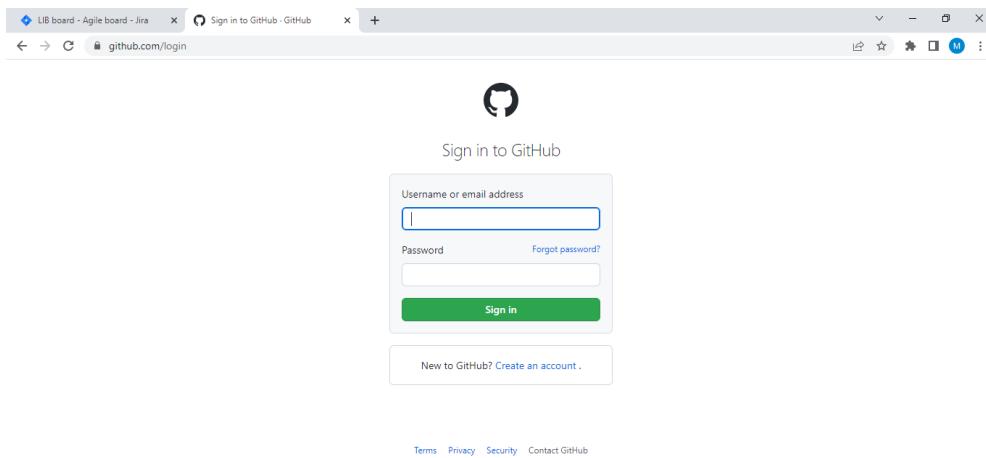


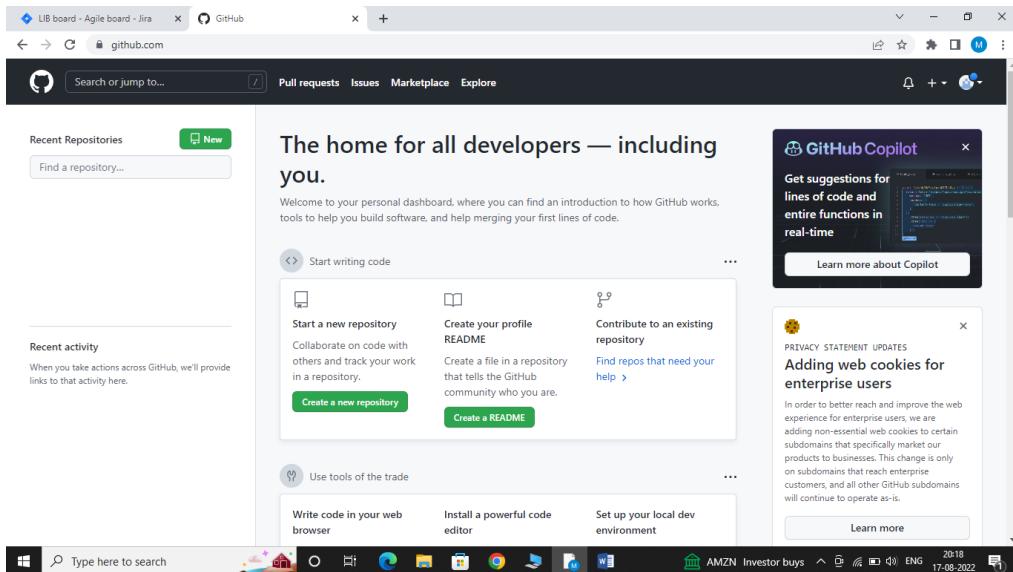
# Problem statement: Library Login form

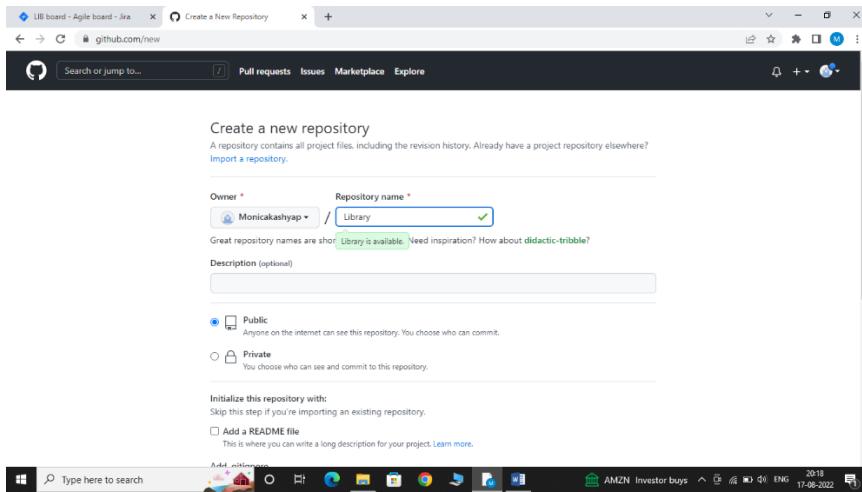
## 1. For the above problem capture the requirements of the client and document them, also review it with acceptance criteria.

- Open the website “github.com”.
- Login to your github using your gmail.id.

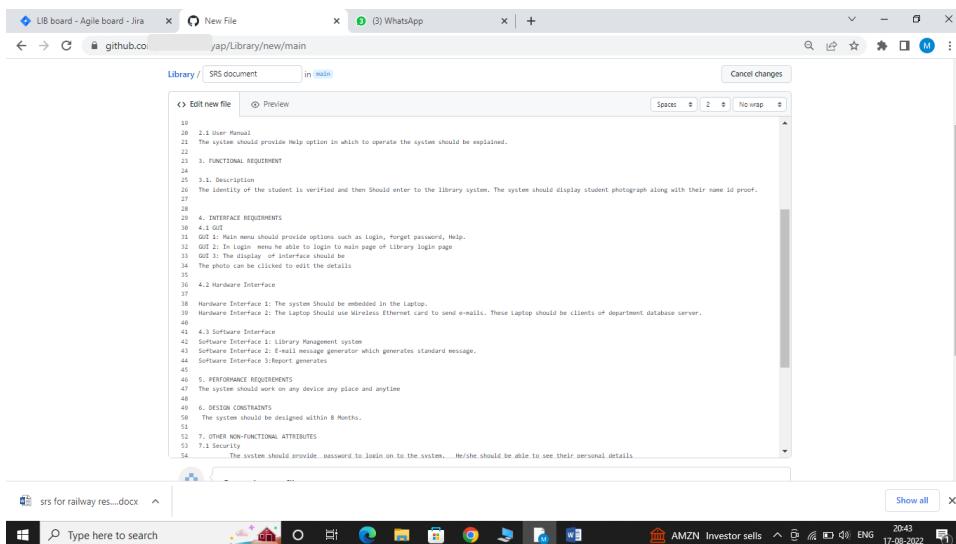
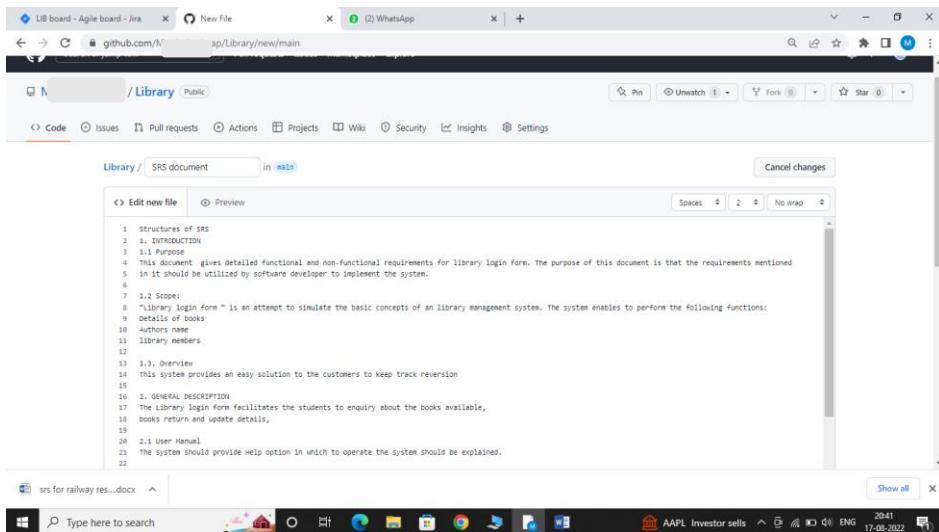


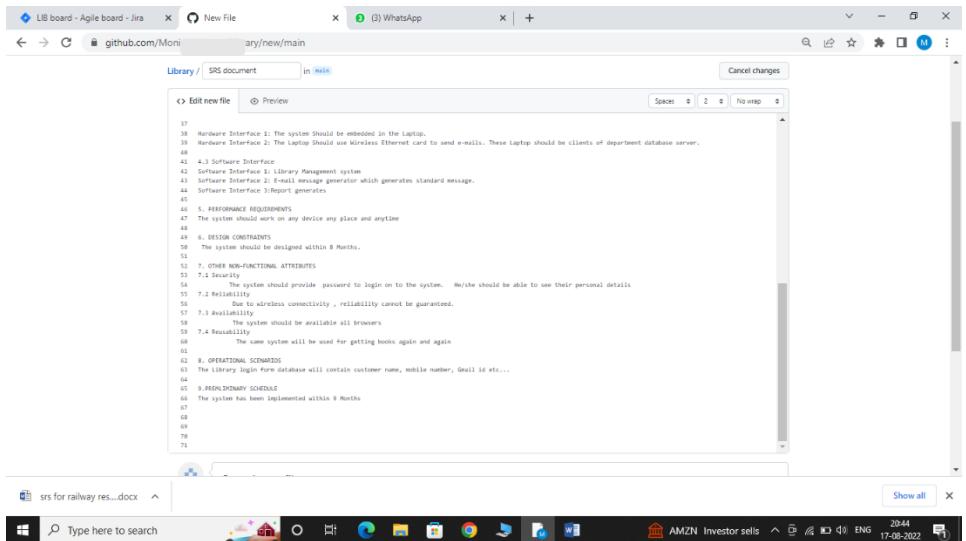
- Click on create new repository.



