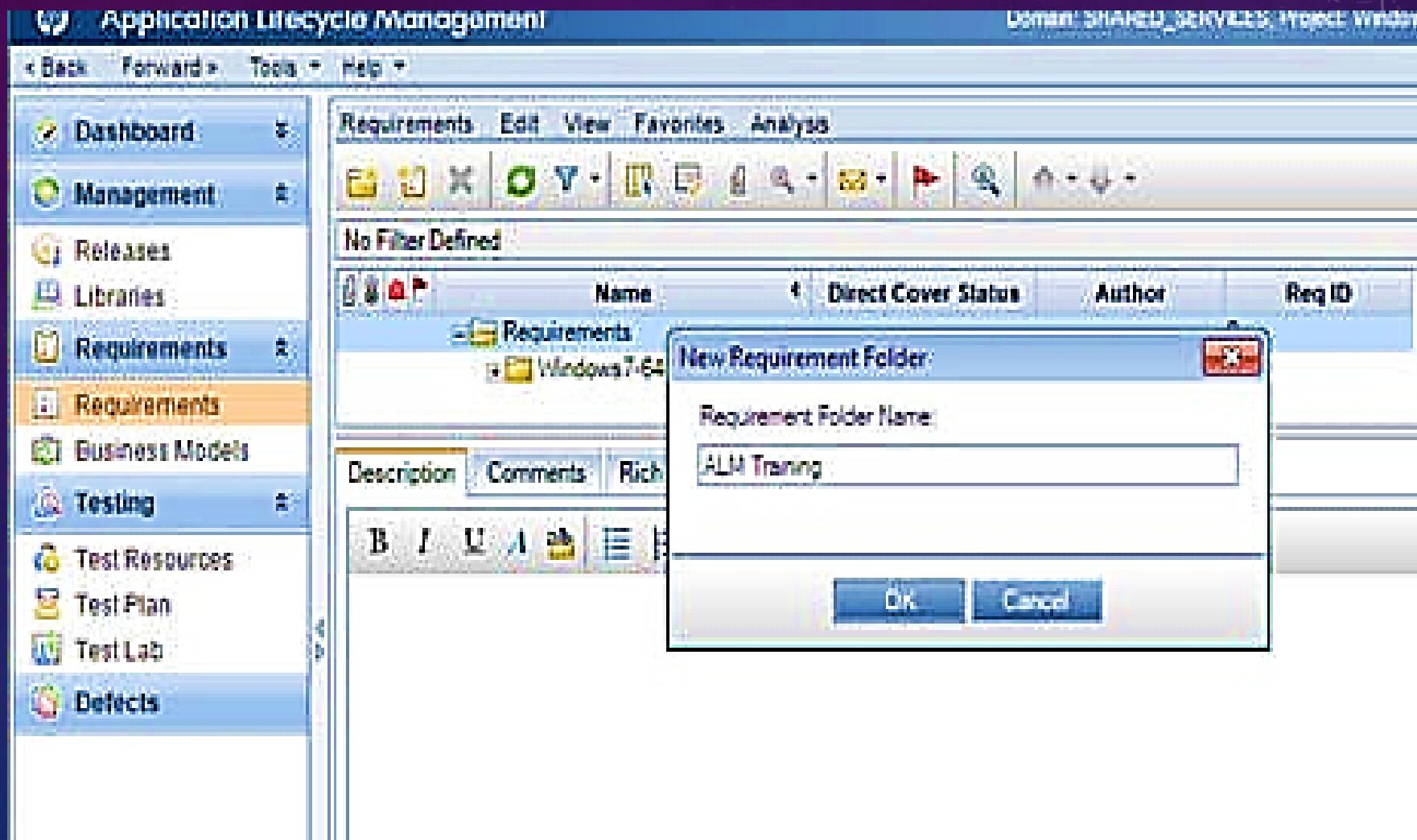
Below the "Description" field is a rich text editor toolbar.

HOW TO CREATE REQUIREMENTS

Step No. 1 → Click on “Requirements” → Choose “Requirements” subcomponent → Right Click on default Folder ‘Requirements’ and choose “New requirement Folder”



Step No. 2 → Enter name as “ Amazon” → Click OK → Right Click on Folder ‘Amazon’ and choose “New Requirement Folder” and Enter name “ May_Release” → Click on OK



Step No. 3 → Right Click on Folder 'May_Release' and Select " New Requirement" → Click on OK

The screenshot shows the Requirements Management interface of ALM. The left sidebar contains navigation links: Dashboard, Management, Releases, Libraries, Requirements (selected), Requirements (highlighted in orange), Business Models, Testing, Test Resources, Test Plan, Test Lab, and Defects. The main area displays a tree view of requirements under the 'ALM Training' folder. The tree structure includes 'Requirements', 'Windows 7-64bitTesting', 'ALM Training' (selected and highlighted in blue), 'May Release' (selected and highlighted in blue), and 'June Release'. The table below the tree view lists requirements details:

Name	Direct Cover Status	Author	Req ID
Requirements	---		0
Windows 7-64bitTesting	---	tara_ghosh	1
ALM Training	---	mythali_sundara	5
May Release	---	mythali_sundara	9
June Release	---	mythali_sundara	11

Below the table, there are tabs for Description, Comments, Rich Text, Attachments, and History. A rich text editor toolbar is located at the bottom of the screen.

Step No. 4 → Enter “* Name ” as “ Login_Correct Credentials” → Click on “* Requirement Type” and choose “Testing” → Click on “Submit”

New Requirement

* Name: Login - Correct credentials * Requirement Type: Testing

Details Rich Text Attachments

Author:	mythali_sundara	Creation Date:	
Creation Time:		Direct Cover...	
Modified:		Priority:	
Product:		Reviewed:	Not Reviewed
Target Cycle:		Target Release:	

Description Comments

B I U A ab

Submit Close Help

Step No. 5 → “Requirement ID” will be generated

The screenshot shows a software interface for managing requirements. The top menu bar includes 'Requirements', 'Edit', 'View', 'Favorites', and 'Analysis'. Below the menu is a toolbar with various icons for file operations like New, Open, Save, Print, and search. A message 'No Filter Defined' is displayed above the main table area.

	Name	Direct Cover Status	Author	Req ID
...	Requirements	...		0
+	Windows 7-64bitTesting	...	tana_ghosh	1
-	ALM Training	...	mythali_sundara	8
-	May Release	...	mythali_sundara	9
...	Login - Correct cre...	Not Covered	mythali_sundara	12
...	June Release	...	mythali_sundara	11

HOW TO WRITE TEST CASE IN TEST PLAN

Step No. 1 → Click on “Testing” → Choose option “Test Plan” from dropdown list → Click on ‘Test Plan’ and right side by default folder “Subject” will be visible

The screenshot shows a software application interface with a sidebar and a main content area.

Left Sidebar (Management Section):

- Dashboard
- Management
- Releases
- Libraries
- Requirements
- Requirements
- Business Models
- Testing
- Test Resources
- Test Plan** (highlighted with a red arrow)
- Test Lab
- Defects

Main Content Area:

Tests Edit View Favorites Analysis

No Filter Defined

Name	Subject	Status	Description	Attachments	Live Analysis
Windows 7 - 64 bits Testing	Unattached	Windows 7 - 64 bits Testing			
ALM Training	Unattached	ALM Training			
May Release	Unattached	May Release			
June Release	Unattached	June Release			

Step No. 2 → Right click on folder “Subject” and click on “New Folder” and rename it as “Amazon” → Right click on folder ‘Amazon’ and Click on new folder and rename it as “ May_ Release”

The screenshot shows the ALM Test Plan application interface. On the left, there is a navigation sidebar with various management options: Dashboard, Management (Releases, Libraries, Requirements), Requirements (Business Models), Testing, Test Resources, Test Plan, Test Lab, and Defects. The 'Test Plan' option is highlighted.

The main area has tabs at the top: Tests, Edit, View, Favorites, Analysis. Below the tabs, there is a toolbar with icons for creating new items like Test Case, Test Plan, Test Suite, and Test Plan Item.

