

**Department of Computer Engineering**

**Academic Term: First Term 2023-24**

<b>Practical No:</b>	<b>2</b>
<b>Title:</b>	<b>Implementing Project using SCRUM method on JIRA Tool</b>
<b>Date of Performance:</b>	1/8/2023
<b>Roll No:</b>	9636
<b>Team Members:</b>	Ricky Rodrigues, Joel Verghese, Cloyster Dsouza

**Rubrics for Evaluation:**

<b>Sr. No</b>	<b>Performance Indicator</b>	<b>Excellent</b>	<b>Good</b>	<b>Below Average</b>	<b>Total Score</b>
1	On time Completion & Submission (01)	01 (On Time )	NA	00 (Not on Time)	
2	Theory Understanding(02)	02(Correct )	NA	01 (Tried)	
3	Content Quality (03)	03(All used)	02 (Partial)	01 (rarely followed)	
4	Post Lab Questions (04)	04(done well)	3 (Partially Correct)	2(submitted)	

**Signature of the Teacher:**

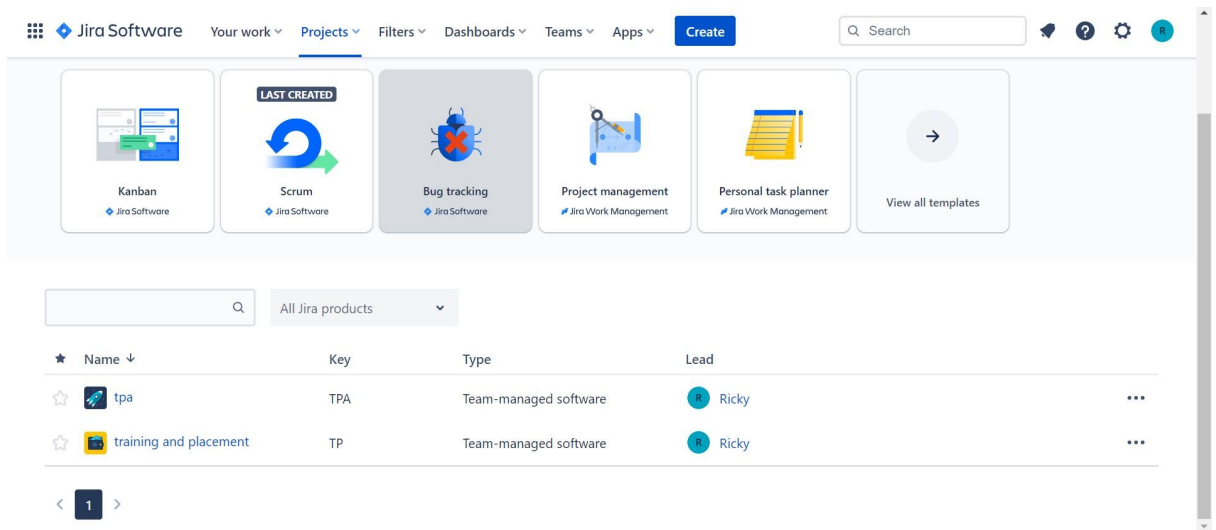
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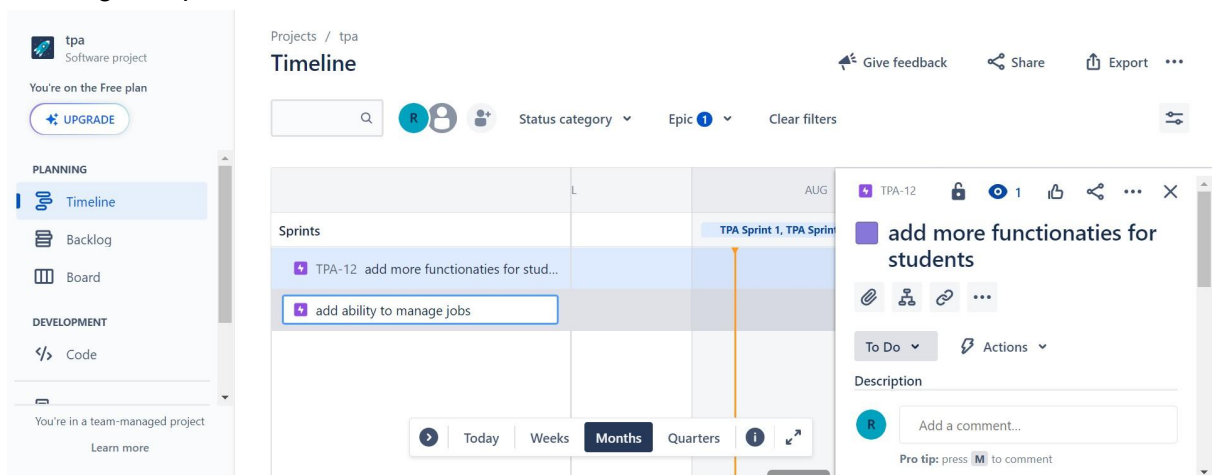
**Class: T.E /Computer Sem – V / Software Engineering**