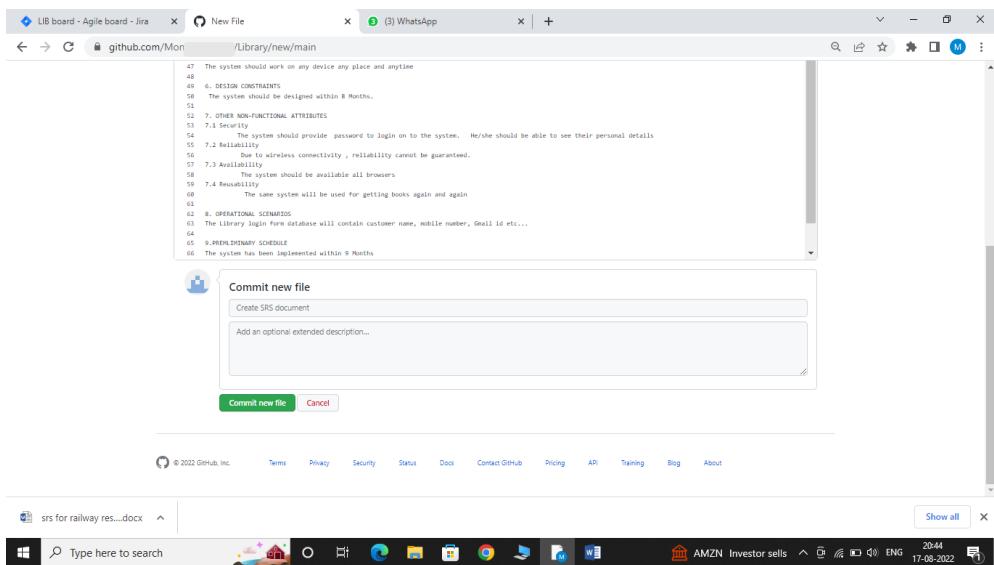


- Click on create a new file.
- Enter the file name.
- Upload the file of Structure of srs.

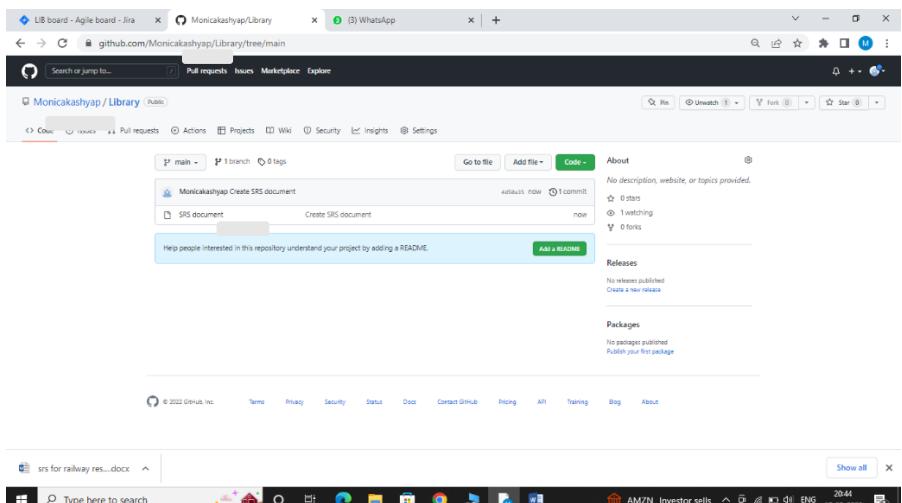




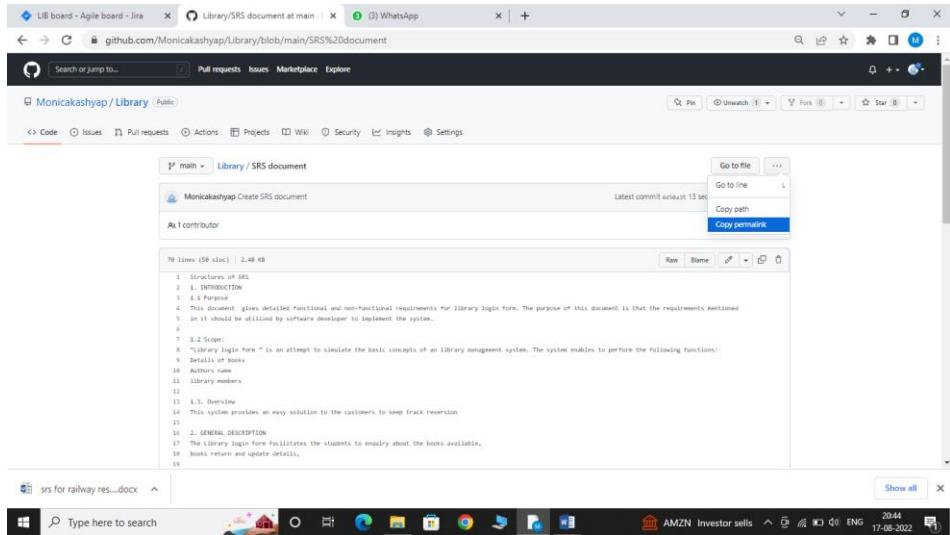
- Click on commit on new file.



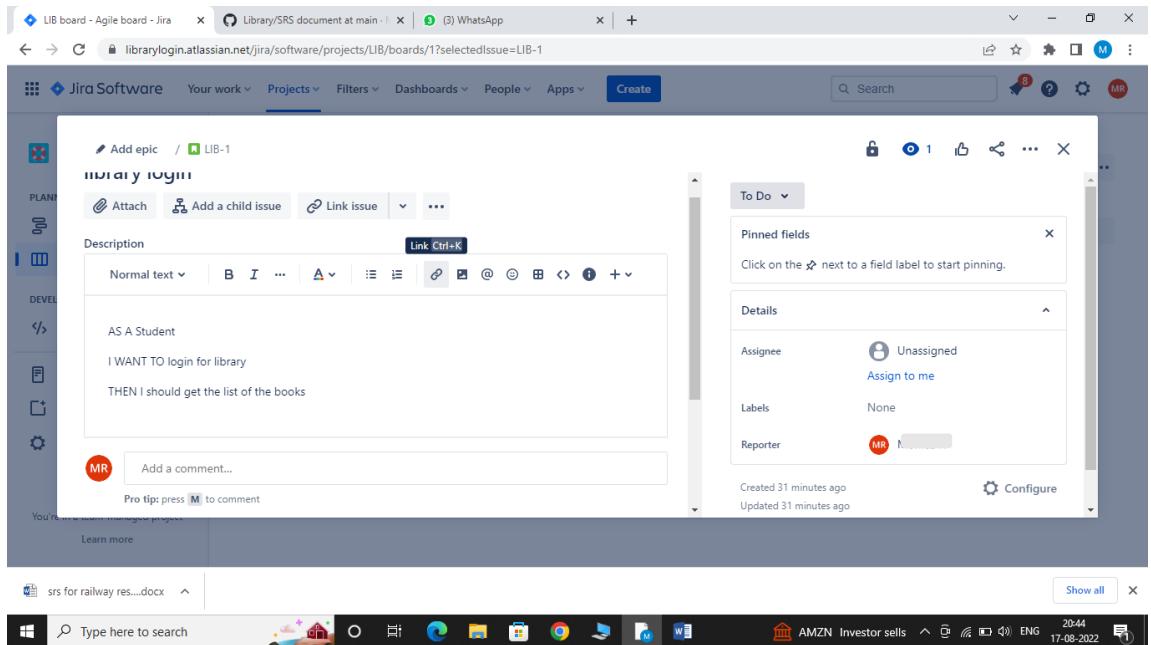
- Click on your file.



- Copy the permalink.



- Go to your jira account.
- Click on the issue created.
- Go to the description, click on the link symbol, paste the link which you have copied



- Enter the test to display as “Structure of srs”.

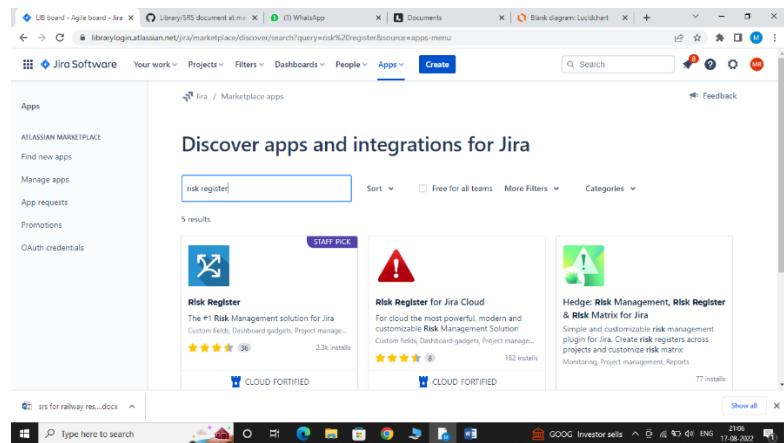
The screenshot shows a Jira Software interface for a project named "LIB board - Agile board". A test case titled "LIB-1" is displayed. In the "Description" field, there is a screenshot of an SRS document. The screenshot shows a URL: <https://github.com/Monicakashyap/Library/blob/4d50a35604f7>. Below the URL, the text "Structure of SRS" is visible. The "Details" panel on the right shows the assignee as "Unassigned", labels as "None", and reporter as "MR".

- Click on Save.

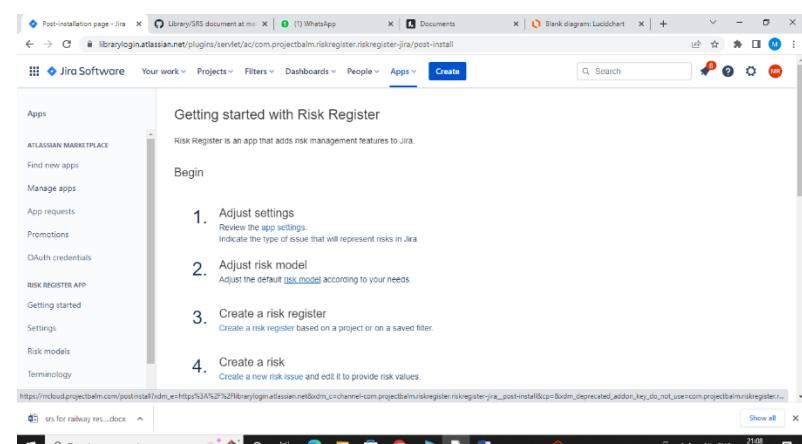
The screenshot shows the same Jira Software interface as before, but now the "Save" button is highlighted in blue at the bottom left of the main form. The rest of the interface remains the same, including the attached SRS document and the "Details" panel.