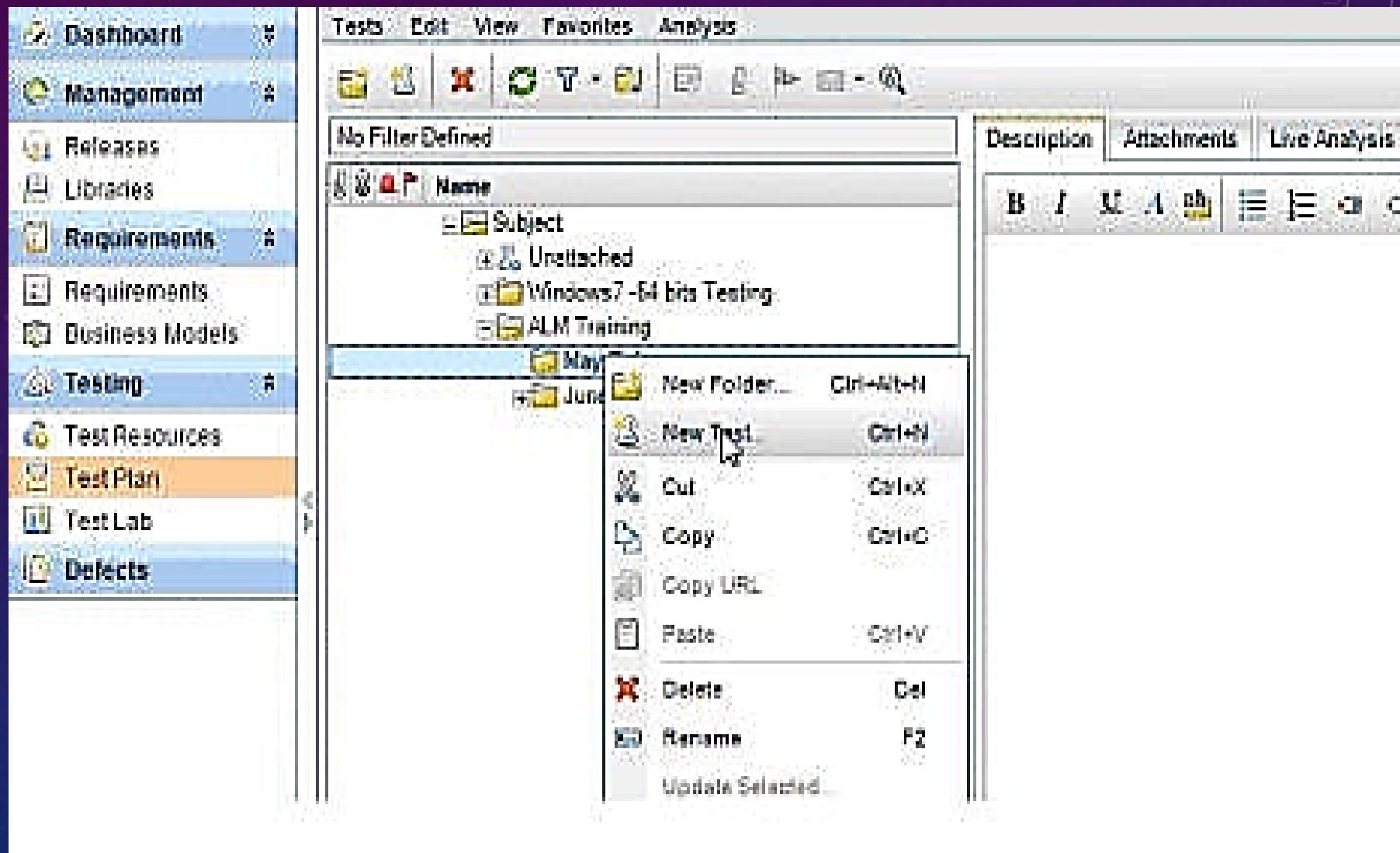
A search bar displays "No Filter Defined".

The main content area lists test items under the "Subject" folder:

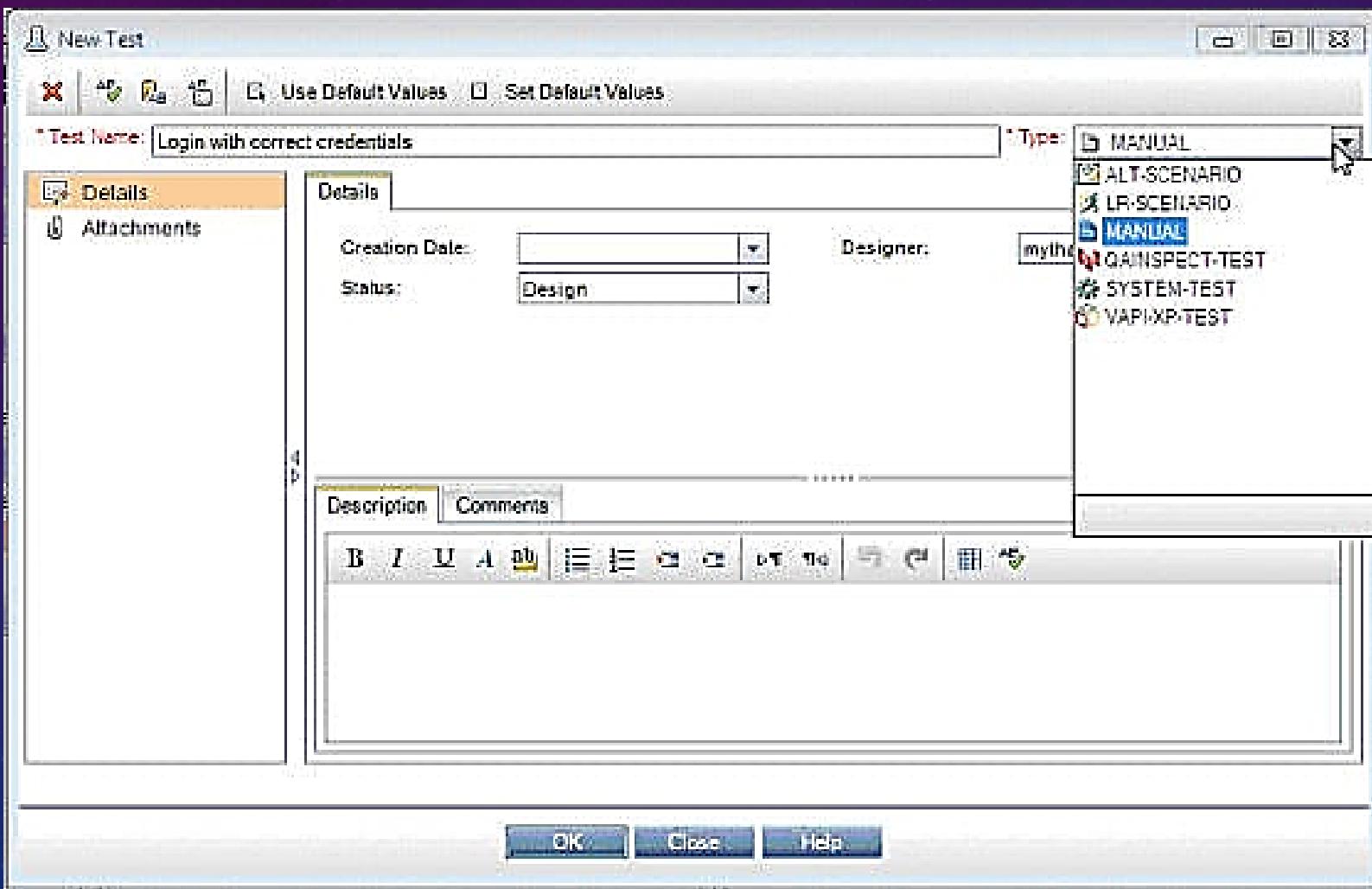
- Subject
- Unattached
- Windows 7 -64 bits Testing
- ALM Training
- May_Release
- June_Release

On the right side, there are three tabs: Description, Attachments, and Live Analysis. The "Description" tab is selected.

Step No. 3 → Right click on folder “May_Release” and choose option “New Test” → Click on “New Test”



Step No. 4 → Enter “* Test Name” as “Amazon_Login_Valid Username_Valid Password” → Select “* Type” as “Manual” → choose “Fill details like “Creation Date” and Choose “Status” as “Design” and select “Designer name” → Fill Description → Click on OK



Step No. 5 → Select the particular test → Click on that “ Test”

The screenshot shows a software application interface for managing requirements and tests. The left sidebar contains a navigation menu with the following items:

- Dashboard
- Management
- Releases
- Libraries
- Requirements (selected)
- Requirements
- Business Models
- Testing
- Test Resources
- Test Plan (selected)
- Test Lab
- Defects

The main workspace has a title bar "Tests Edit View Favorites Analysis". Below the title bar is a toolbar with various icons. A message "No Filter Defined" is displayed above a tree view of releases. The tree view shows the following structure:

- Name
 - Subject
 - Unattached
 - Windows 7 -64 bit Testing
 - ALM Training
 - May Release
 - Login with correct credentials
 - June Release

To the right of the tree view is a detailed view of the selected test plan "Login with correct credentials". The detailed view includes tabs for Details, Design Steps, Parameters, Test Configurations, Attachments, and Req Con. The Details tab displays the following information:

