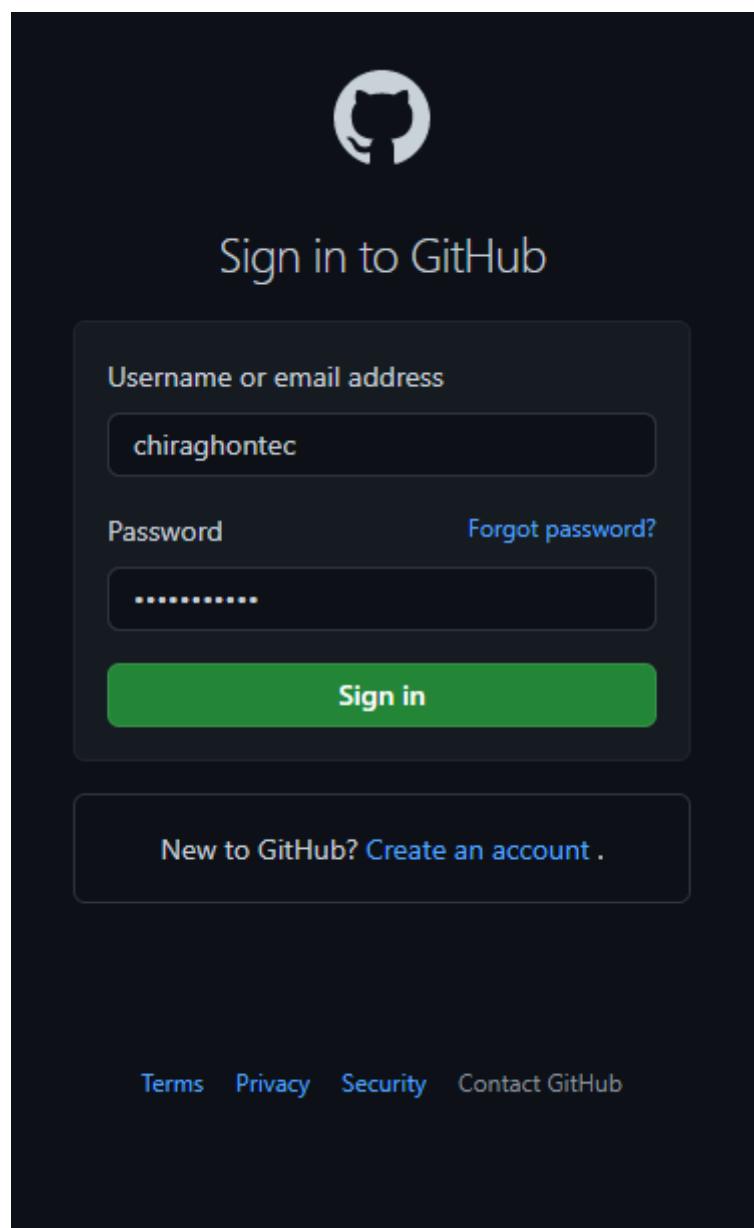


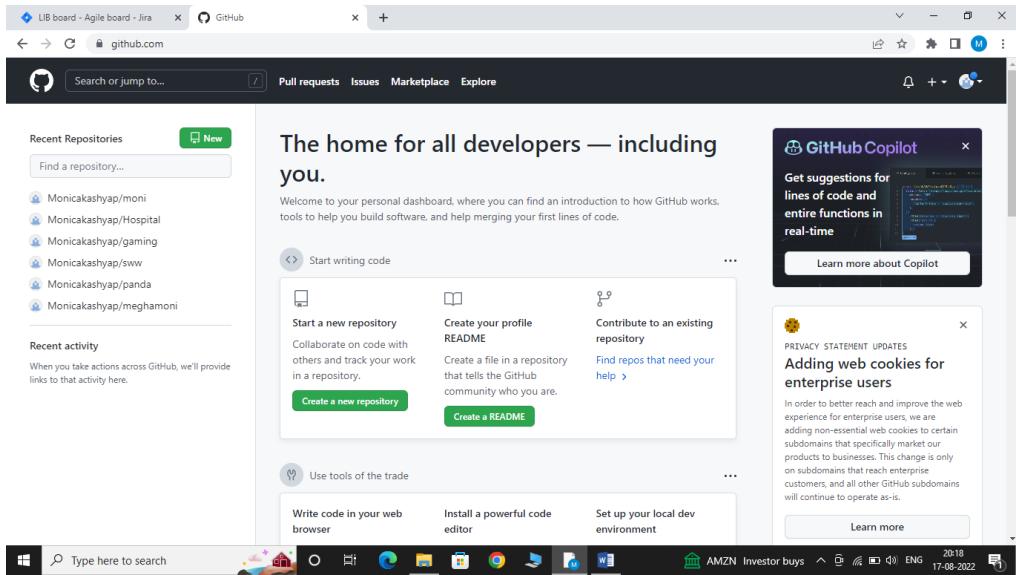
## Problem statement: Restaurant Management

1. For the above problem capture the requirement of the client and document them, also review it with acceptance criteria.

- Open github.com
- Log in to your github using your gmail Id.