## 2. Identify and document two associate risk for the above case study .

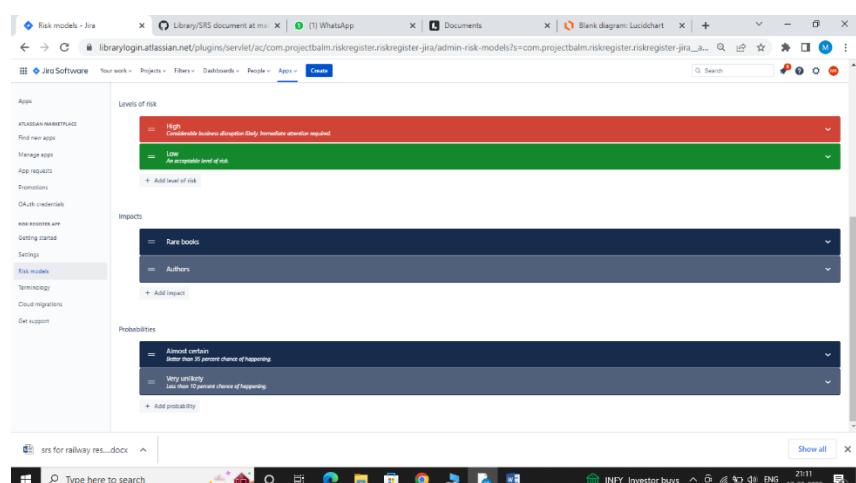
- Login to your jira account
- Click on apps
- Download the risk register app



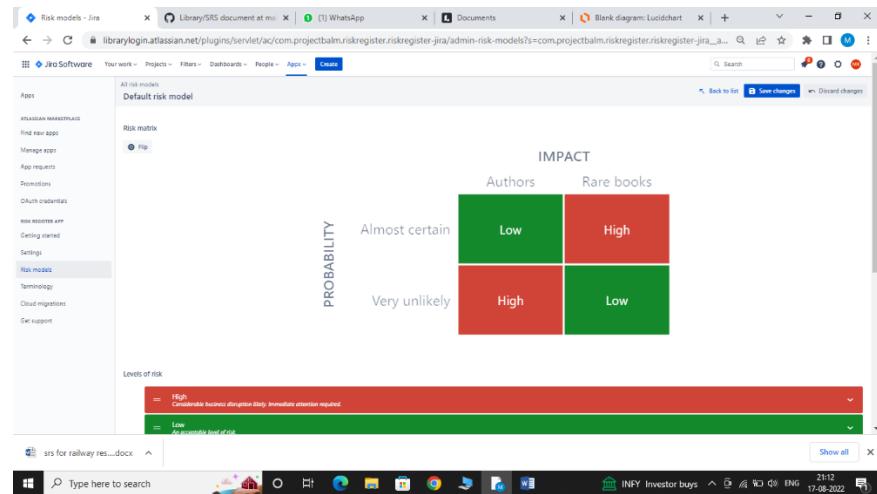
- Go to risk model



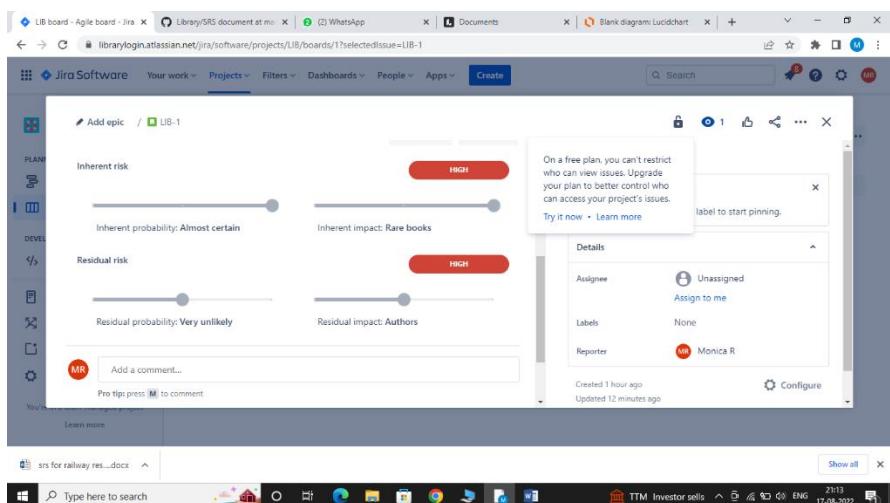
- Edit the impact, probability and level of risks



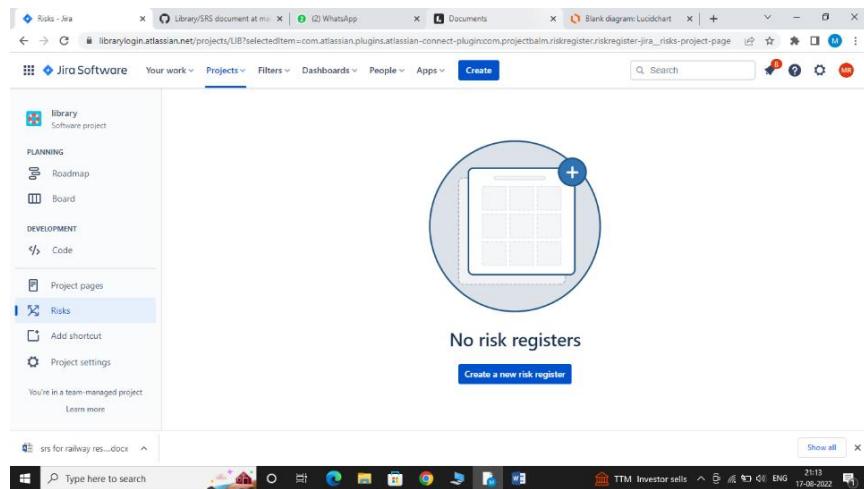
- Click on save changes



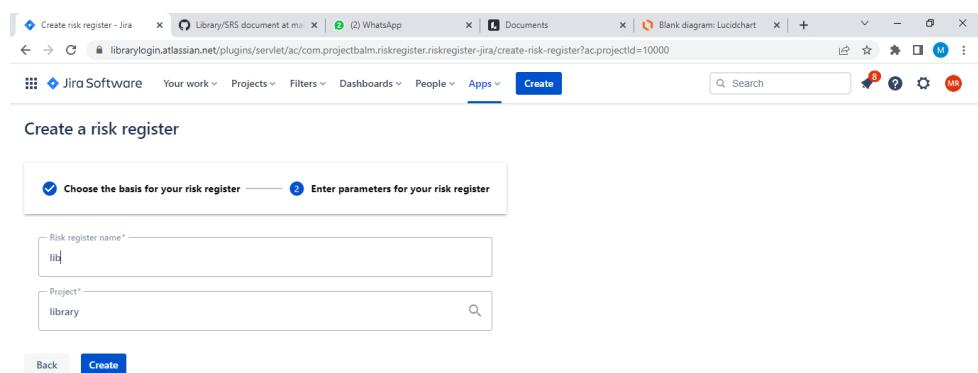
- Go to the project modify the risk assessment



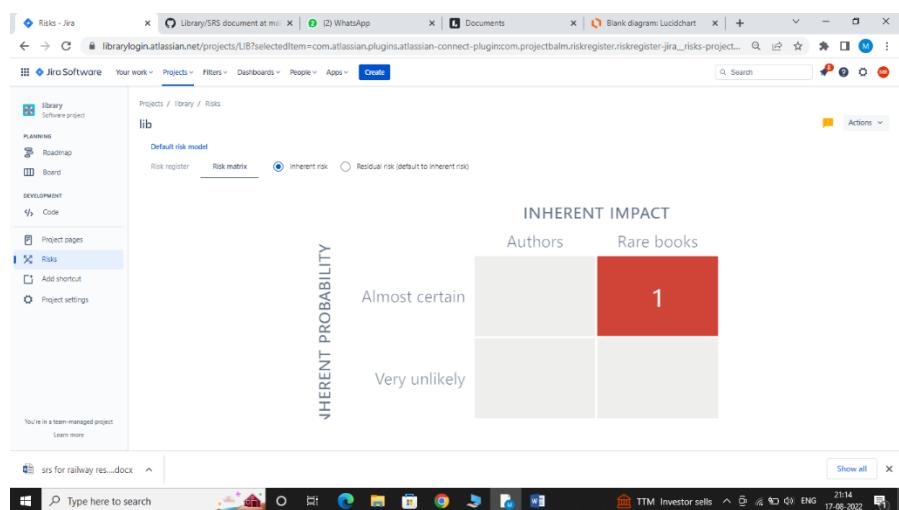
- Click on save
- Go to risks
- Click on create a risk register