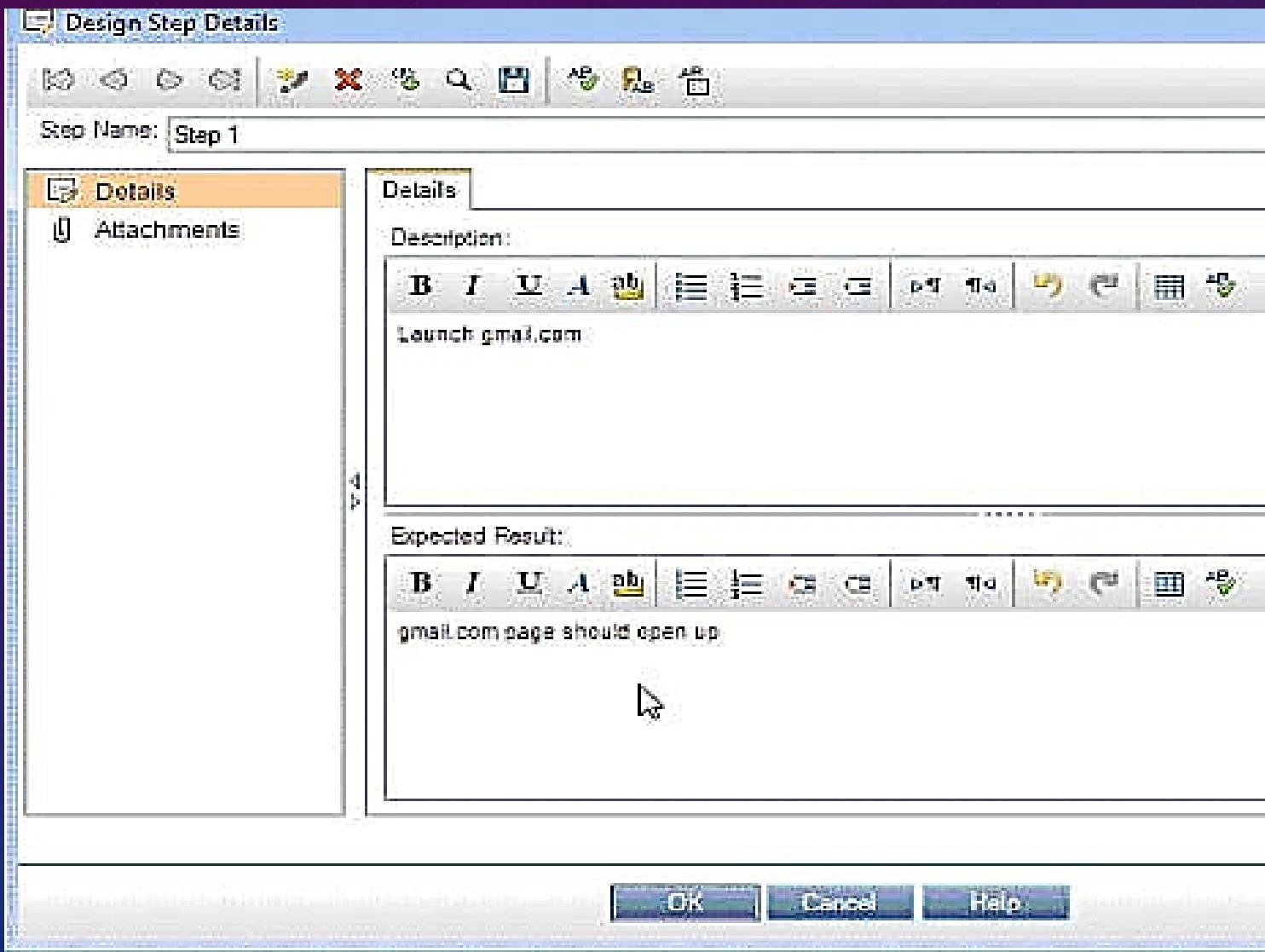
Test Name	Login with correct credentials	Type	MANUAL
Creation...	8/3/2013	Designer	aythali_sunaria
Status	Design	Test ID	106

Below the details tab is a rich text editor with a toolbar containing buttons for bold, italic, underline, etc.

Step No. 6 → Select option “ Design Steps” on right side → Choose the option as “ New Step” → Click on “New Step”

The screenshot shows a software application window with a toolbar at the top and a navigation menu. The left sidebar contains a tree view of project components: Dashboard, Management, Releases, Libraries, Requirements (selected), Requirements, Business Models, Testing (selected), Test Resources, Test Plan (highlighted in orange), Test Lab, and Defects. The main area has tabs for Test, Edit, View, Favorites, and Analysis. Below the tabs is a toolbar with icons for search, filter, and other functions. A message "No Filter Defined" is displayed. The central part of the screen shows a list of items under "Subject": Unchecked, Windows7 64 bits Testing, ALM Training, May Release, Login with correct credentials, and June Release. On the right, there is a "Design Steps" tab selected, showing a table with columns for "New Step (Alt+N)", "Description", and "Expected Result". The first row in the table is labeled "New Step (Alt+N)".

Step No. 7 → Enter Step Name as “ Step 1 ” → Enter Description as “ Launch the browser and enter url www.amazon.com ” → Enter Expected result as “ Amazon application should launch successfully ” → Click on OK



Step No. 8 → Repeat the procedure from “ New Step” to create multiple steps for “Test Case”

Application Lifecycle Management

Domain: SHARED SERVICES, Project: Windows7Testing, User: mythil.sandara, Logout

Tests Edit View Favorites Analysis

No Filter Defined

Dashboard Management Releases Libraries Requirements Requirements Business Models Testing Test Resources Test Plan TestLab Defects

Name: Subject
Unattached
Windows7 -64 bits Testing
ALM Training
May Release
Login with correct credentials
June Release

Details Design Steps Parameters Test Configurations Attachments Req C...

Step Name	Description	Expected Result
Step 1	Launch gmail.com	gmail.com page should open up
Step 2	Enter user name	user name is entered
Step 3	Enter Password	the password is entered
Step 4	Click on Sign in	the user is logged into gmail.com and inbox displayed

Total Steps: 4 Server Time: 6/3/2013 6:55 PM

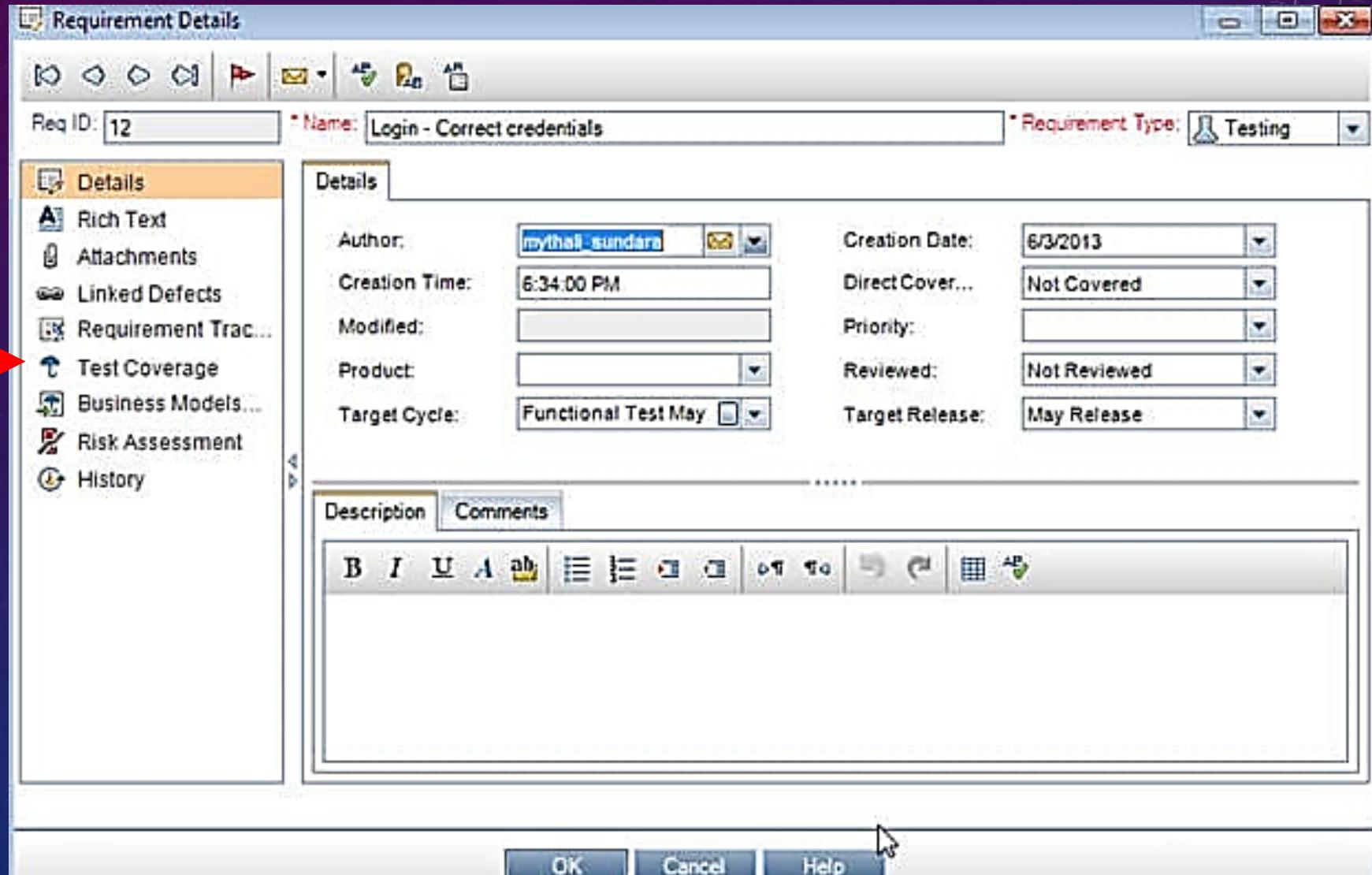
The screenshot shows the Application Lifecycle Management (ALM) interface. On the left, there's a navigation menu with options like Dashboard, Management, Releases, Libraries, Requirements, Business Models, Testing, Test Resources, Test Plan, TestLab, and Defects. The 'Testing' section is expanded, and 'Test Plan' is selected. In the center, there's a 'Tests' tab with a toolbar above it. Below the toolbar, there's a tree view under 'Name' with nodes like 'Subject', 'Unattached', 'Windows7 -64 bits Testing', 'ALM Training', 'May Release', 'Login with correct credentials', and 'June Release'. To the right of the tree view, there are tabs for 'Details', 'Design Steps' (which is currently selected), 'Parameters', 'Test Configurations', 'Attachments', and 'Req C...'. Under 'Design Steps', there's a table with four rows, each representing a step in the test case. The steps are: Step 1 (Description: Launch gmail.com, Expected Result: gmail.com page should open up), Step 2 (Description: Enter user name, Expected Result: user name is entered), Step 3 (Description: Enter Password, Expected Result: the password is entered), and Step 4 (Description: Click on Sign in, Expected Result: the user is logged into gmail.com and inbox displayed). At the bottom of the screen, there are status bars for 'Total Steps: 4' and 'Server Time: 6/3/2013 6:55 PM'.