- Create new Repository



- Click on create a new file.
- Enter file name
- Upload the file structure of SRS

The screenshot shows the 'Edit new file' interface for a file named 'SRS'. The file content is a structured list of requirements:

```

1  1. Introduction
2   1.1 Purpose
3   1.2 Scope
4   1.3 Overview
5  2. General description
6   2.1 User manual
7  3. Fundamental requirement
8   3.1 Description
9   3.2 Technical issues
10 4. Interface requirement
11   4.1 GUI
12   4.2 Hardware interface
13   4.3 Software interface
14 5. Performance requirement
15 6. Resign constraint
16 7. Other non functional attributes
17   7.1 Security
18   7.2 Reliability
19   7.3 Availability
20   7.4 Maintainability
21   7.5 Reusability
22 8. Operational scenarios
23 9. Preliminary schedule

```

The interface includes a preview tab, settings for spaces and wrap, and a 'Cancel changes' button.

- Create commit as “create commit ‘Issue Key name’”

The screenshot shows a Jira "User Requirement" page for an issue titled "TGS-6 User Requirement". The main area contains a "Description" field with placeholder text "Add a description...", an "Activity" section with tabs for "All", "Comments" (which is selected), and "History", and a comment input field with placeholder "Add a comment...". A sidebar on the right is titled "User requirement" and includes sections for "Details" (Assignee: Unassigned, Labels: None, Development: Create branch, Create commit), "Assign to me", and "Reporter" (Chirag D.S.).

The screenshot shows a GitHub "Commit new file" dialog. It features a commit message input field containing "Create commit TGS-6", an optional extended description input field, and two radio button options: one selected for committing directly to the "main" branch and another for creating a new branch. At the bottom are "Commit new file" and "Cancel" buttons.

- Click on commit new file
- Now go to jira and refresh the page to see the linked file

Development  
[Create branch](#)  
 1 commit 15 seconds ago

## 2. Identify and document two risk associated with the above case study

- Login to your jira account
- Click on apps
- Download the risk manager app

risk management for jira

Sort ▾  Free for all teams More Filters ▾ Categories ▾

16 results



**Risk Register**

The #1 Risk Management solution for Jira  
Custom fields, Dashboard gadgets, Project manage...

 36 2.3k installs



**SoftComply Risk Manager - for Product Risks**

The Most Customisable Risk Management Solution for Jira by Risk Management Experts  
Custom fields, Dashboard gadgets, Project manage...

 13 ADDED



**Hedge: Risk Management, Risk Register & Risk Matrix for Jira**

Simple and customizable risk management plugin for Jira. Create risk registers across projects and customize risk matrix  
Monitoring, Project management, Reports

77 installs

 Jira / Marketplace apps / SoftComply Risk Manager - for Product Risks 



**SoftComply Risk Manager - for Product Risks**

by SoftComply 

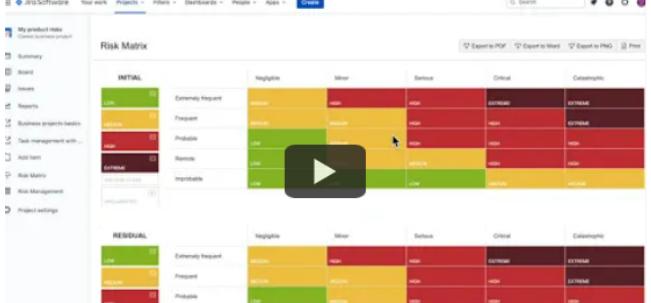
 13  CLOUD FORTIFIED

 Added [Get Started](#) [...](#)

---

[Overview](#)
[Support](#)

## The Most Customisable Risk Management Solution for Jira by Risk Management Experts



- Create new project

[Get started!](#)

[Create New Risk Project](#)

[Create New Risk Project from Existing Project](#)

#### Security announcement:

Related to latest the SoftComply Risk Manager security improvements, we have added a few extra security precautions to safeguard your valuable data. In the case of related security warnings you might need to change your permission schemes accordingly. Learn more about the SoftComply [Risk Manager's required permissions here](#).



- Create new risk project

### Create new Risk Project

Name of New Project\*

Max. 80 characters

Key of New Project\*

Max. 10 characters

Lead of New Project\*

Enter the name of the Project Lead

Inherit Permission, Notification and Issue Security Level Scheme from the following Risk Project

Select Project

Set up Project
Select Risk Matrix
Select Risk Table
Next
Cancel

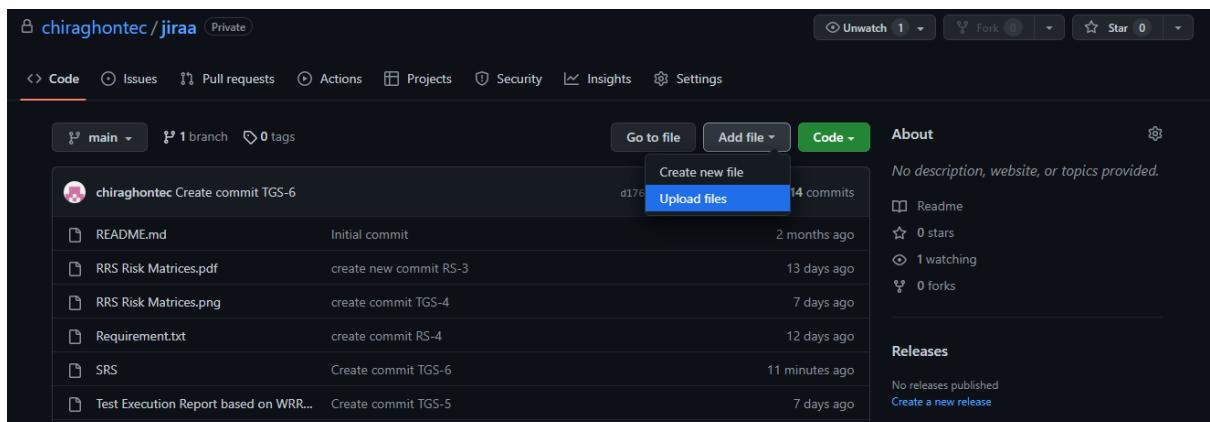
- Create a risk matrix for your given matrix