- Enter the risk project name

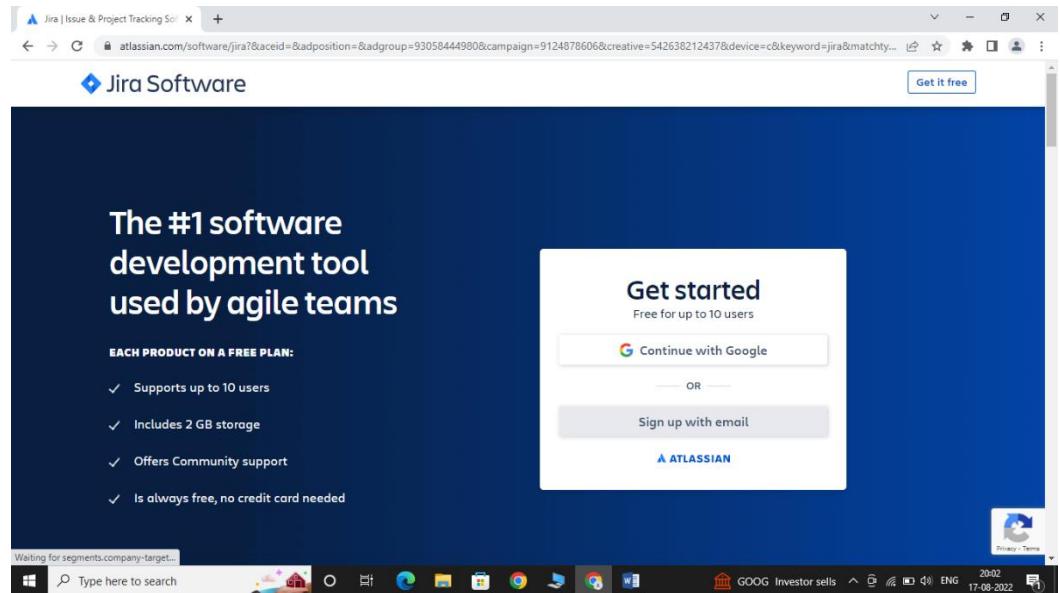


- Click on create
- Click on risk matrix
- The risk matrix will be displayed

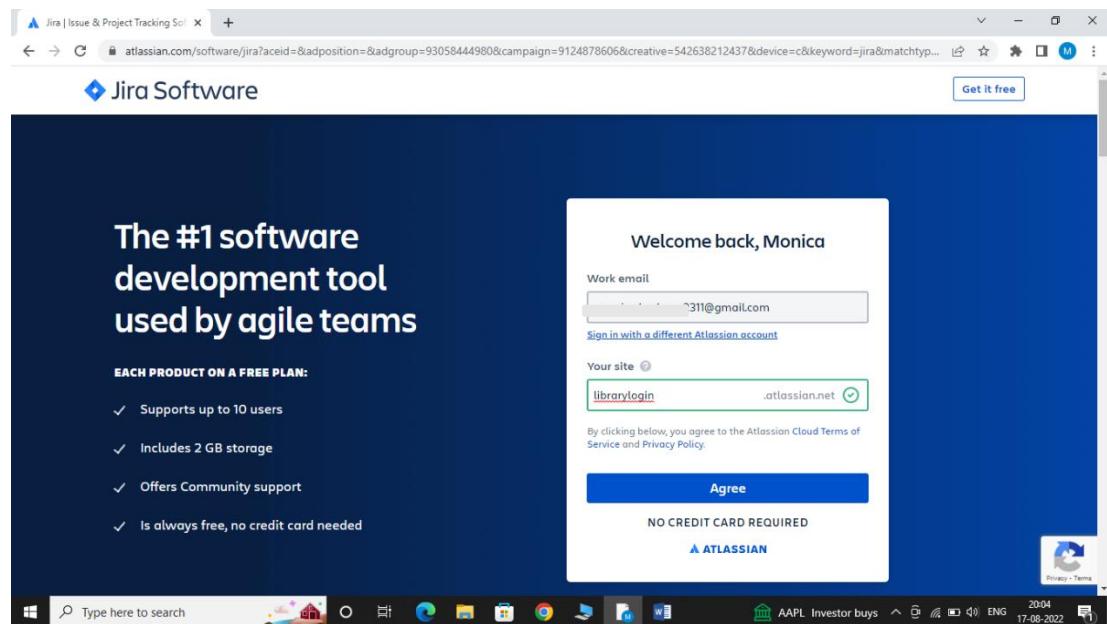


### 3. Create user stories and draw UML diagram for the above requirement.

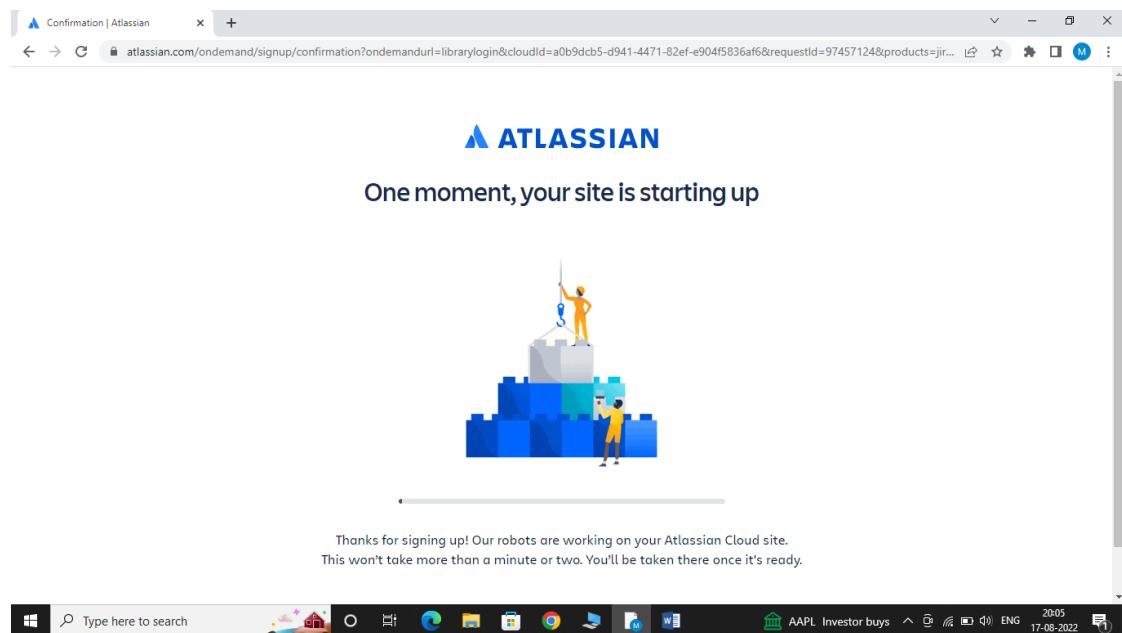
- Go to jira software
- Click on get it for free.



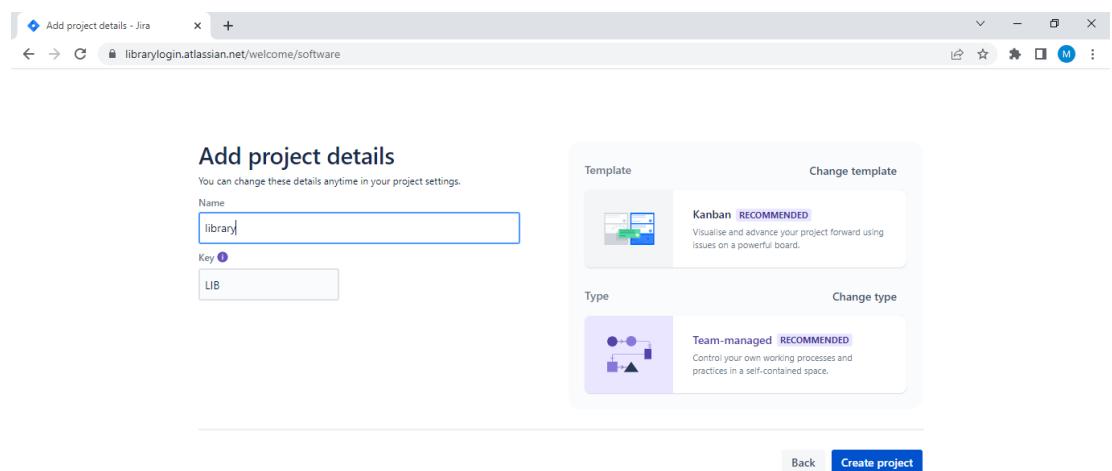
Sign in with your google account  
Enter Site name



- Your site starts to build.



- Add project details. Like enter your team name or project name.



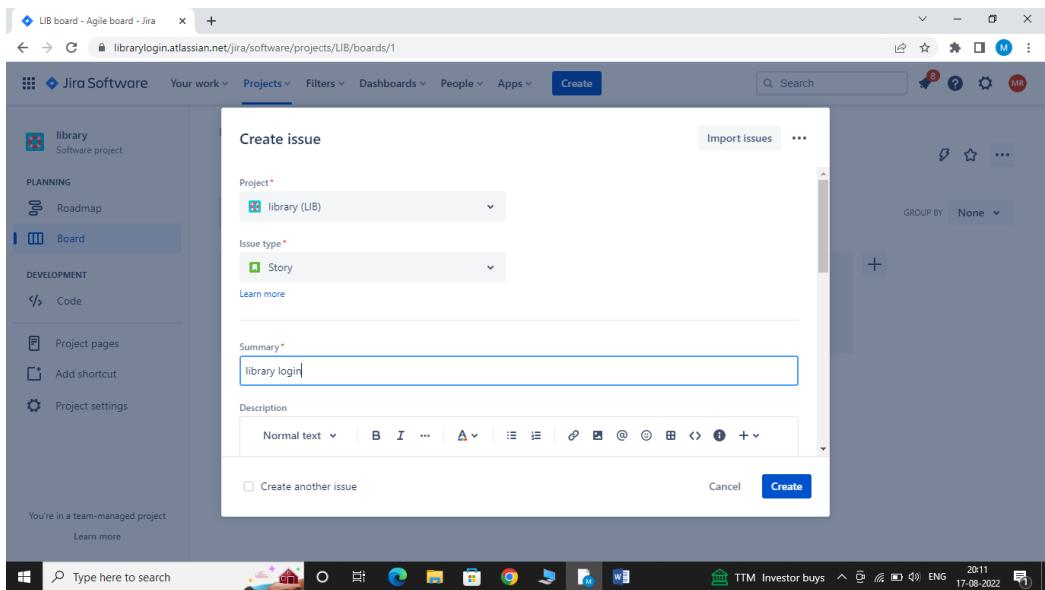
- Click on create project.
- Enter your teammates gmail id