HOW TO PREPARE TRACEABILITY MATRIX

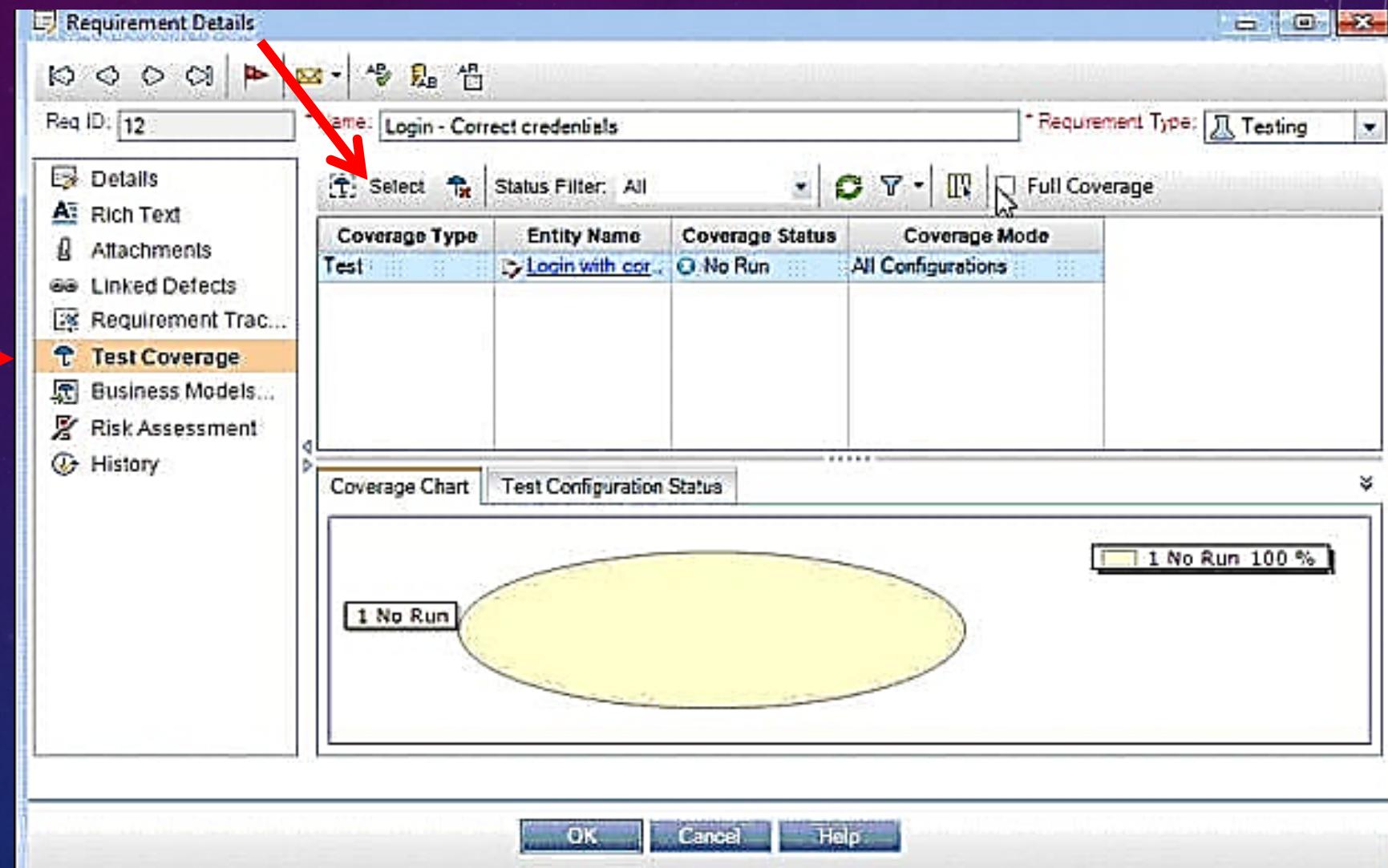
Step No. 1 → Select the requirement “ Login_Correct Credentials” → Double click on requirement “ Login_Correct credentials”

Requirements				
	Name	Direct Cover Status	Author	Req ID
...	Requirements	---		0
+	Windows7-64bitTesting	---	tana_ghosh	1
...	ALM Training	---	mythali_sundara	3
...	May Release	---	mythali_sundara	9
...	Login - Correct cre...	Not Covered	mythali_sundara	12
...	June Release	---	mythali_sundara	11

Step No. 2 → Select option on left Side “Test Coverage” → Click on “Test Coverage” option



Step No. 3 → Choose “Select” option → Click on “Select” option



Step No. 4 → On right side Test plan tree will be opened → For login requirement Select test case which have been written → Select all test cases

The screenshot shows the ALM Test Plan interface. The left sidebar navigation includes: Dashboard, Management, Releases, Libraries, Requirements, Requirements, Business Models, Testing, Test Resources, Test Plan, Test Lab (selected), and Defects. The main area has tabs for Test Sets and Test Runs, with Test Sets selected. The Test Sets view shows a tree structure under 'No Filter Defined' with nodes like Root, Unattached, Windows7 - 64 bit testing, ALM Training, May Release, Smoke Test, Sanity Test, Functional Test, and June Release. To the right, there are two panes: 'Test Plan Tree' and 'Requirements Tree'. The 'Test Plan Tree' pane shows a tree with Subject, Unattached, ALM Training, June Release, May Release, and Windows7 - 64 bits Testing. The 'Requirements Tree' pane shows a detailed view of the ALM Training node, listing requirements such as 'Login - Correct username and income', 'Login - Incorrect username and correct password', 'Login - Incorrect user name and income', 'Login with correct credentials', 'Login with correct details and stay signed in', and 'Windows7 - 64 bits Testing'. A yellow box highlights the 'Windows7 - 64 bits Testing' requirement in the Requirements Tree.

Step No. 5 → Click on arrow Blue in color and pull test cases → Test cases appear in Select test column
→ Repeat the procedure for next requirements

The screenshot shows the ALM Test Plan interface. On the left, the navigation pane includes options like Dashboard, Management, Releases, Libraries, Requirements, Requirements, Business Models, Testing, Test Resources, Test Plan, Test Lab (which is selected), and Defects. The main area has tabs for Test Sets and Test Runs, and a toolbar with various icons. The central part displays two tree structures: the Test Plan Tree on the left and the Requirements Tree on the right. A red arrow points from the Requirements Tree towards the Test Plan Tree, indicating the action of pulling test cases. The Requirements Tree shows a hierarchy under 'Subject' with items like 'Unattached', 'ALM Training', 'Windows7 - 64 bit Testing', 'May Release', 'Smoke Test', 'Sanity Test', 'Functional Test', and 'June Release'. The Test Plan Tree shows a table with columns 'Name' and 'Test: Test No.' containing entries such as 'Login with corr...' and 'Login with o...'. The bottom of the interface features a progress bar.