**Signature of the Teacher:**

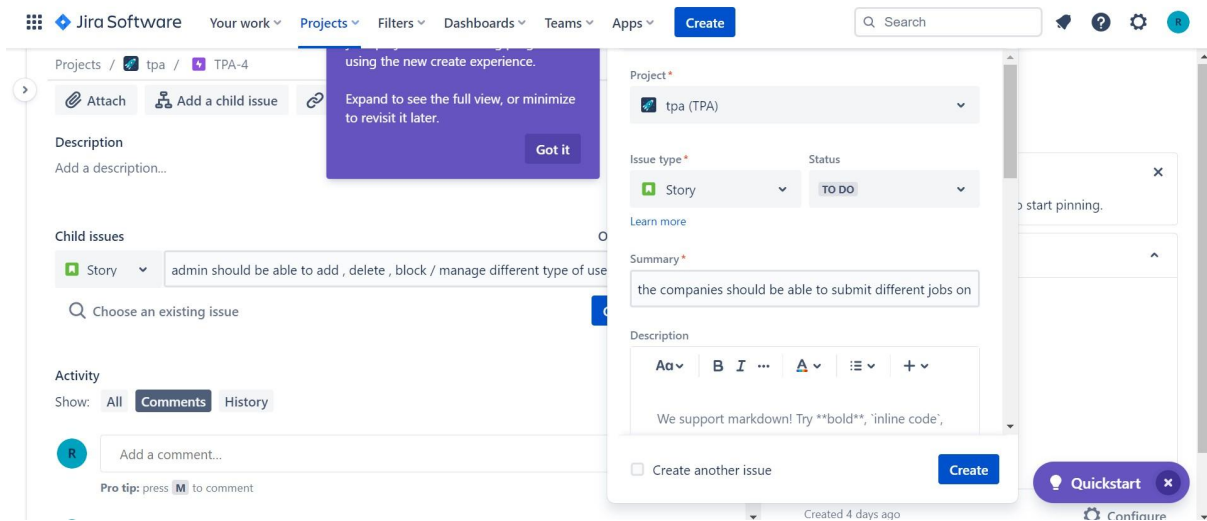
## 1. Create a project



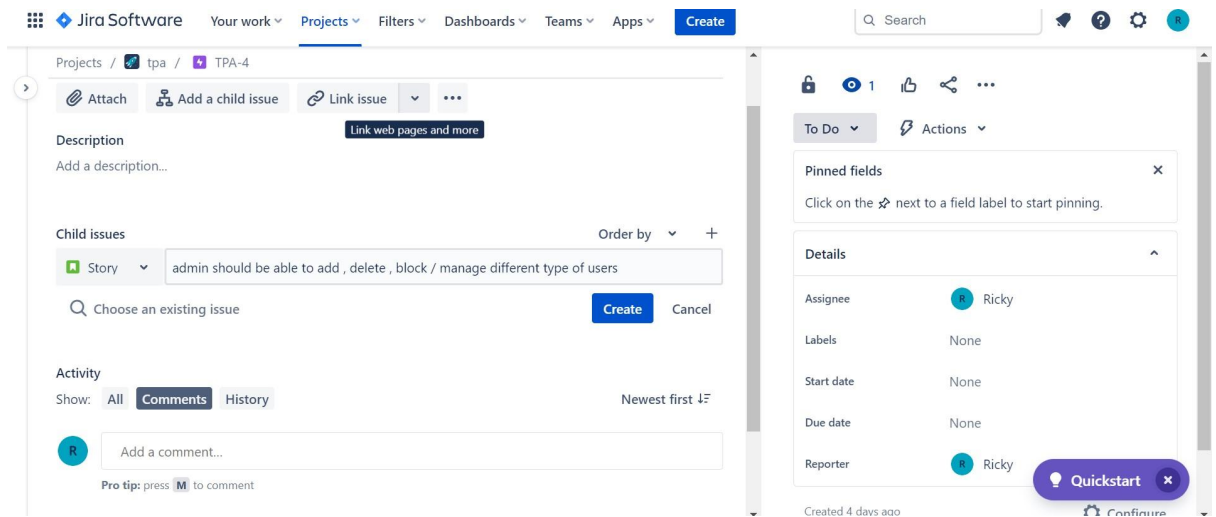
## 2. Creating an Epic



### 3. Creating a story



### 4. Assigning a subtask



### 5. Sprint

Jira Software Your work Projects Filters Dashboards Teams Apps Create

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### TPA Sprint 3

solve the faced bugs

17 days remaining Complete sprint

GROUP BY None Insights

TO DO

IN PROGRESS

DONE 1 ✓  
implement multiuser authentication  
MULTI USER AUTHENTICATION  
TPA-10 ✓

Quickstart

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### Backlog

Timeline Backlog Board Code

TPA Sprint 3 2 Aug – 30 Aug (1 issue) Complete sprint  
solve the faced bugs  
TPA-10 implement multiuser authentication MULTI USER AUTHENTICATION DONE ✓

TPA Sprint 4 Add dates (1 issue) Start sprint  
TPA-11 solve the issues with admin previkliges MULTI USER AUTHENTICATION TO DO

Quickstart

Postlabs:

**a) Assessing the effectiveness of the Scrum framework for managing software development projects compared to traditional project management methodologies**

Scrum is an agile project management framework that is increasingly popular for managing software development projects. It is based on the idea of breaking down projects into small, iterative sprints, and then delivering working software at the end of each sprint. This allows teams to be more flexible and responsive to change, and it also helps to ensure that the project stays on track.

Traditional project management methodologies, on the other hand, are often more rigid and waterfall-based. This means that they require a lot of upfront planning, and it can be difficult to make changes to the project once it has started.

There is a lot of evidence to suggest that Scrum is more effective than traditional project management methodologies for managing software development projects. For example, a study by Standish Group found that Scrum projects were 35% more likely to be successful than traditional projects.

