

Part 1:- Requirements Traceability Matrix (RTM) ?

1. Create an RTM Template:-

Requirements ID	Requirement Description	Test Case ID	Test Case Description	Status	Priority
R1	User Login functionality	TC-001	Verify the Login with valid details.	Pass	High
R2	Account balance display	TC-002	Verify the balance is displayed correctly.	In Progress	Medium
R3	Money transfer functionality	TC-003	Verify successfully transfer of funds.	Not started	High
R4	Transaction history download	TC-004	Verify download generates a pdf.	Failed	Low
R5	Secure logout mechanism	TC-005	Verify session is terminated after logout	Passed	High

2.Documentation :-

Understand Requirements: Analyze project requirements in detail.

Design the Template: Include fields like Requirement ID, Test Case ID, Status, etc.

Link Requirements to Test Cases: Map test cases to corresponding requirements.

Track Status: Continuously update the RTM as testing progresses.

Review: Validate the RTM for accuracy and completeness.

Part 2:- Jira for Project Management?

Setting Up a Project:-

Login in jira.

Click on Create Project.

Choose Project type:

1. Scrum
2. Kanban
3. Enter project details
4. Click Created.

Documentation:

Key Features 

- Issue tracking
- Custom workflows
- Collaboration tools

Chosen Project Type:

Scrum:

Part 3:- Zephyr for Test Management?

Open the jira setting, go to App features and download the zephyr app.

Test Cases for Login Functionality:

Test Case ID	Summary	Steps	Expected Result	Status
TC-001	Verify the login with valid details.	1. Go to the website 2.Enter a valid user name and password. 3.Click Login	User Account is login successfully	pass
TC-002	Verify the Login with invalid details.	1. Go to the website 2.Enter a invalid details user name and password.	User Account is not created and Error message shows in display.	Fail
TC-003	Verify the Password making	1.Go to the website 2.Enter password in the password field.	Password is not right	Pass

Documentation:-

Summary Report on Zephyr:

- Role in Test Management:

- ❖ Organizes test case
- ❖ Tracks execution status

- Integration with Jira:

- ❖ Link test case to jira
- ❖ Provides visibility into testing progress.