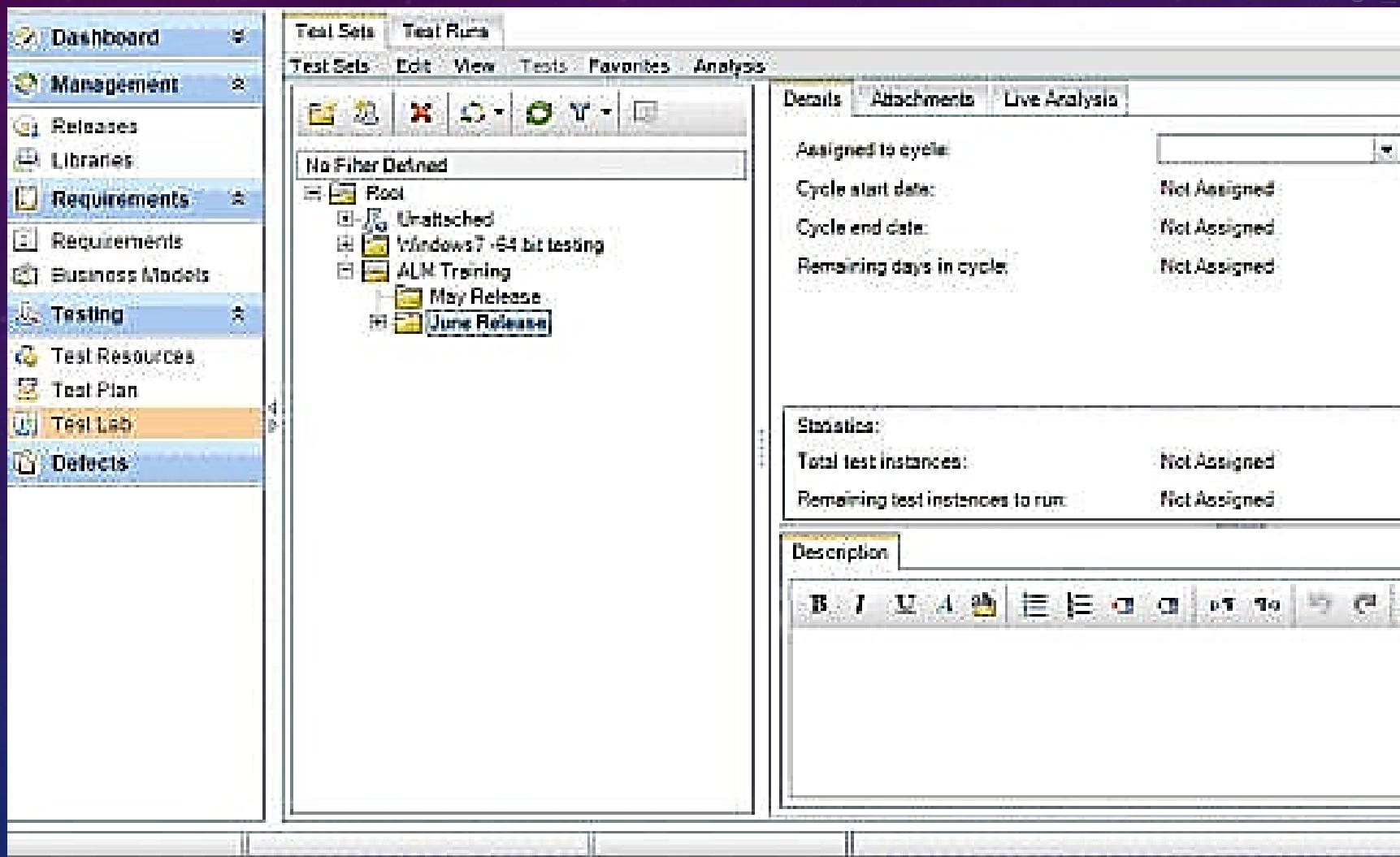
HOW TO EXECUTE TEST CASES IN TEST LAB

Step No. 1 → Click on “Testing” → Select “Test Lab” → Click on “Test Lab”

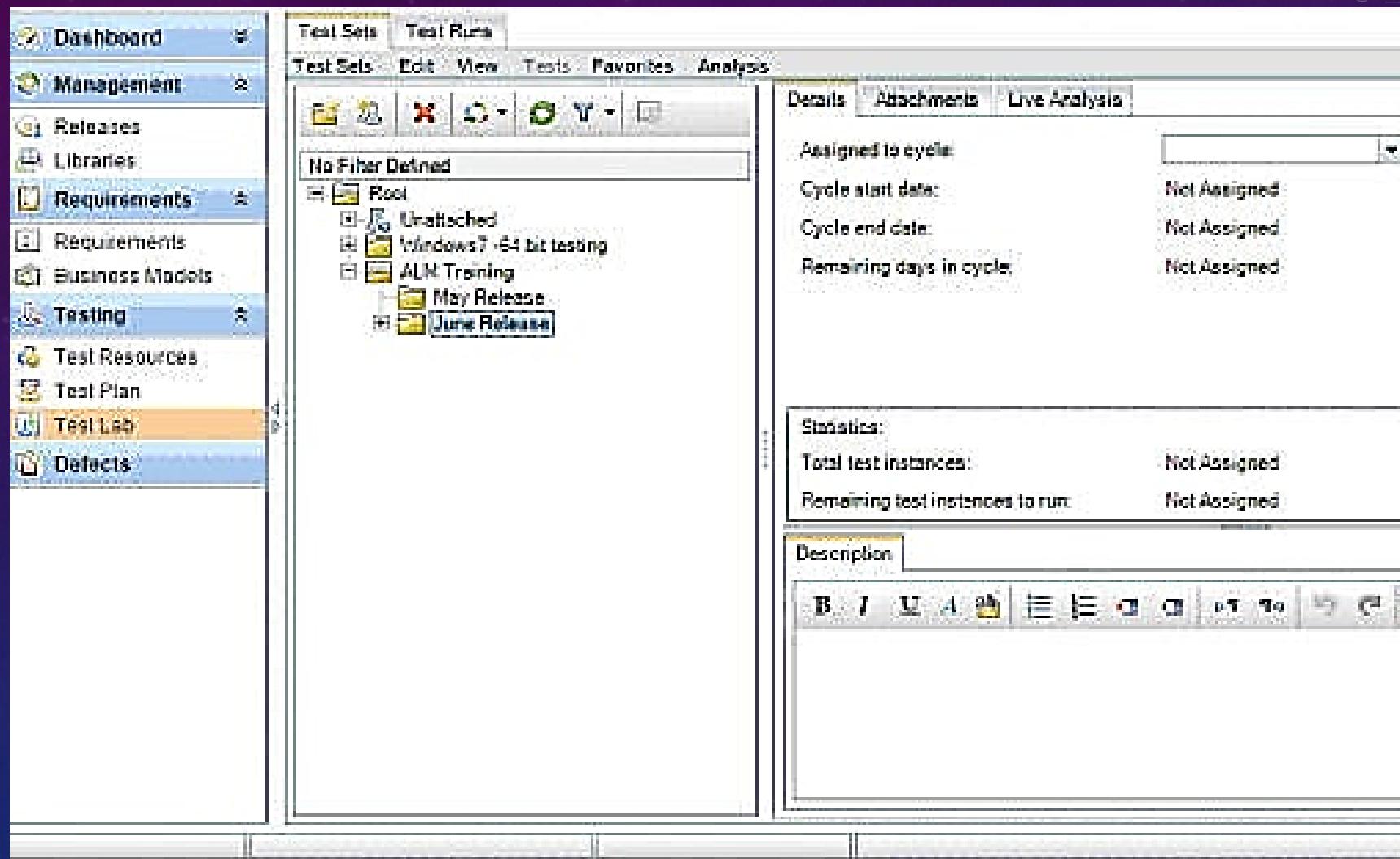
The screenshot shows the ALM application interface with the following details:

- Left Navigation Bar:** Includes links for Dashboard, Management, Releases, Libraries, Requirements, Requirements, Business Models, Testing, Test Resources, Test Plan, **Test Lab** (which is highlighted in orange), and Defects.
- Main View (Test Sets):** Shows a tree view under "No Filter Defined". The tree structure includes:
 - Root
 - Unscheduled
 - Windows7 -64 bit testing
 - ALM Training
 - May Release
 - June Release
- Details View:** Displays the following information:
 - Assigned to cycle: Not Assigned
 - Cycle start date: Not Assigned
 - Cycle end date: Not Assigned
 - Remaining days in cycle: Not Assigned
 - Statistics:
 - Total test instances: Not Assigned
 - Remaining test instances to run: Not Assigned
- Description:** A rich text editor window with a toolbar containing buttons for bold, italic, underline, align, and other text formats.

Step No. 2 → Right click on folder “Root” → Create “New Folder” and name it as “Amazon”



Step No. 3 → Right click on folder “Amazon” → Create “New Folder” and name it as “May_Release”



Step No. 4 → Right click on “May_Release” and choose option “ New Test Set”

The screenshot shows a software application window with a sidebar and three main panels. The sidebar on the left lists categories like Dashboard, Management, Requirements, Testing, Test Resources, Test Plan, Test Lab (which is selected and highlighted in orange), and Defects. The main area has tabs for Test Sets and Test Runs, with Test Sets selected. The Test Sets panel shows a tree view with Root, Unattached, Windows7 -64 bit testing, ALM Training, May Release (which is currently selected and highlighted in yellow), and June Release. The right panel is titled 'Details' and contains sections for Assigned to cycle, Cycle start date, Cycle end date, Remaining days in cycle, Statistics, Total test instances, and Remaining test instances to run. A large yellow arrow points from the text above to the 'May Release' node in the tree view.