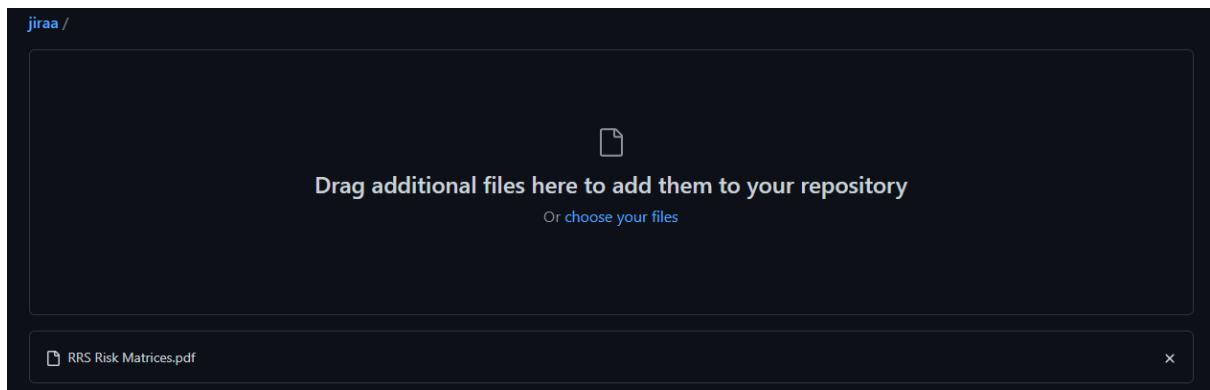
### Risk Matrix

INITIAL

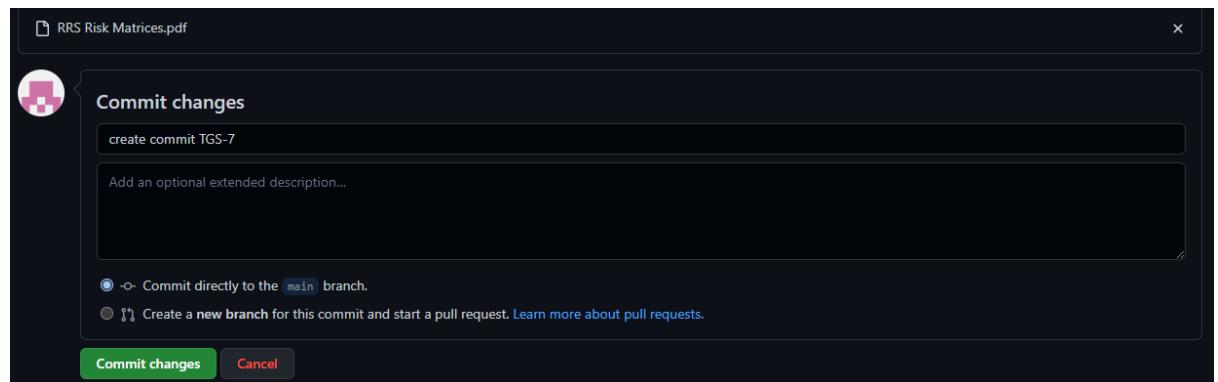
		Risk Probability	Risk occurring
LOW	Download Error	LOW	HIGH
HIGH	Payment Risk	HIGH	LOW

- Now export the matrix as PDF
- Now go to github and upload a new file





- Now commit the file “Create commit ‘Issue key’”



A screenshot of a Jira issue page for "TGS-7". The page includes a header with "Add epic / TGS-7" and various navigation icons. Below the header, there's a "Risk matrix" section with a "Description" field containing placeholder text "Add a description...". Under the "Activity" section, there are buttons for "All", "Comments" (which is selected), and "History", with a "Newest first" sorting option. A comment input field is present with a placeholder "Add a comment..." and a note about using the "M" key. To the right, there's a sidebar titled "Risk management" with sections for "Details", "Assignee" (Unassigned), "Labels" (None), "Development" (with a "Create branch" button), and "Reporter" (Chirag D.S.).

