

Department of Computer Engineering

Academic Term: First Term 2023-24

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

Practical No:	2
Title:	Implementing Project using SCRUM method on JIRA Tool
Date of Performance:	
Roll No:	9567, 9552
Team Members:	Shruti Patil , Mrunal Kotambkar

Rubrics for Evaluation:

Sr. No	Performance Indicator	Excellent	Good	Below Average	Total Score
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)	
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Signature of the Teacher:

Department of Computer Engineering

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Signature of the Teacher:

Sprints

Board

← → ↻ mrukatllassian.net/jira/software/projects/WST/boards/6/backlog?epics=visible

Jira Software Your work Projects Filters Dashboards Teams Apps Create

Search

Projects / Ewaste

Backlog

Issues without epic

- > Login_Page
- > Index_page
- > Drives
- > Request_pickup

+ Create epic

Epic

WST-3 Donate IN PROGRESS

WST-4 Sell TO DO

WST-5 Purchase DONE

WST-6 TroubleShootingVideo TO DO

WST-7 Information_about_site TO DO

WST-9 Online/offline meet TO DO

WST-10 Score TO DO

WST-11 Upload_image TO DO

WST-17 Upload_image_with_location TO DO

WST-18 Request_companies TO DO

Complete sprint

Backlog

Epic

Issues without epic

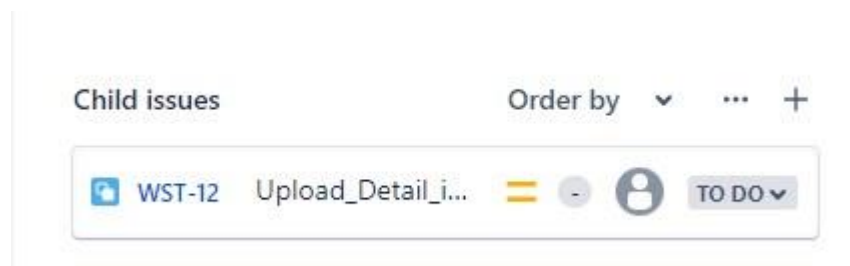
- > Login_Page
- > Index_page
- > Drives
- > Request_pickup

+ Create epic

Epic

WST-3 Donate	IN PROGRESS	P
WST-4 Sell	TO DO	P
WST-5 Purchase	DONE	MK
WST-6 TroubleshootingVideo	TO DO	MK
WST-7 Information_about_site	TO DO	MK
WST-9 Online/offline meet	TO DO	P
WST-10 Score	TO DO	P
WST-11 Upload_image	TO DO	MK
WST-17 Upload_image_with_location	TO DO	
WST-18 Request_companies	TO DO	

Stories



Subtask POSTLAB:

a) Assess the effectiveness of the Scrum framework for managing software development project compared to traditional project management methodologies?

Sol:- The main difference between scrum and traditional project management methodologies can be summed up as fixed scope vs. iterative decision making. Classic project management calls for project managers to look at the development as a whole whereas Scrum has no problem dividing it up into segments. Unlike classic project management methods, Scrum focuses more on personal responsibility.

Scrum Framework	management	Traditional Project Management	Emphasizes flexibility and adaptability
			Emphasizes planning and predictability
			Prioritizes customer satisfaction and working software
			Prioritizes following a strict plan and meeting project requirements
			Linear
			Iterative
			Large-scale
			Small and Medium scale
			Life cycle model
			Evolutionary delivery model
			Self-organizing teams
			Hierarchically organized teams
			Cross-functional teams
			Functionally divided teams

Analyse a Sprint Backlog in JIRA and identify any potential bottlenecks or issues that might hinder the team's progress during the sprint?

Sol:- The backlog of a Scrum board shows the issues for your project grouped into a backlog and sprints. In the Scrum backlog, you can create and update issues, drag and drop issues

to rank them, or assign them to sprints, epics, or versions, manage epics, and more. You'd typically use the Scrum backlog when building a backlog of issues, planning a new version, and planning a sprint. An issue will only be visible in the Scrum backlog if: 1. the issue isn't a subtask, 2. the issue matches the board's saved filter, 3. the issue's status maps to one of the board's columns (but not the Done column), and 4. there's at least a status being mapped to the right-most column. For example, if you have the columns To Do, In Progress, and Done, ensure that you have a status mapped to In Progress at least. If you map all the statuses to the first (To Do) column, you won't see any issues in the Scrum backlog.

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

Sol:- A Scrum Master (Scrum Master), popularly known as the “servant leader” is a coach, motivator and leader of an Agile team. The role of a Scrum Master is to educate the team on Agile processes and help team members follow Scrum practices religiously. A good Scrum Master helps to establish a highperforming team dynamic, a continuous flow, and an exponential improvement in processes. They are required to play a pivotal role and are responsible for the progressive development of a Scrum team. The Scrum Master collaborates both with the Product Owner (PO) who focuses on building the right product, and the development team that focuses on building the product right. A Scrum Master's job is essentially to help everyone understand and imbibe Scrum values, principles, and practices and get the best product out to the customer. To facilitate conflict management in Scrum teams, Scrum masters can create and maintain a safe and positive team environment, model and promote behaviors and attitudes that foster constructive conflict, educate and empower the team to prevent, minimize, and resolve conflict, mediate and facilitate the conflict resolution process when needed, provide feedback and guidance to the team and the individuals on how to improve their conflict management skills, and encourage and support the team to leverage conflict for improvement.