Test Sets Test Runs

Test Sets Edit View Tests Favorites Analysis

New Test Set (Alt+N)

No Filter

Root

- Unattached
- Windows7 -64 bit testing
- ALM Training
 - May Release
 - June Release

Assigned to cycle:

Cycle start date: Not Assigned

Cycle end date: Not Assigned

Remaining days in cycle: Not Assigned

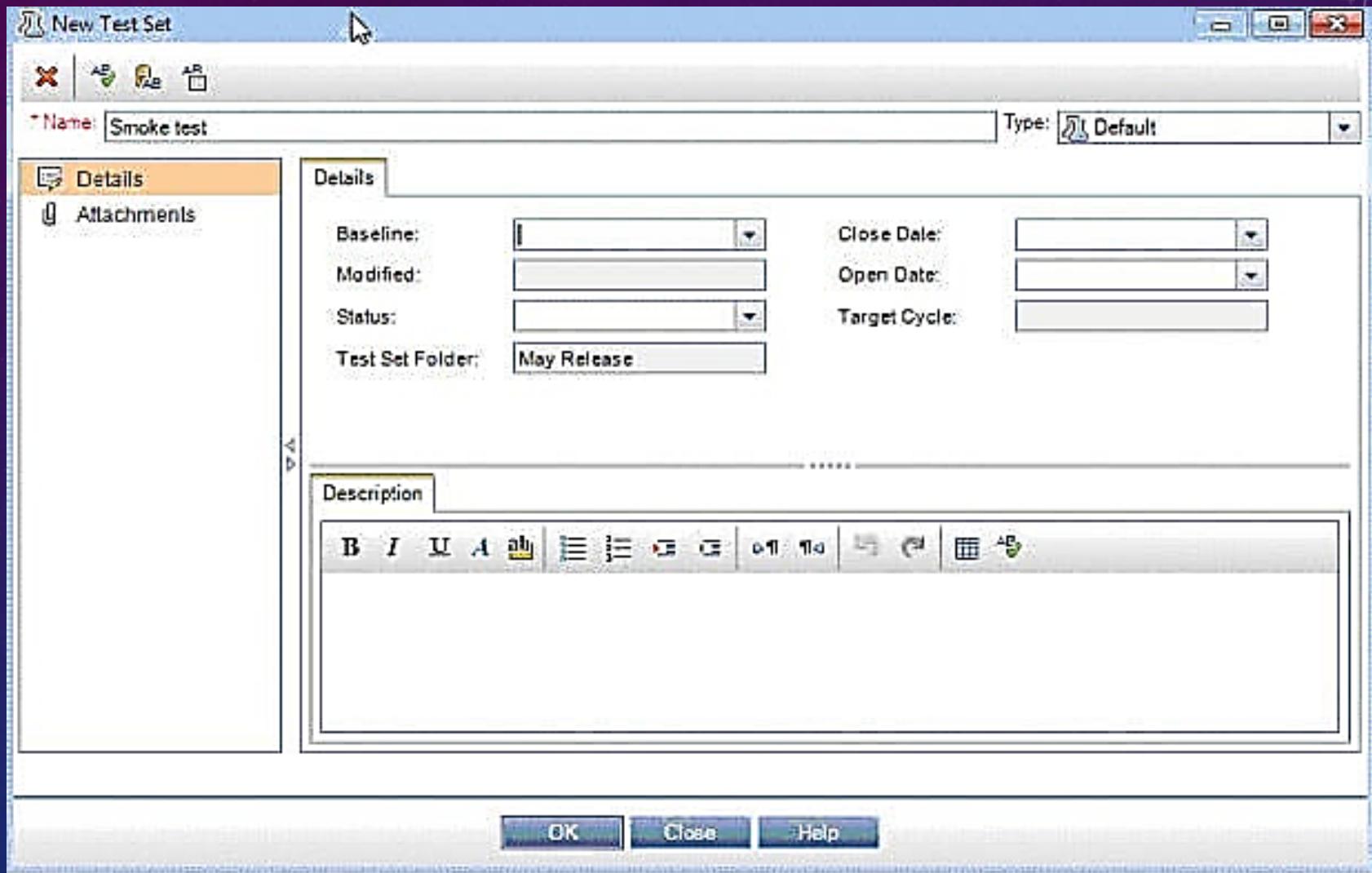
Statistics:

Total test instances: Not Assigned

Remaining test instances to run: Not Assigned

Description

Step No. 5 → Enter “* Name” to suite as “Sanity test suite” → click on OK



Step No. 6 → Select “Sanity Test” and click on it → Click on “Select Tests” and test plan tree will be opened

The screenshot shows a software application window with a sidebar and a main content area.

Left Sidebar:

- Dashboard
- Management
- Releases
- Libraries
- Requirements
- Requirements
- Business Models
- Testing
- Test Resources
- Test Plan
- Test Lab
- Defects

Main Content Area:

The main area has tabs: Test Sets and Test Runs. The Test Sets tab is selected.

Toolbar buttons include: New, Open, Save, Print, Run, Run Test Set, Select, Copy, Paste, Cut, Delete, Find, and Refresh.

Submenu options: Test Sets, Edit, View, Tools, Favorites, Analysis.

Table Headers (under Select Tests tab): Name, Test Test Name, Type, Status, Iterations.

Table Data (under Select Tests tab):

Name	Test Test Name	Type	Status	Iterations

Test Plan Tree (under Select Tests tab):

- Root
 - Unattached
 - Windows7 -64 bit testing
 - ALM Training
 - May Release
 - Smoke test
 - Sanity Test
 - Functional test
 - June Release

Step No. 7 → Choose the test cases for “Sanity Suite” → Click on arrow to pull the test cases → close

The screenshot shows the ALM Test Plan interface. On the left, the navigation pane includes options like Dashboard, Management, Requirements, Requirements, Business Models, Testing, Test Resources, Test Plan, Test Lab, and Defects. The Requirements option is currently selected. The main area has tabs for Test Sets and Test Runs, with Test Sets being the active tab. The Test Sets pane displays a tree view under 'No Filter Defined' with nodes such as Root, Unattached, Windows7 64 bit testing, ALM Training, May Release, Smoke test, Sanity Test, Functional test, and June Release. The Requirements Tree pane on the right shows a tree structure with nodes like Subject, Unattached, ALM Training, June Release, May Release, and several specific test cases under Windows7 64 bits Testing, including 'Login - Correct username and incorre...', 'Login - Incorrect username and correct...', 'Login incorrect user name and incorre...', 'Login with correct credentials', 'Login with correct details and stay sig...', and 'Windows7 64 bits Testing'.

Step No. 8 → There is column named “ Status” as “ No run ” by default → Execute test case and change status from “No run” to Passed , Failed, Not completed or Not Applicable

The screenshot shows a software application interface for managing test cases. On the left, there is a navigation sidebar with categories like Dashboards, Management, Requirements, Testing, Test Runners, Test Plan, TestLab (which is selected), and Defects. Below this is a tree view under 'TestLab' showing 'Root' with branches for 'Unattached', 'ALM Training', 'June Release', 'May Release' (which has sub-folders 'Functional test', 'Sunny Test', and 'Smoke Test'), and 'Windows7 64 bit testing'. The main area contains a grid titled 'Execution Grid' with columns: Name, Test/Test Name, Type, Status, Iterations, Planned Host, and Response. Two rows are visible: one for 'Login with cor...' which is 'Passed', and another for 'Login incorrect...' which is 'Failed'. At the bottom, a 'Last Run Report' table shows a single entry for 'Step 1' with a status of 'Failed'.

Step Name	Status	Exec Date	Exec	Steps Details
Step 1	Failed	02/08/2014	Run	Description: Exception: Actual:

HOW TO LOG DEFECT

Step No. 1 → Click on Component “Defects” on left side

Application Lifecycle Management

Domain: TOURSIM, Project: Mercury_tours User: pavan

Test Sets Edit View Tests Favorites Analysis

No Filter Defined

- Root
 - Unattached
 - Release1
 - Cycle1
 - Smoke Testing
 - Cycle2
 - Cycle3

Details Execution Grid Execution Flow Attachments Automation Linked Defects History

Name	Type	Status	Planned Host...	Test: Test Name	Responsible...	Exec Date
[1]American Express	MANUAL	✗ Failed		Book Flight ticket	pavan	5/30/2017
[1]MasterCard	MANUAL	✓ Passed		Book Flight ticket	pavan	5/30/2017
[1]Visa	MANUAL	✗ Failed		Book Flight ticket	pavan	5/30/2017
[1]Loan	MANUAL	✗ Failed		Login	pavan	5/30/2017

Last Run Report

Step Name	Status	Exec Date	Steps Details
Step 1 : Login	✓ Passed	5/30/2017	Descriptions: 1. Enter URL 2. Enter Username <rta> 3. Enter Password <rta>
Step 2: Select a Flight destination	✓ Passed	5/30/2017	1
Step 3: Enter Departure and return fig	✓ Passed	5/30/2017	1
Step 4: Enter Passenger Details	✓ Passed	5/30/2017	1
Step 5: Enter credit card details.	✓ Passed	5/30/2017	1
Step 6: Enter addresses	✓ Passed	5/30/2017	Expected: 1. Webpage should be displayed 2. <rta> should be displayed 3. Password should be masked.
Step 7: Complete the purchase	✓ Passed	5/30/2017	1
Step 8: Log out	✓ Passed	5/30/2017	1

Help ?

Step No. 2 → On right side choose option “ New Defect” → Click on it

Application Lifecycle Management

Domain: TOURSIM, Project: Mercury_tours User: pavan

Defects Edit View Favorites Analysis

New Defect... X O Y | B | P | A | C | S | Q | M | L | ? | Pinned Items

No Fi New Defect (Alt+N)

Actual Fix Time	Assigned To	Caused By...	Closed In Build	Closed in...	Closing Date	Comments	Defect ID	Description	Detected By	Detected In
							1	Demo Defect	pavan	
							2	Login Defect	pavan	
							3	Logout	pavan	

Description Attachments • Linked Entries Development Activity History

Summary: Demo Defect

Description:

B I U A ab | E a a | D F | C | S | Q | M | L | ? | Pinned Items

Comments:

B I U A ab | E a a | D F | C | S | Q | M | L | ? | Pinned Items

Demo Defect

Help ?