3. Create user stories and Draw UML diagram for the given case study.

- Create UML Diagram
- Open lucidchart.com

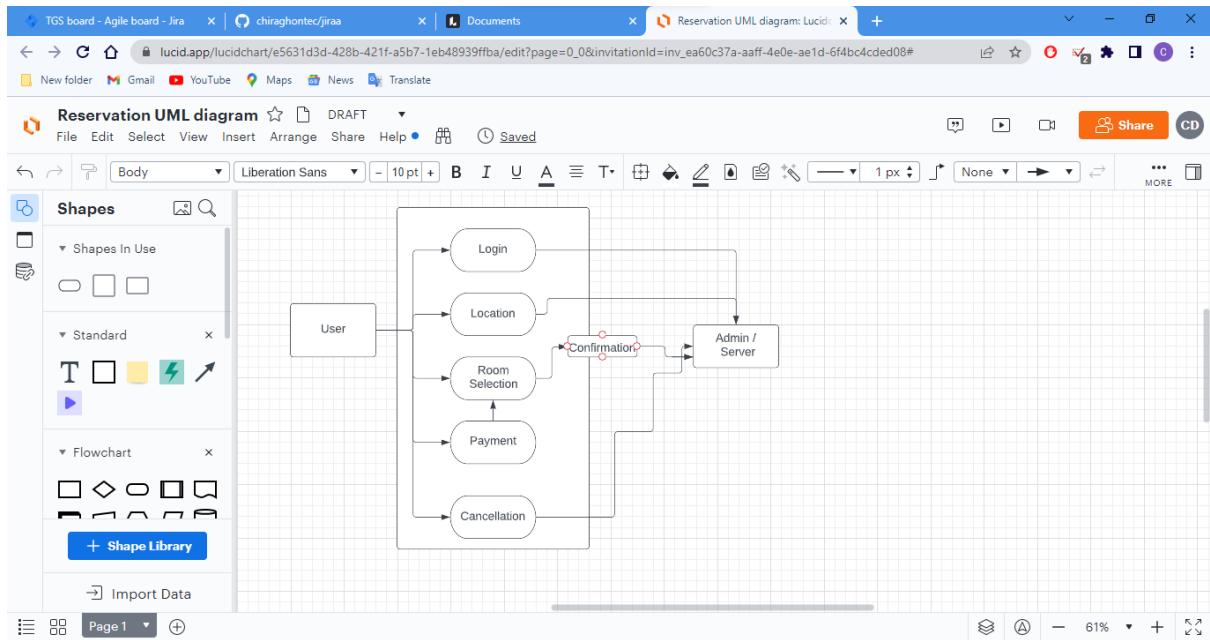
The screenshot shows the Lucidchart website's product suite overview. On the left, there's a dark sidebar with the heading "Product suite" and a subtext: "See and build the future with a powerful visual collaboration suite." To the right, there are three main sections: "Lucidchart" (the intelligent diagramming solution), "Lucidspark" (a virtual whiteboard), and "Lucidscale" (for cloud architecture). At the bottom of the page, a summary states: "Lucid is the Visual Collaboration Suite for enterprise and hybrid teams of all sizes."

- Select Lucid chart

### Log in to access the Lucid Visual Collaboration Suite

The screenshot shows the Lucidchart login page. It features a form with an email input field containing "chiragds14354@gmail.com", a "Remember me" checkbox, and a "Log in with password" link. Below the form is a "Next" button. To the right, there's a section titled "Connect Lucid to all your favorite industry-leading apps" with icons for Google, Office 365, Slack, AWS, and LinkedIn. At the bottom, there are links for "or log in with" and social media icons for Google, Office 365, and Slack.

- Click on New > lucid chart> blank diagram.



- Draw UML diagram as the above
- Go to jira and create new issue
- Paste the link of the UML diagram in the description.

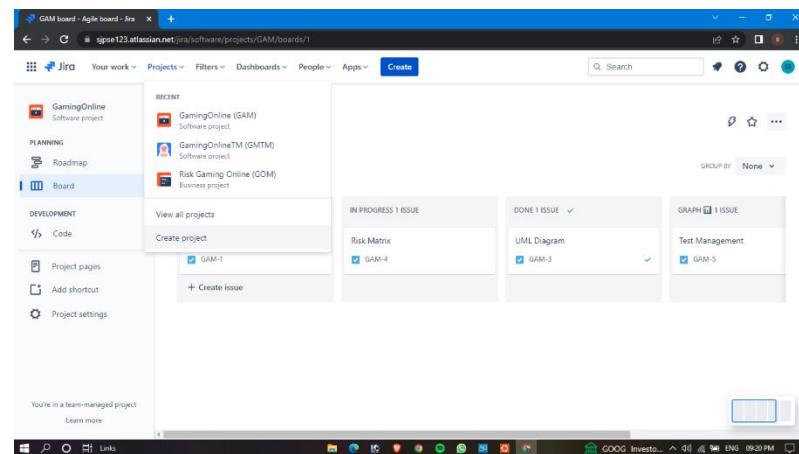
## Creating user stories

- Create a new Issue in jira Name it as 'User story'
- In the description type the content given below