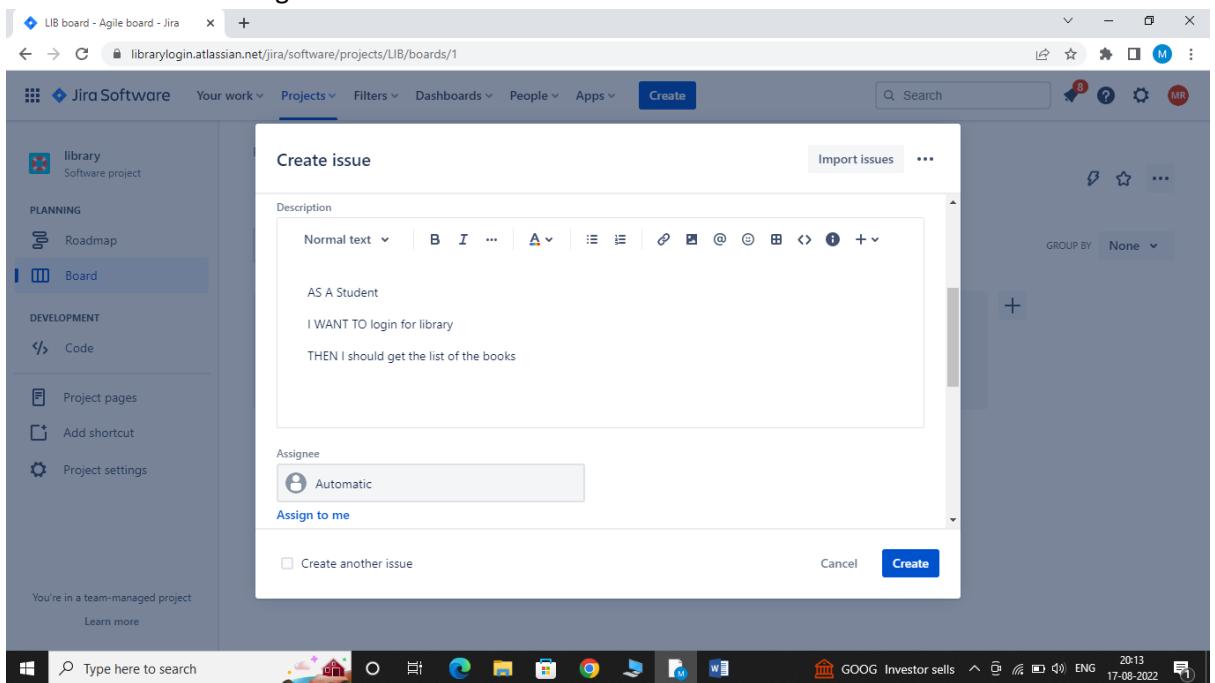
- Click on done the window appears as below.

The screenshot shows a Jira Software interface for the 'LIB board'. The main area is an 'Agile board' titled 'LIB board' with three columns: 'TO DO', 'IN PROGRESS', and 'DONE'. There is a '+ Create issue' button in the 'TO DO' column. On the left, there's a sidebar with project navigation options like 'Planning', 'Development', and 'Code'. A message at the bottom says 'You're in a team-managed project'. The browser address bar shows the URL: librarylogin.atlassian.net/jira/software/projects/LIB/boards/1. The taskbar at the bottom includes icons for File Explorer, Microsoft Edge, and File History, and shows the date and time as 17-08-2022 20:09.

- Click on create.
- Enter the issue type as story.
- Enter summary as Library login.



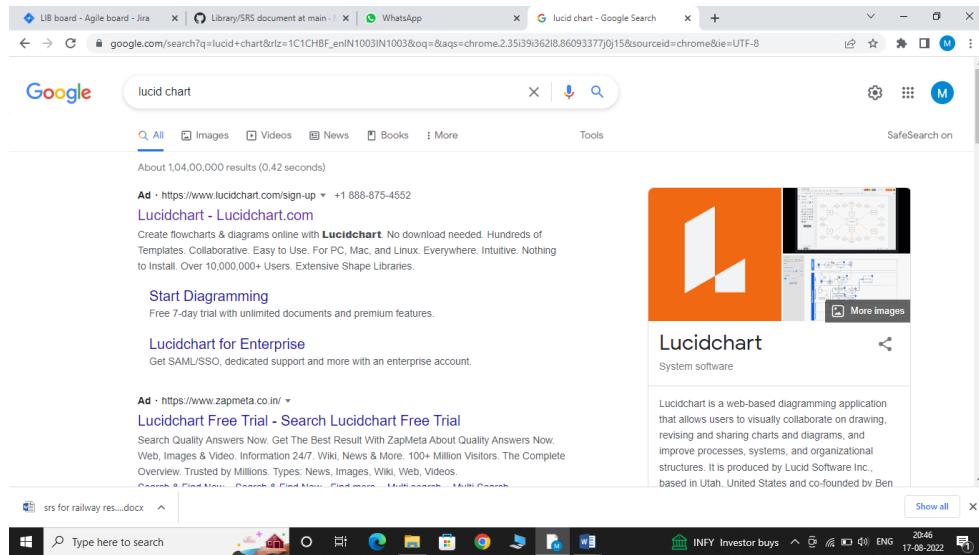
- Enter the description as  
AS A student  
I WANT TO login for library  
THEN I should get the list of the books available.



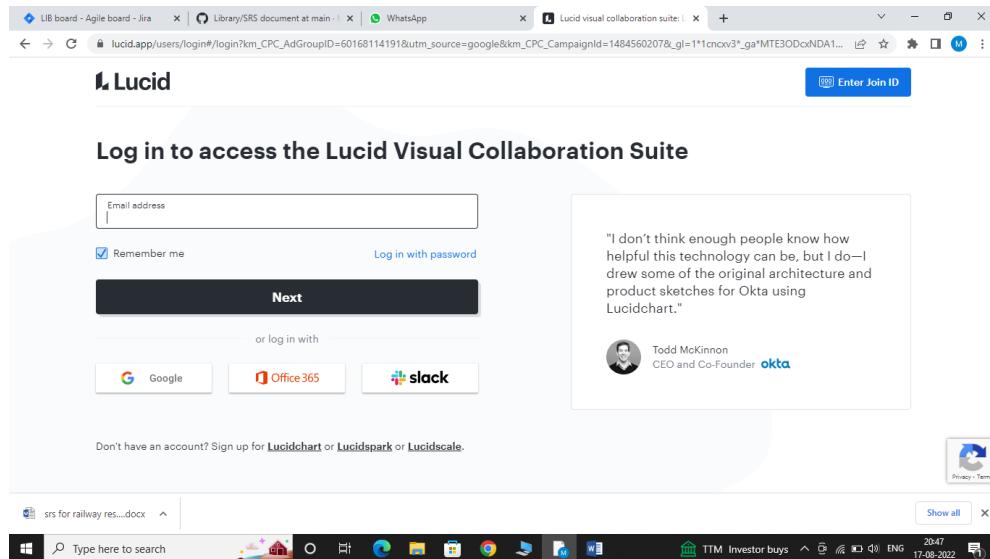
- Click on create.
- The user story will be created.

# UML diagram

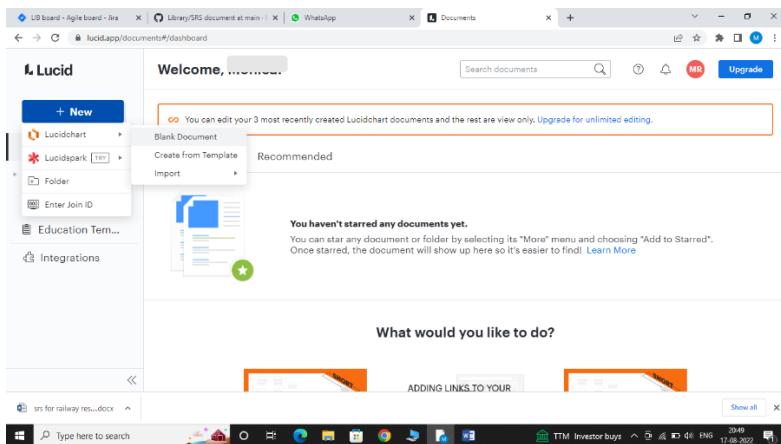
- Go to lucid chart in google



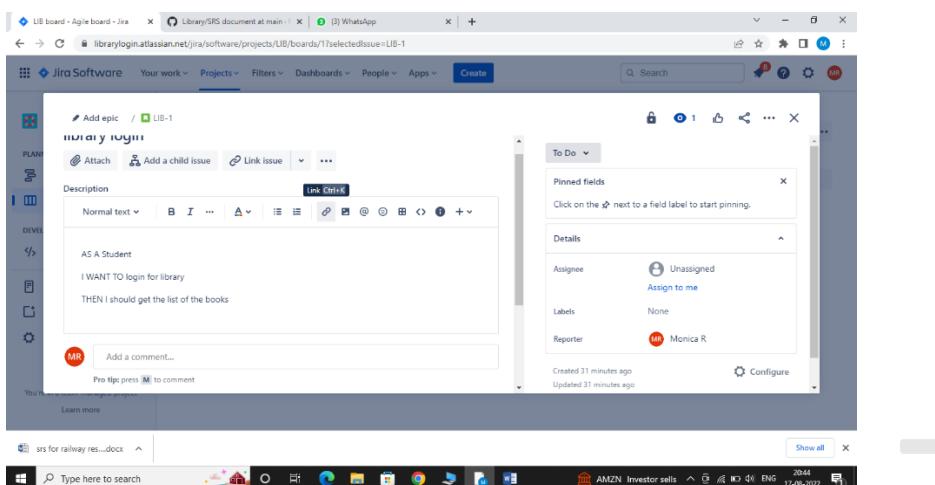
- Login to your google account.



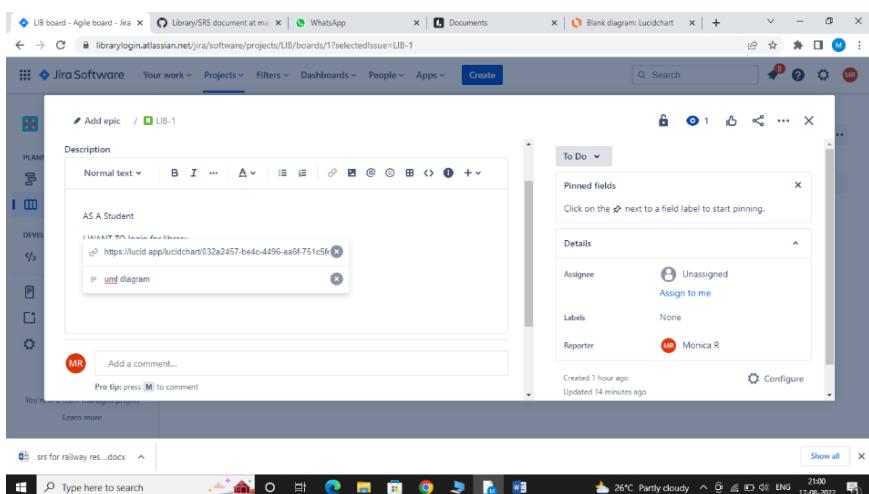
- Click on New > lucid chart> blank diagram.