Step No. 3 → Fill the details in Template “ * Summary” as “Amazon_SIT_Login_Not able to login to Amazon with valid username and password ” → Click on “ Submit” Button

New Defect

■ Summary: |

Details **Attachments**

Details

■ Detected By: pavan ■ Detected on Date: 5/30/2017
■ Severity: 5-Urgent Actual Fix Time:
Assigned To: Caused By Code Change:
Close In Build: Closed in Version:
Closed In Build: Detected In Build:
Closing Date: Detected in Release:
Detected in Cycle: Detected on Environment:
Detected in Version: Has Changeset Linkage:
Estimated Fix Time: Planned Closing Version:
Modified:

Description:

B I U A |

Submit **Close** **Help**

TEMPLATE/ COMPONENTS OF DEFECTS

1. Summary ---- One line detail about Defect
2. Type of Defect
3. Detected on Date
4. Detected in Release
5. Detected in Cycle
6. Priority
7. Severity
8. Detected by--- Tester Name
9. Assigned to---- Developer Name
10. Status --- Open, Fixed, Rejected, Deferred, Reopen, Closed
11. Target Release
12. Target Cycle
13. Description

HOW TO LINK DEFECTS WITH FAILED TEST CASES

Step No. 1 → Click on subcomponent “Test Lab” → List of all executed test cases will be displayed

Activate Windows
Go to System in Control Panel to activate Windows.

Step No. 2 → Click on subcomponent “Test Lab”

Application Lifecycle Management

Domain: FINANCE, Project: , User: c , Pinned I

Test R Ed Vie Analy

Dashboard Management Requirements Testing Defects

Test Re... Business C... Tes... Test Te...

Sort By: Exec Date(Descending) / Exec Time(Descending)

Run ID	Run Name	Test...	Configur...	Status	State	Duration	Exec Date	Exec Time	Host	Tester	Test...	Test...	Draft Run
41	b Run_9-3...	Generate...	Generate...	Failed		29	9/3/2015	11:11:23 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
40	b Run_9-3...	Generate...	Generate...	Passed		8	9/3/2015	11:10:53 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
39	b Fast_Ru...	Generate...	Generate...	No Run		0	9/3/2015	11:10:44 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
37	b Run_9-3...	Generate...	Generate...	Not Co...		14	9/3/2015	11:10:31 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
35	b Run_9-3...	Generate...	Generate...	Passed		37	9/3/2015	11:09:00 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
34	b Fast_Ru...	Generate...	Generate...	No Run		0	9/3/2015	11:08:22 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
32	b Run_9-3...	Generate...	Generate...	Passed		76	9/3/2015	11:07:40 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
31	b Fast_Ru...	Generate...	Generate...	No Run		0	9/3/2015	11:06:23 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
29	b Run_9-3...	Generate...	Generate...	Passed		220	9/3/2015	11:05:46 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
28	b Run_9-3...	Generate...	Generate...	Not Co...		54	9/3/2015	11:01:50 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
27	b Fast_Ru...	Generate...	Generate...	No Run		0	9/3/2015	11:00:54 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
26	b Run_9-3...	Generate...	Generate...	Not Co...		45	9/3/2015	11:00:47 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N
24	b Run_9-3...	Generate...	Generate...			0	9/3/2015	10:59:28 P...	WIN-B2D5...	chris	Manage D...	[1]Generat...	N

Comm... Rep... Attachm... Hist... Test Descr...

Add Comment

B I U A ab | E | S | C | P | T | Q | R | F | G | H | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |

Activate Windows
Go to System in Control Panel to activate Windows.

Step No. 3 → Click on “Sanity Test Set” under ‘May_Release’ in Test Lab → On Right side there is failed Test case

Application Lifecycle Management

Domain: FINANCE, Project: May_Release, User: chris, Logout

Pinned |

No Filter Defined

- Root
 - Unattached
- 2018 R - Cycl
 - Login
 - Manage Daily Re
 - User Registrat

Test S Ed Vie Test Favori Analy

Select T Ru Run Test | X Y | Data Execution... Execution... Autom... Attachm... Linked Do... Hist...

Sort By: Name(Ascending)

	Name	Test: Test Name	Type	Status	Iterations	Planned...	Respo
[!]	Helpdesk	Invalid Email Test	MANUAL	No Run			chris
[!]	Helpdesk	Login Test	MANUAL	No Run			chris
[!]	Manager	Invalid Email Test	MANUAL	No Run			chris
[!]	Manager	Login Test	MANUAL	Failed			chris
[!]	VIP	Invalid Email Test	MANUAL	No Run			chris
[!]	VIP	Login Test	MANUAL	No Run			chris

Last Run R...

No results found.

Steps Details

Activate Windows
Go to System in Control Panel to activate Windows.

The screenshot shows the HP Application Lifecycle Management (ALM) interface. The left sidebar has a navigation menu with 'Testing' selected, which includes 'Test Re...', 'Business C...', 'Tes...', 'Tes...', and 'Defects'. Under 'Testing', there's a tree view for '2018 R - Cycl' showing 'Login', 'Manage Daily Re', and 'User Registrat'. The main content area displays a table of test cases. The table has columns for Name, Test: Test Name, Type, Status, Iterations, Planned..., and Respo. There are six rows of data. The fifth row, 'Manager' with 'Login Test', has a red circle next to it, indicating failure. The status column shows 'No Run' for most cases except the failed one. The 'Respo' column contains 'chris' for all entries. At the bottom, a message says 'Last Run R...' and 'No results found.' A 'Steps Details' link is also present. The top right shows the domain 'FINANCE', project 'May_Release', user 'chris', and a 'Logout' button. A pinned indicator is visible on the right.

Step No. 4 → Click on “Defects” component → Defect logged list will be displayed

Application Lifecycle Management

Domain: FINANCE, Project: User: c Pinned

Defe Ed Vie Favori Analy

New Def X Y | M | P | + | E | Q | G | L

No Filter Defined

Actual... Assigned... Closed... Closing... Comments DefectID Description Detected... Detected... Detected... Detected... Detected... Detected... Estimate...

0	developer	1	Login pag..	chris	9/4/2015

Test Re... Business C... Tes... Tes... Test...

Defects

Activate Windows
Go to System in Control Panel to activate Windows.

Help

Descrip... Attachm... Linked En... Hist...
Defe... Other...
Sort By: Defect: Summary(Ascending)
Defect... Linked... Link...

Step No. 5 → Click on “Defect ID”

Application Lifecycle Management

Domain: FINANCE, Project: User: c | Load

Pinned |

Defe Ed Vie Favori Analy

New Def | X | C | Y | M | P | + | E | A | S | Q | D | B |

No Filter Defined

Actual...	Assigned...	Closed...	Closing...	Comments	Defect ID	Description...	Detected...	Detected...	Detected...	Detected...	Detected...	Estimate...
developer					0	Login pag...	chris					9/4/2015

Descript... Attachm... Linked En... Hist...
Defo Other...
F | D | C | Y | M | P | + | E | A | S | Q | D | B |

Sort By: Defect- Summary[Ascending]

Defect... Linked... Link...

Activate Windows
Go to System in Control Panel to activate Windows.

Step No. 6 → Defect details page will be displayed → Click on “ Linked Defects”

The screenshot shows the HP Application Lifecycle Management (ALM) interface. A central dialog box titled "Defect Details" is open, displaying a defect with ID 1. The defect summary is: "Login page is accepting invalid email address". The dialog contains several tabs: "Data...", "Attached...", "Linked...", and "History...". The "Linked..." tab is currently selected. The defect details include fields for: Detected By (chris), Detected On (9/4/2015), Severity (4 - Very High), Assigned To (developer), Closed In (dropdown menu), Detected In (dropdown menu), Detected In (dropdown menu), Estimated (dropdown menu), Planned CI (dropdown menu), and Project (dropdown menu). Below these fields is a "Description" section containing the summary text and a "Comments" section with an "Add Comment" button. At the bottom of the dialog are "OK", "Cancel", and "Help" buttons. The background shows a main dashboard with sections for Requirements, Testing, and Defects. The top right corner of the screen displays a message: "Activate Windows Go to System in Control Panel to activate Windows.".

Step No. 7 → On the “Others” tab Click on “Link from” option

HP Application Lifecycle Management

Defect Details

Domain: FINANCE, Project: User: c | Logout

Pinned I

Defect ID: 1 Summary: Login page is accepting invalid email address

Defects Other Attached... Linked... History... OK Cancel Help

Link From	Condition	Link...	Link ID	Link Type	Linked...

Detected... Detected... Detected... Estimate...

9/4/2015

Activate Windows
Go to System in Control Panel to activate Windows.

Defects | Others | Description | Attachments | Linked Entries | History | OK | Cancel | Help

Sort By: Defect Summary [Ascending]

Defect... | Linked... | Link...

Step No. 8 → From the “Link from” option Click on “Select Requirements” from list

The screenshot shows the HP Application Lifecycle Management (ALM) interface. On the left, the navigation bar includes links for Dashboard, Management, Requirements, Testing, and Defects. The Requirements section is currently selected. In the center, a 'Defect Details' dialog box is open, showing a defect with ID 1 and summary 'Login page is accepting invalid email address'. The 'Linked...' tab is selected in the dialog's tabs. A sub-menu is open under 'Linked...', showing options like 'By ID...', 'Select...', 'Creation...', 'Link...', 'Link ID', 'Link Type', and 'Linked...'. The 'Select...' option is highlighted with a mouse cursor. The background of the application shows a project domain of 'FINANCE' and a user 'c'. At the bottom right of the screen, there is a watermark that says 'Activate Windows' and 'Go to System in Control Panel to activate Windows.'