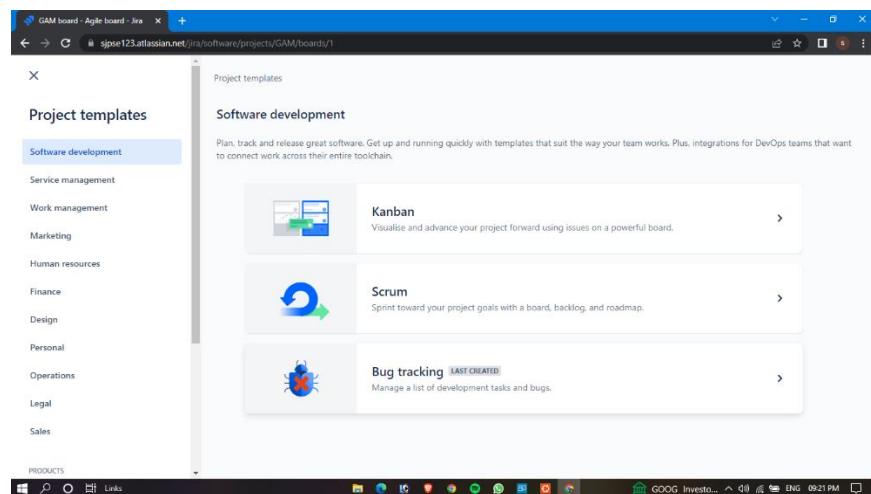
The screenshot shows a Jira 'User story' creation dialog. At the top, there are buttons for 'Add epic', 'RS-1', and other project navigation. Below that is a toolbar with 'Attach', 'Add a child issue', 'Link issue', and a 'Lucid' button. The main area is titled 'User story' with a 'Details' section on the right. This section includes fields for 'Assignee' (Unassigned), 'Labels' (None), 'Development' (Create branch, Create commit), and 'Reporter' (Chirag D.S.). The 'Description' field contains the user story text: 'As a customer I want to book hotel room for my vacation. The website should have payment options and cancellation option.' There are 'Save' and 'Cancel' buttons at the bottom, and a comment input field with a placeholder 'Add a comment...'. A note says 'Pro tip: press M to comment.'

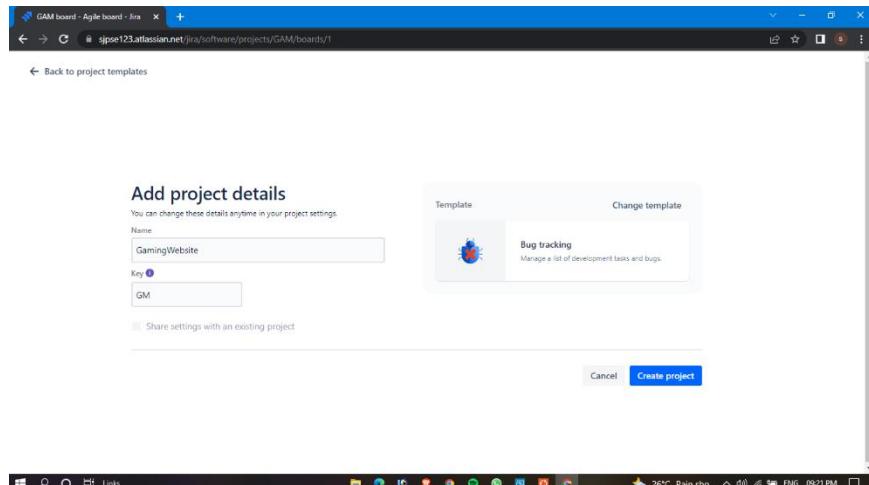
## 4. Create test case for the above case study

- Login to your jira account
- Click on projects > create project



- Select bug tracking





- Click on use template and add the name of your project

Type	Key	Summary
<input checked="" type="checkbox"/>	GAM-6	Acceptance Criteria
<input checked="" type="checkbox"/>	GAM-4	Risk Matrix
<input checked="" type="checkbox"/>	GAM-3	UML Diagram
<input checked="" type="checkbox"/>	GAM-1	User Stories

Type	Key	Summary
<input checked="" type="checkbox"/>	GAM-6	Acceptance Criteria
<input checked="" type="checkbox"/>	GAM-4	Risk Matrix
<input checked="" type="checkbox"/>	GAM-3	UML Diagram
<input checked="" type="checkbox"/>	GAM-1	User Stories

- Go to apps ,add requirement and test management for jira
- Select your project

- Click on enable

The image consists of three vertically stacked screenshots of a Jira application window titled "RTM Configuration - Jira".