- Draw the uml diagram as below.
- Go to your jira account.
- Click on the issue created.
- Go to the description, click on the link symbol.

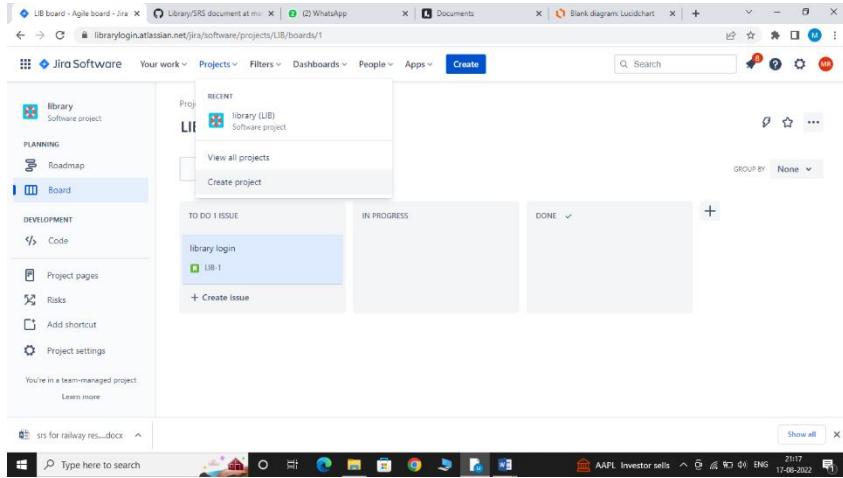


- Paste the link which you have copied, Enter test to display as UML diagram.

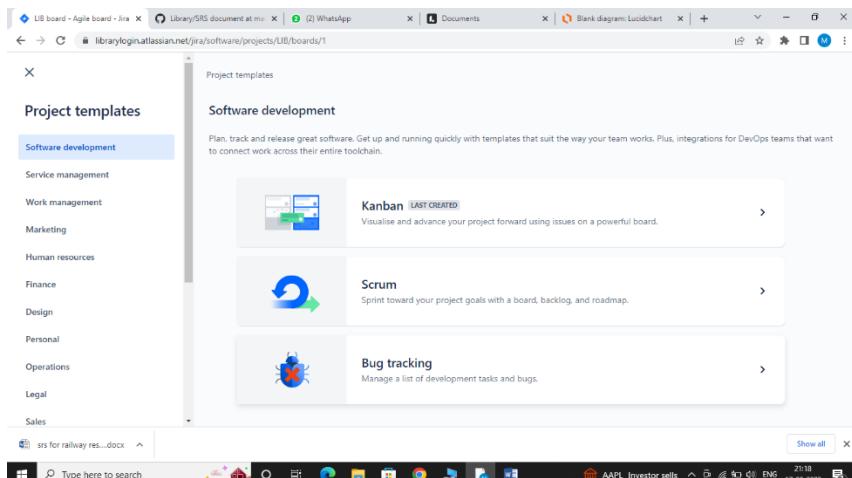


## 4. Write the test suite for the above requirement.

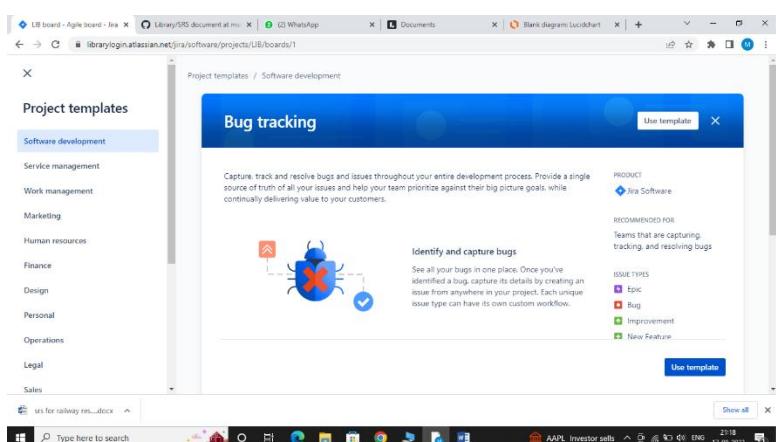
- Login to your jira account.
- Click on projects > create project



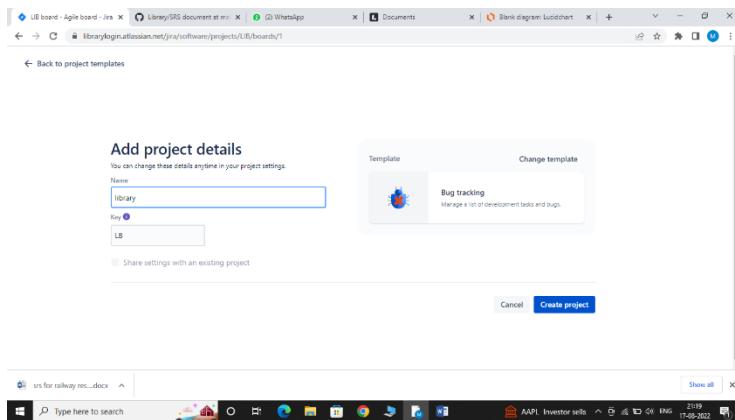
- Select Bug tracking.



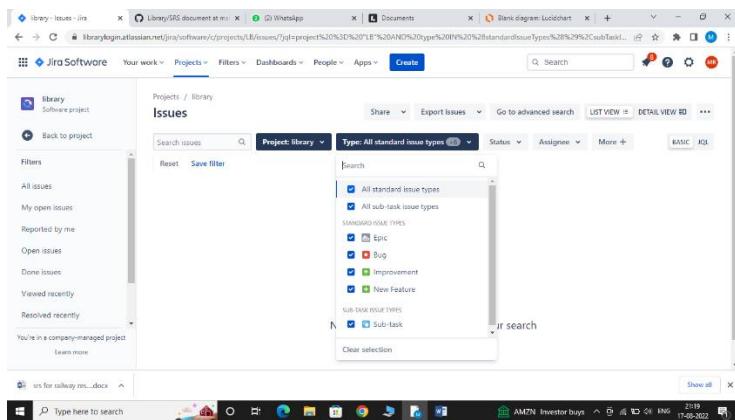
- Click on use template.



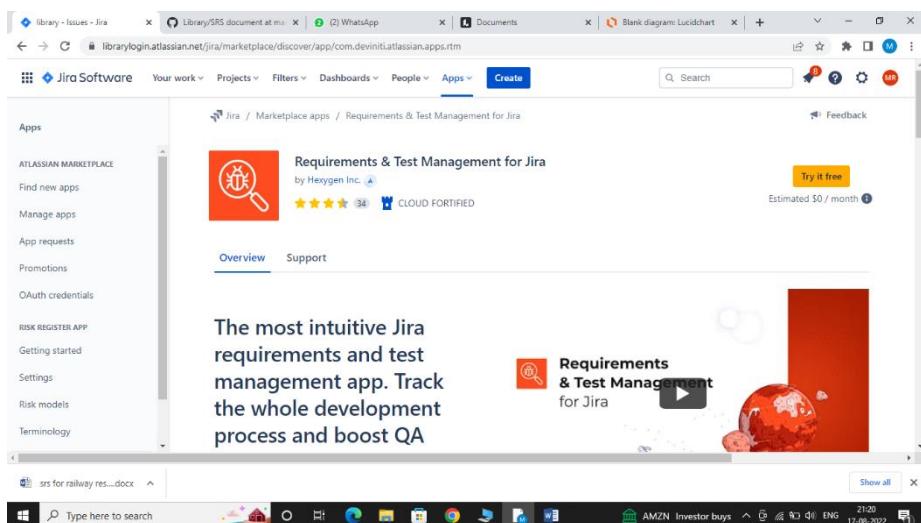
- Add Name of the project.



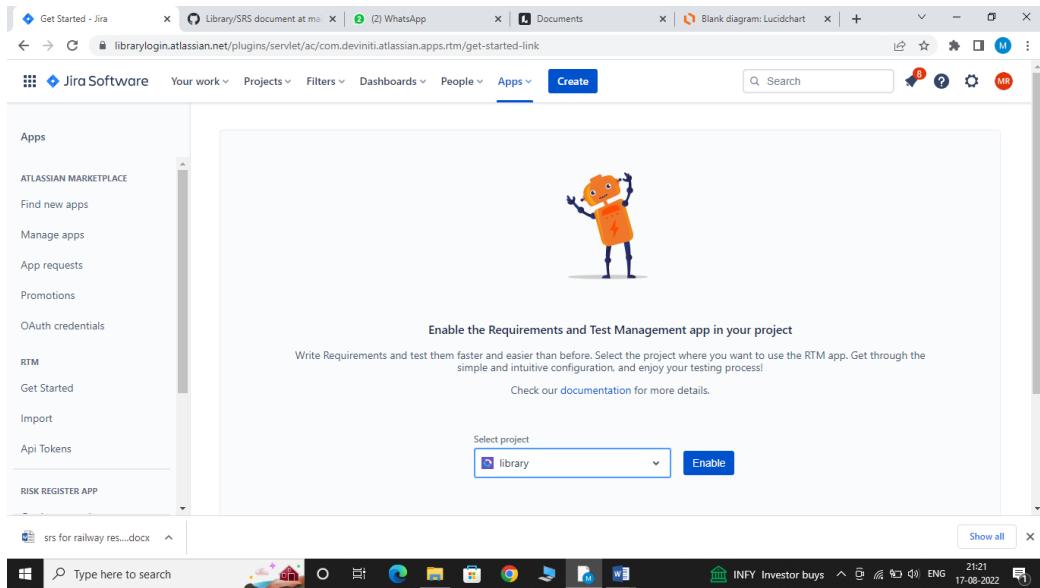
- Select all in type, status, and assignee as current user.