Step No. 9 → Under the “Select Requirements” choose requirement for which we have to Link defect → Click on OK

The screenshot shows the HP Application Lifecycle Management interface. A 'Select Requirements' dialog box is open in the center. The dialog has a tree view on the left with categories: Requirement, 2018 R1, Functional, Client Requirement - Log, and Non Functional. The 'Client Requirement - Log' node is selected. At the bottom of the dialog are buttons for OK, Cancel, Clear, and Help. The background shows a 'Defect Details' window with a defect ID of 1 and a summary: 'Login page is accepting invalid email address'. The defect status is 'Actual...' and it is assigned to 'developer'. The defect creation date is 9/4/2015. The overall interface is light blue and white.

Activate Windows

Go to System in Control Panel to activate
Windows.

Step No. 10 → List of defect which is linked will be displayed → Click on OK

Application Lifecycle Management

Domain: FINANCE, Project: c, User: c, Logout

Pinned I

Defect Details

Defect ID: 1 - Summary: Login page is accepting invalid email address

Defects Olhe...
Actual... Assigned...
0 developer

Detected... Detected... Detected... Estimate...

9/4/2015

Created... Creation... Link... Link ID Link Type Linked.
chris 9/4/2015 1 Failed

OK Cancel Help

Activate Windows
Go to System in Control Panel to activate Windows.

Defects Other...
Description Attachments Linked Environ...
Defects Other...

Sort By: Defect: Summary(Ascending)

Defect... Linked... Link...

Aishwarya Shinde & Suraj Jadhav

Step No. 11 → For that Particular Requirement Defect will be Linked

Application Lifecycle Management

Domain: FINANCE, Project: c | User: c | Pinned |

Requirements Ed Vie Favori Analy

No Filter Defined

	Name	Req ID	Direct Cover Status	Author
-	Requirements	0	---	
-	2018 R1	6	---	chris
-	Functional	7	---	chris
08	Client Requirement - Login Page	10	Failed	chris
-	Non Functional	8	---	chris

Descrip... Comm... *Rich T... *Attachm... Hist... |

B I U A

1. Develop UI for logging into the application with username and password fields.
2. Have submit and reset button.

Activate Windows
Go to System in Control Panel to activate Windows.

HOW TO CHANGE STATUS OF DEFECT

Step No. 1 → Click on “Defects” Components → Under “Defect ID” column Click on Defect ID number “1”

Application Lifecycle Management

Domain: FINANCE, Project: User: c | Pinned |

No Filter Defined

Actual...	Assigned...	Closed...	Closing...	Comments	Defect ID	Description...	Detected...	Detected...	Detected...	Detected...	Detected...	Estimate...
	developer				1	Login pag...	chris					9/4/2015

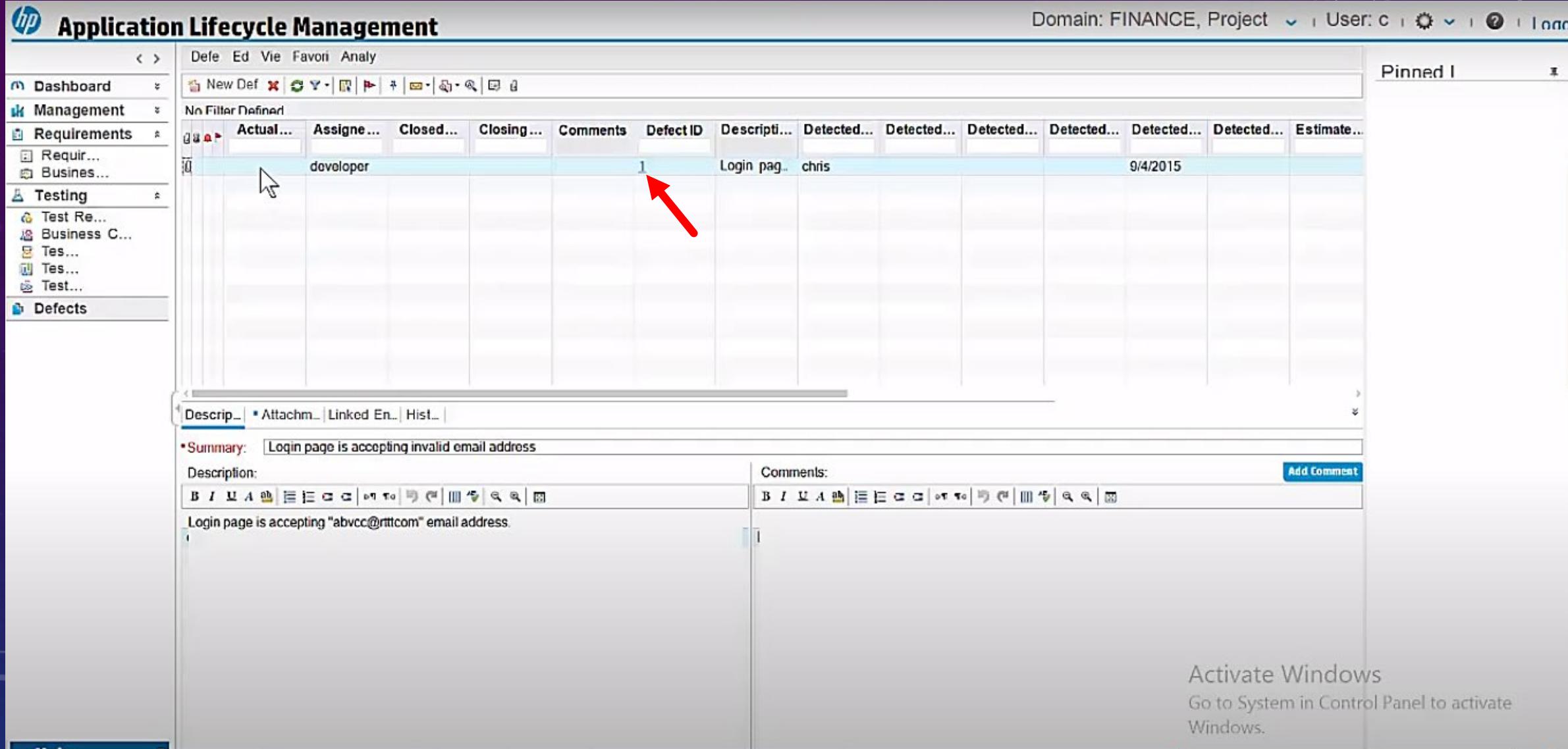
Descrip... | Attachm... | Linked En... | Hist... |

*Summary: Login page is accepting invalid email address

Description:
Login page is accepting "abvcc@rttcom" email address.

Comments:
[Add Comment](#)

Activate Windows
Go to System in Control Panel to activate Windows.



A screenshot of the HP Application Lifecycle Management (ALM) tool interface. The main window shows a defect list grid with columns: Actual..., Assigned..., Closed..., Closing..., Comments, Defect ID, Description..., Detected..., Detected..., Detected..., Detected..., Detected..., Estimate... . A single row is selected, highlighted in light blue, corresponding to the defect ID 1. A red arrow points to the value '1' in the Defect ID column. Below the grid, a detailed view of defect ID 1 is displayed. It includes tabs for Description, Attachments, Linked Items, and History. The Summary section states: 'Login page is accepting invalid email address'. The Description field contains the text: 'Login page is accepting "abvcc@rttcom" email address.' The Comments section has a button labeled 'Add Comment'. In the bottom right corner of the application window, there is a watermark or message: 'Activate Windows Go to System in Control Panel to activate Windows.' The top navigation bar includes the HP logo, the title 'Application Lifecycle Management', and user information like 'Domain: FINANCE, Project: User: c'. A pinned status is also indicated. The left sidebar contains links for Dashboard, Management, Requirements, Test Re..., Business C..., Tes..., Tes..., Test..., and Defects.

Step No. 2 → Defect details window will be Displayed → under that on “Status option” change status of defect as Open or Closed → Click on OK

The screenshot shows the HP Application Lifecycle Management (ALM) interface. On the left, there is a navigation sidebar with options like Dashboard, Management, Requirements, Test Re..., Business C..., Tes..., Tes..., and Defects. The 'Defects' option is selected. In the center, a 'Defect Details' window is open for Defect ID 1. The window contains fields for Closing Date, Detected in Cycle, Detected in Rele..., Detected on Envi..., Modified, Planned Closing, Project, Priority, Reproducible, Status (set to New), Subject, Estimated Fix Ti..., Target Cycle (set to Cycle1), and Target Release (set to R1). Below these fields is a rich text editor for the 'Description' field, which contains the text: 'Login page is accepting "abvcc@rttcom" email address.' To the right of the description is a 'Comments' section with an 'Add Comment' button. At the bottom of the 'Defect Details' window are 'OK', 'Cancel', and 'Help' buttons. In the background, a defect list table is visible with columns for 'Detected...', 'Detected...', 'Detected...', 'Estimate...', and 'Status'. One row in the table is highlighted in blue and shows the date '9/4/2015'.

Activate Windows

Go to System in Control Panel to activate
Windows.

Server Time: 9/4/2