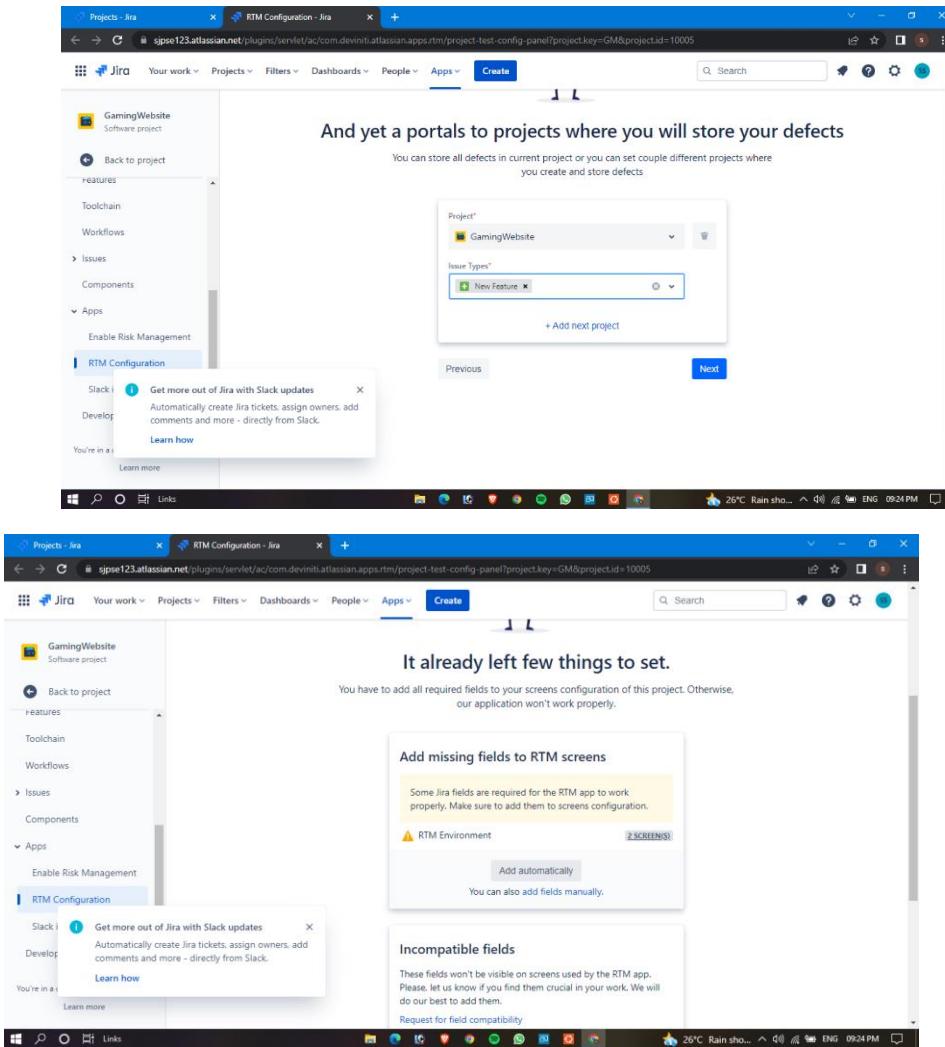
**Screenshot 1:** The top screenshot shows the initial configuration step. It features a sidebar with "PROJECTS" and "REPORTS" sections. The main area has a cartoon character and the heading "Enable the Requirements and Test Management app in your project". A dropdown menu labeled "Select project" shows "GamingWebsite" with an "Enable" button next to it. A note below says "Can't see your project?" with a link to documentation.

**Screenshot 2:** The middle screenshot shows the configuration step after selecting "Epic" under "Requirements". The "Test Case" dropdown shows "Bug", "Test Plan" shows "Improvement", and "Test Execution" shows "Task". A "Next" button is visible at the bottom right.

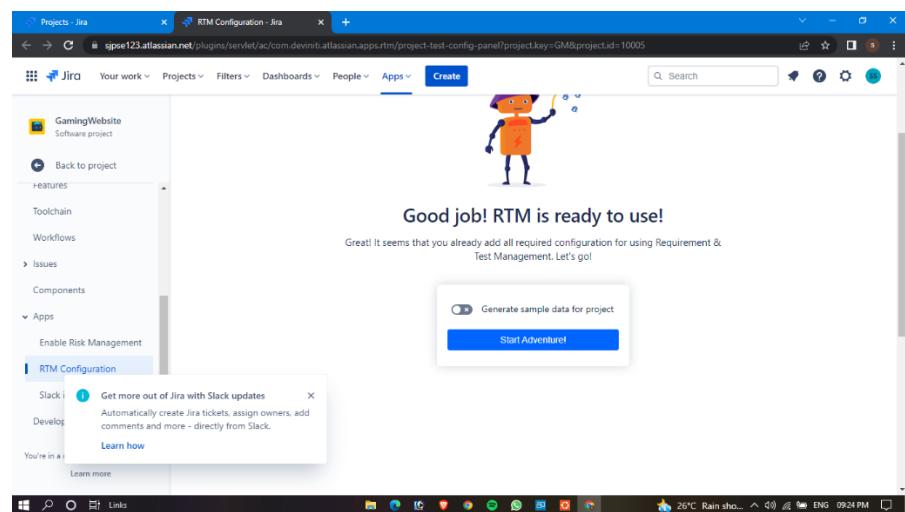
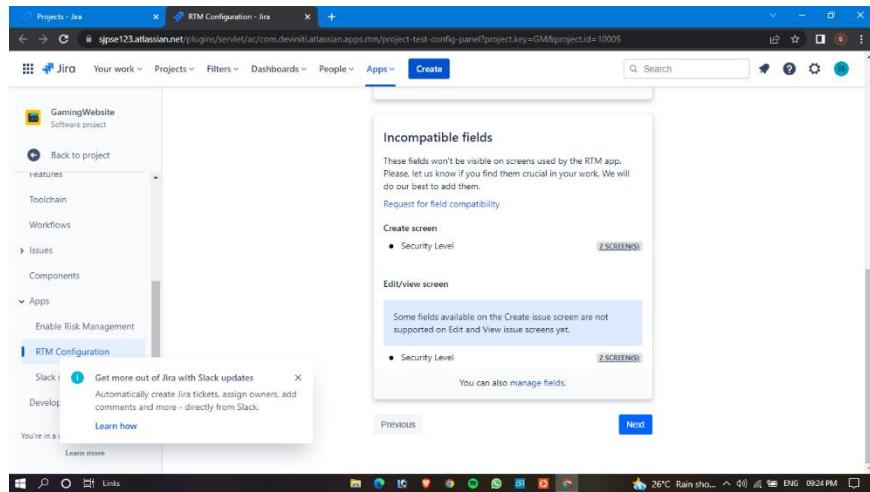
**Screenshot 3:** The bottom screenshot shows the configuration step after selecting "Bug" under "Test Case". The other fields remain the same. A "Next" button is visible at the bottom right.