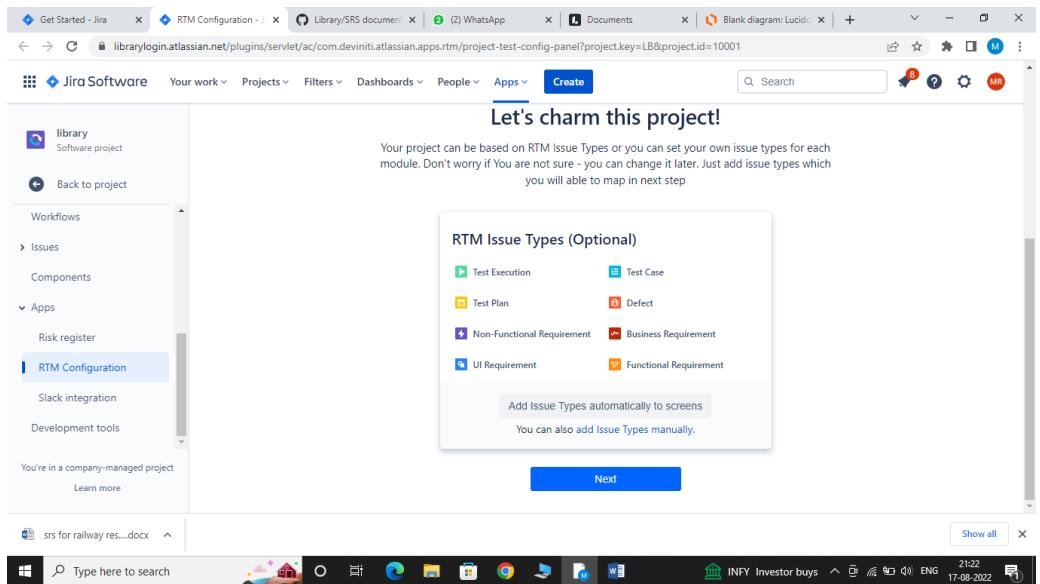
- Go to Apps, Download the Requirements & Test management for Jira.



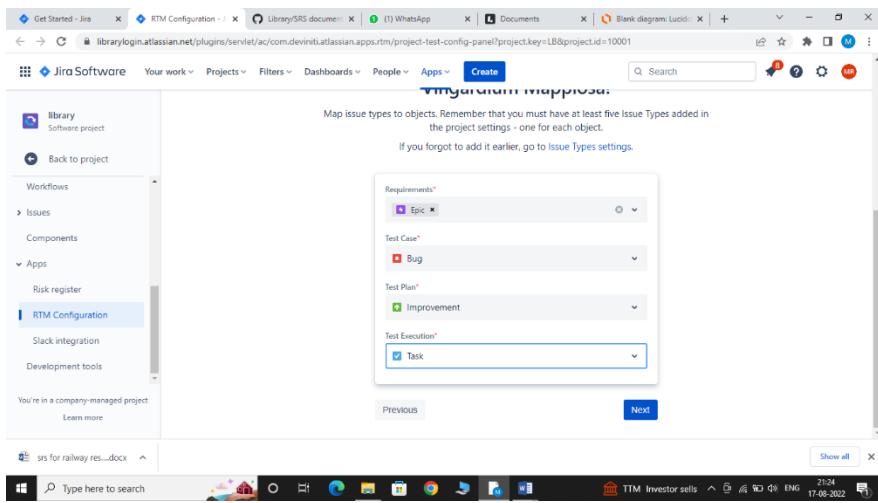
- Select your project.
- Click on Enable.



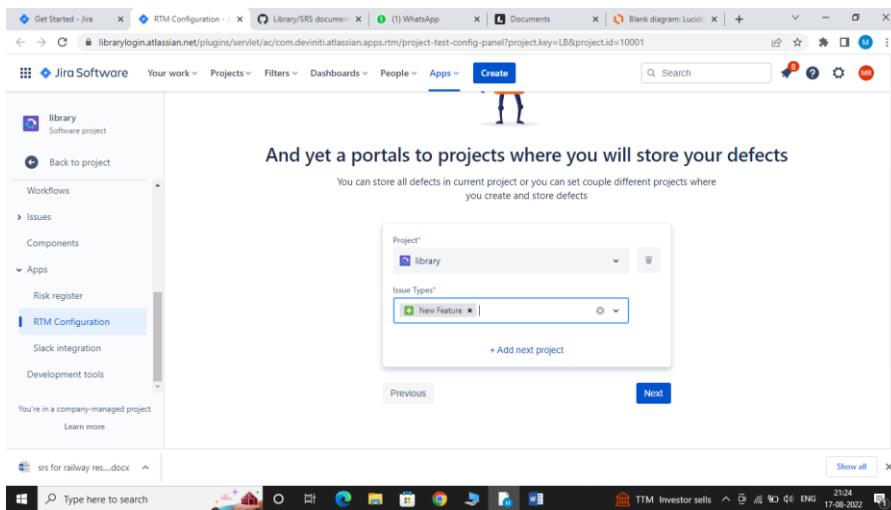
- Click on next



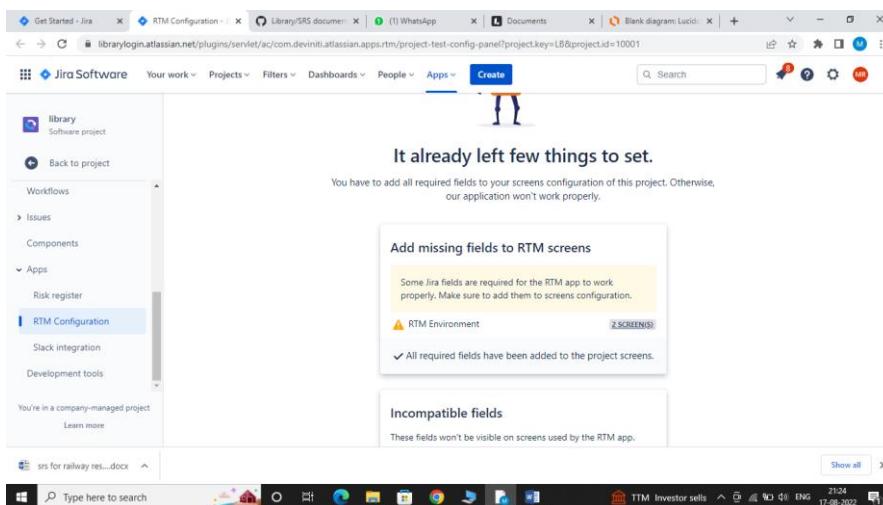
- Select Epic in Requirement.
- Select Bug in Test case.
- Select Improvement in Test plan.
- Select Task in Test Execution.
- Click on Next.



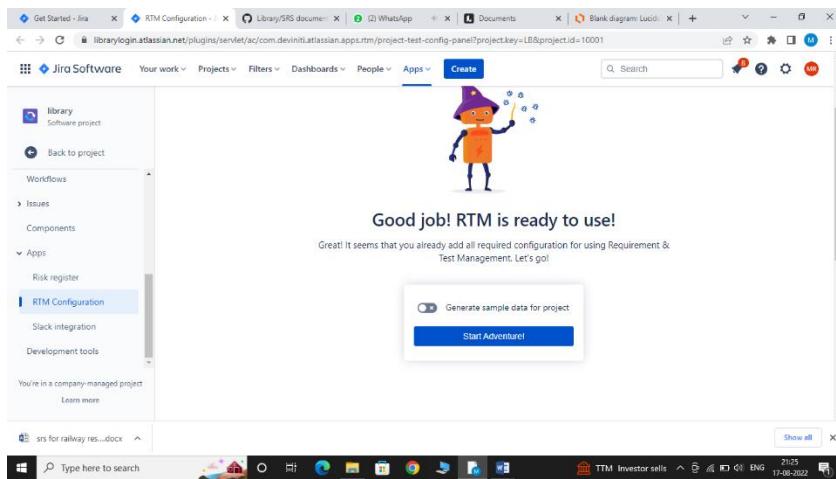
- Select New feature in Issue type.
- Click on next.



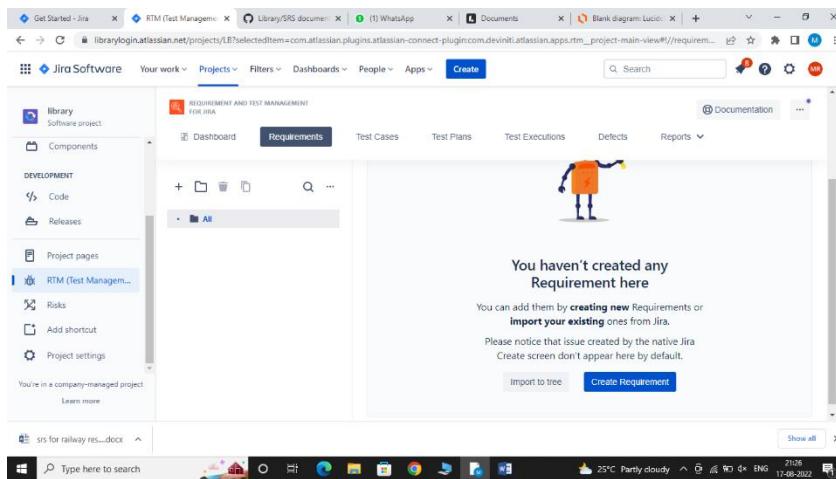
- Click on add automatically.
- Click on next.



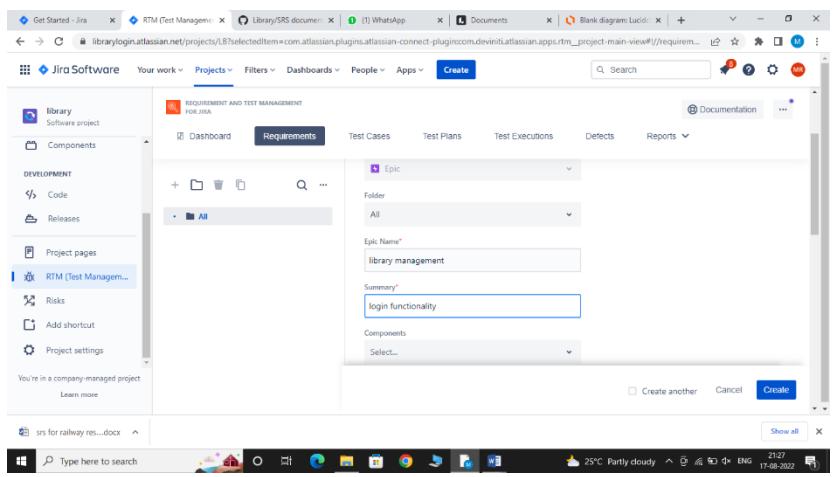
- Click on start Adventure.