**b) Analysing a Sprint Backlog in JIRA and identifying any potential bottlenecks or issues that might hinder the team's progress during the sprint**

A Sprint Backlog is a list of all the tasks that need to be completed in a sprint. It is created by the development team at the beginning of the sprint, and it is used to track the team's progress throughout the sprint.

To analyse a Sprint Backlog, you can use the following steps:

1. Identify the most important tasks in the backlog.
2. Estimate the amount of time it will take to complete each task.
3. Identify any dependencies between tasks.
4. Identify any potential bottlenecks or issues that might hinder the team's progress.

Once you have analysed the Sprint Backlog, you can use this information to create a plan for how the team will complete the tasks in the backlog. You can also use this information to identify any potential risks to the project, and to put in place mitigation strategies.

**c) Evaluating the role of the Scrum Master in handling conflicts within the development team and resolving impediments to maintain a smooth project flow**

**The Scrum Master is a facilitator who helps the development team to follow the Scrum framework. They also help to resolve conflicts within the team, and to remove any impediments that might be hindering the team's progress.**

**The Scrum Master plays a vital role in ensuring that the project flows smoothly. They do this by:**

- **Ensuring that the team understands the Scrum framework and how to use it.**
- **Helping the team to resolve conflicts.**
- **Removing any impediments that might be hindering the team's progress.**
- **Coaching the team on how to improve their communication and collaboration skills.**

**The Scrum Master is a key figure in any Scrum project, and their role is essential to the success of the project.**