- Select Epic in Requirement.
- Select Bug in Test case.
- Select Improvement in Test plan.
- Select Task in Test Execution.

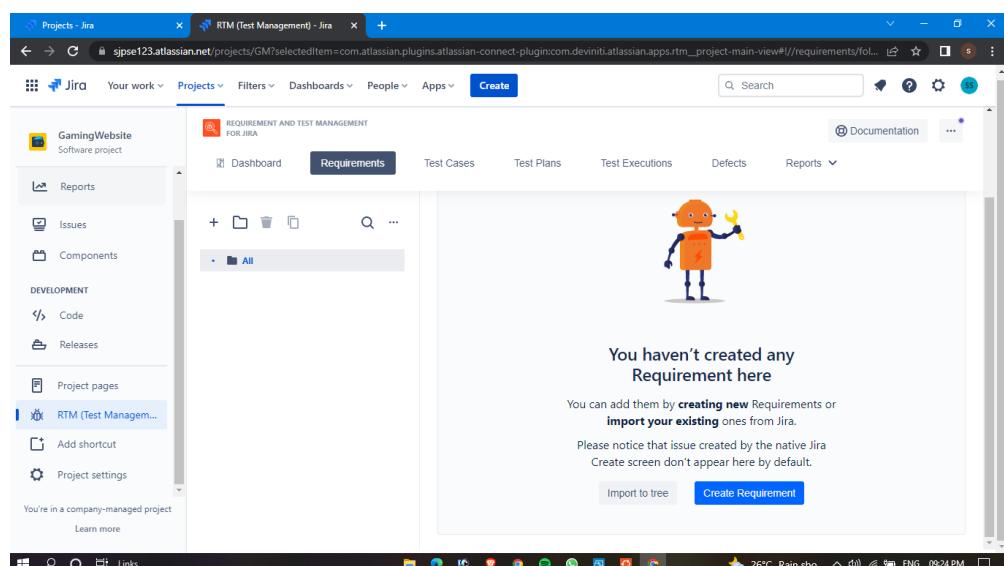
## Click on Next

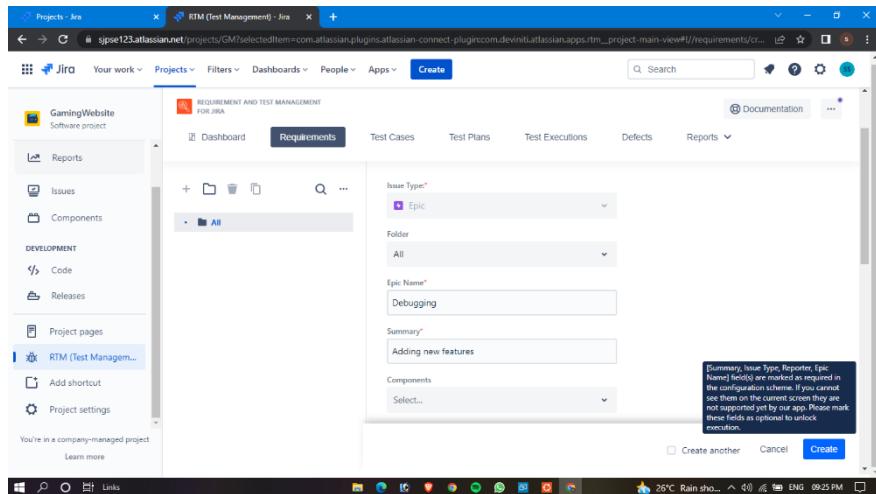


- Select New feature in Issue type.
- Click on next.
- Click on add automatically.
- Click on next.



- Click on start Adventure.





- Click on Create Requirement
- Enter the Epic name and description.
- Click on Create.
- Your Requirement will be created.

The top screenshot shows the 'Add Requirement' dialog with the following details:

Issue Key	Summary	Assigned	Labels	Priority	Fix Version	Status
GM-1	Adding new features	Unassigned	Medium	10.00		

The bottom screenshot shows the 'Create execution' dialog for Test Executions with the following details:

Test Execution details:

- Issue Type: Task
- Folder: All
- TE Start Date: 8/18/2022
- TE End Date: 8/18/2022
- Summary: Improving Code Quality

- Go to Test cases.
- Click on Create Test Case.
- Enter Summary.
- Click on create.
- Your test case will be created.

The screenshots illustrate the Jira RTM (Test Management) plugin interface. The top screenshot shows the main 'Test Executions' view where three test cases have been created for issues GM-4, GM-5, and GM-6. The bottom screenshot shows the 'Edit' dialog box where the user can select values for the assigned test cases, such as 'Assignee' and 'Result'.