- Click on Create Requirement

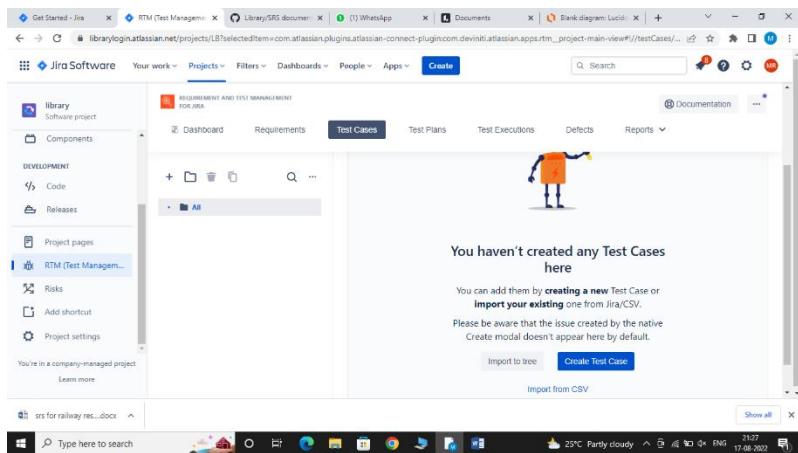


- Enter the Epic name and description.
- Click on Create.

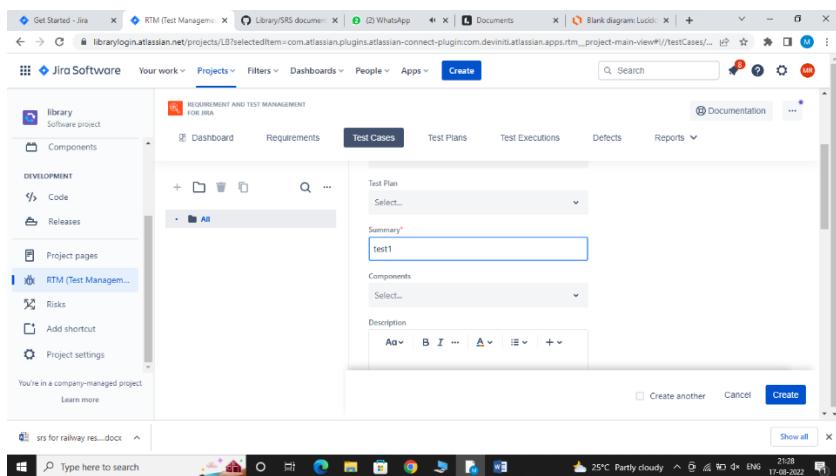


- Your Requirement will be created.

- Go to Test cases.
- Click on Create Test Case.



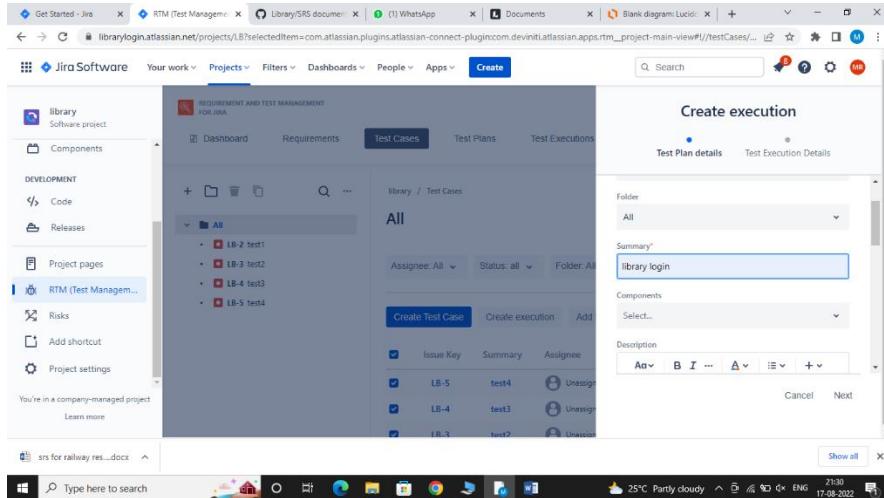
- Enter Summary.
- Click on create.
- Your test case will be created.



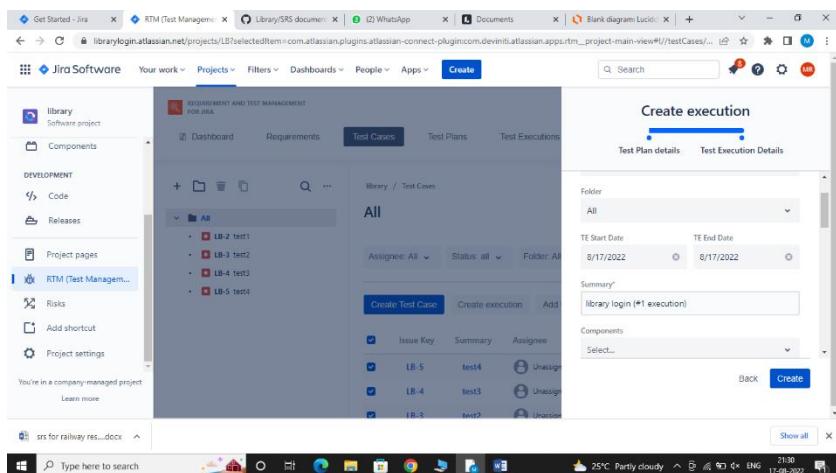
- Create 4 Test cases as below.

Issue Key	Summary	Assignee	Labels	Priority	Fix Version	Status
LB-5	test14	Unassigned	Medium	TO DO		
LB-4	test3	Unassigned	Medium	TO DO		
LB-3	test2	Unassigned	Medium	TO DO		
LB-2	test1	Unassigned	Medium	TO DO		

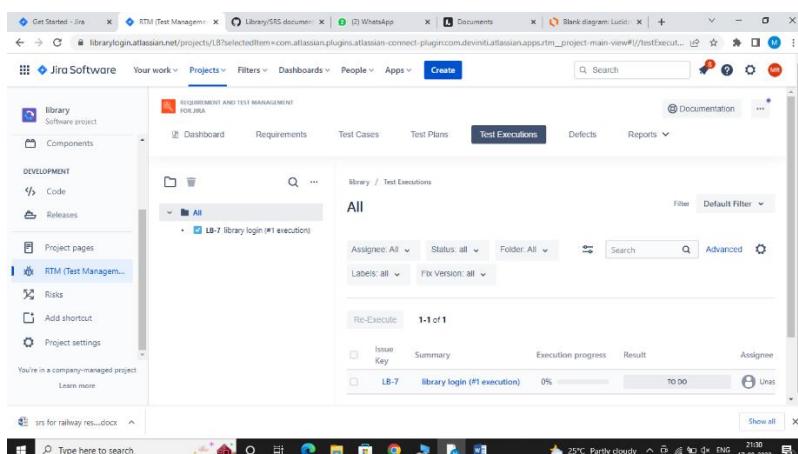
- Select all the Test cases.
- Click on Create Execution.
- Enter the summary.



- Click on create.



- Go to Test Execution.
- Click on the Issue key.



- Select each test case and edit the results.
- Click on save.

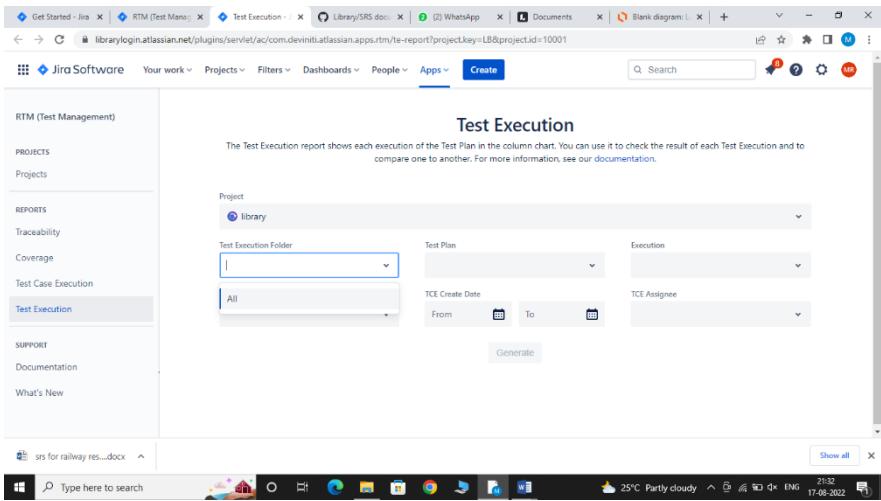
Order	Summary	Priority	Assignee	Result	RTM Environment	Defects
1	test1	Medium	Unassigned	In progress	RTM Environment: all	
2	test2	Medium	Unassigned	In progress	RTM Environment: all	
3	test3	Medium	Unassigned	In progress	RTM Environment: all	
4	test4	Medium	Unassigned	In progress	RTM Environment: all	

Order	Summary	Priority	Assignee	Result	RTM Environment	Defects
1	test1	Medium	Unassigned	In progress	RTM Environment: all	
2	test2	Medium	Unassigned	In progress	RTM Environment: all	
3	test3	Medium	Unassigned	In progress	RTM Environment: all	
4	test4	Medium	Unassigned	In progress	RTM Environment: all	

- Do for all the test cases as below.
- Click on Reports > Test execution.

Order	Summary	Priority	Assignee	Result	RTM Environment	Defects
1	test1	Medium	Unassigned	In progress	RTM Environment: all	
2	test2	Medium	Unassigned	Pass	RTM Environment: all	
3	test3	Medium	Unassigned	Fail	RTM Environment: all	
4	test4	Medium	Unassigned	Blocked	RTM Environment: all	

- Select all in Test Requirement folder.
- Click on generate.



- The Bar graph will be created as below.