- Create 4 Test cases
- Select all the Test cases.
- Click on Create Execution.
- Enter the summary

The image consists of two vertically stacked screenshots of a Jira application window titled "RTM (Test Management) - Jira".

**Screenshot 1 (Top):** The main interface shows a project named "GamingWebsite" under "REQUIREMENT AND TEST MANAGEMENT FOR JIRA". The "Test Executions" tab is selected. A modal dialog box titled "Edit" is open over the main content area. The dialog has a heading "Select the values you want to change for the selected Test Case Executions." It contains a dropdown menu labeled "Assignee" set to "Don't change". Below it is a list of result status options: "Don't change", "To do", "In progress", "Pass", "Fail", "Blocked", and "Passed with restrictions". The "Pass" option is currently selected. At the bottom of the dialog are "Cancel" and "Save" buttons.

**Screenshot 2 (Bottom):** This screenshot is nearly identical to the first one, showing the same Jira interface and the "Edit" dialog. The difference is that the "Pass" option in the list has been deselected, indicating it has been changed back to "Don't change".

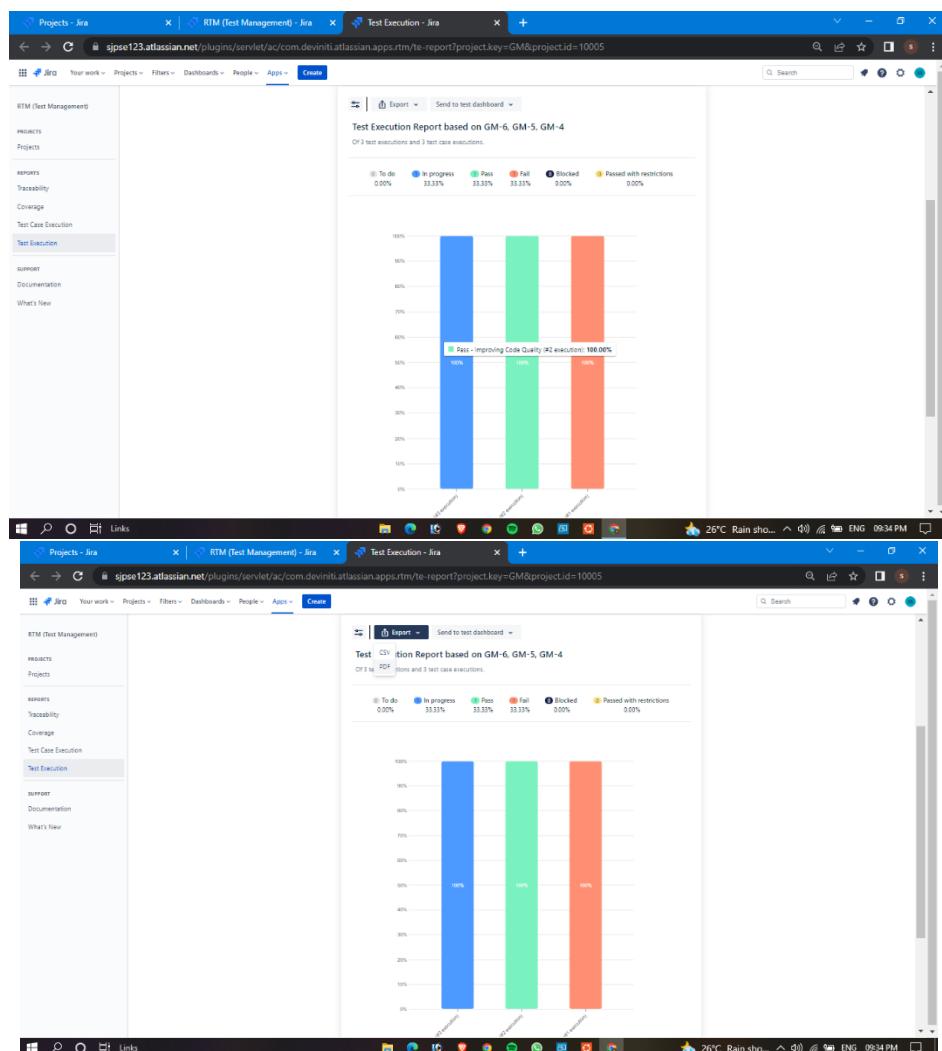
- Click on create.
- Go to Test Execution.
- Click on the Issue key.
  
- Select each test case and edit the results.
- Click on save.
- Do for all the test cases as below.
- Click on Reports > Test execution.

- Select all in Test Requirement folder.

Click on generate.

The screenshot shows the Jira Test Execution interface. On the left, there's a sidebar with 'RTM (Test Management)' under 'PROJECTS' and 'Test Execution' selected under 'Test Case Execution'. The main area has a title 'Test Execution' with a subtitle: 'The Test Execution report shows each execution of the Test Plan in the column chart. You can use it to check the result of each Test Execution and to compare one to another. For more information, see our documentation.' It includes dropdowns for 'Project' (set to 'GamingWebsite'), 'Test Execution Folder' (set to 'All'), 'Test Plan', 'Execution', 'TCE RTM Environment', 'TCE Create Date' (with 'From' and 'To' fields), and 'TCE Assignee'. A 'Generate' button is at the bottom right.

- The Bar graph will be created as below.



- Copy the link
- Go to your project > create issue
- Paste that link

