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

Practical No:	2
Title:	Implementing Project using SCRUM method on JIRA Tool
Date of Performance:	31st July 2023
Roll No:	9539
Team Members:	Crystal, Sanika R, Sanika P, Janice, Sania

Rubrics for Evaluation:

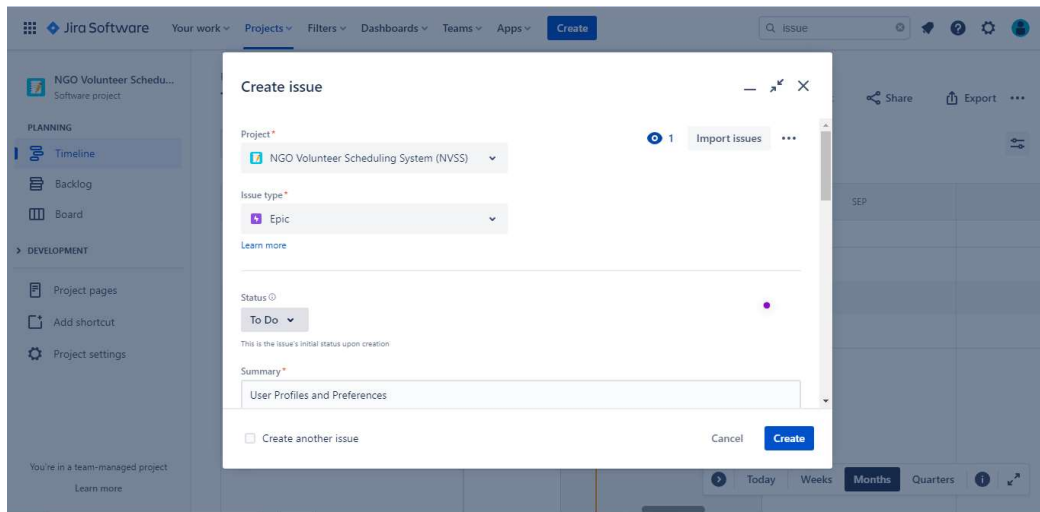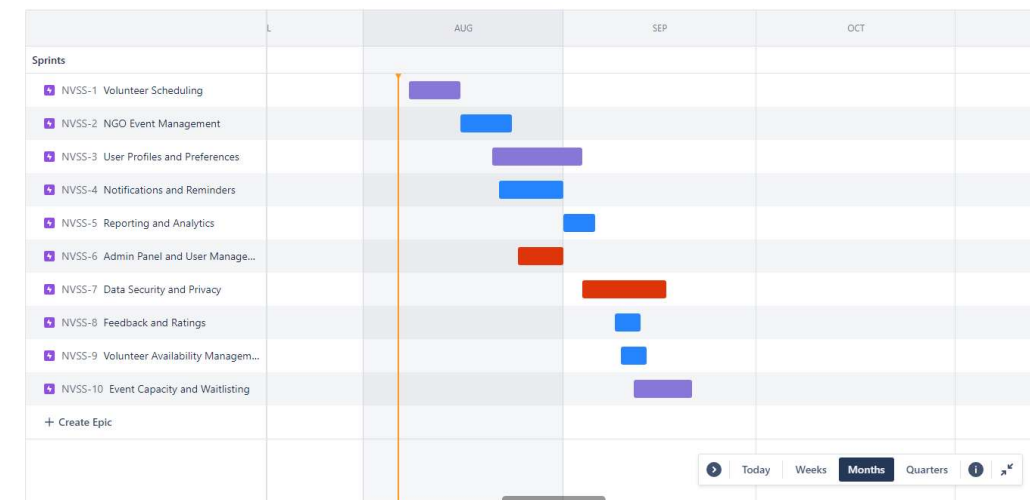| Sr. No	Performance Indicator	Excellent	Good	Below Average	Total Score
1	On time Completion & Submission (01)	01 (On Time)	NA	00 (Not on Time)	
2	Theory Understanding(02)	02(Correct)	NA	01 (Tried)	
3	Content Quality (03)	03(All used)	02 (Partial)	01 (rarely followed)	
4	Post Lab Questions (04)	04(done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

Signature of the Teacher:

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

Signature of the Teacher:

CREATING AN EPIC

VIEWING ALL EPICS CREATED

CREATING STORIES

VIEWING ALL STORIES

CREATING A BUG

VIEWING BUGS

STARTING A SPRINT

VIEWING ALL SPRINTS
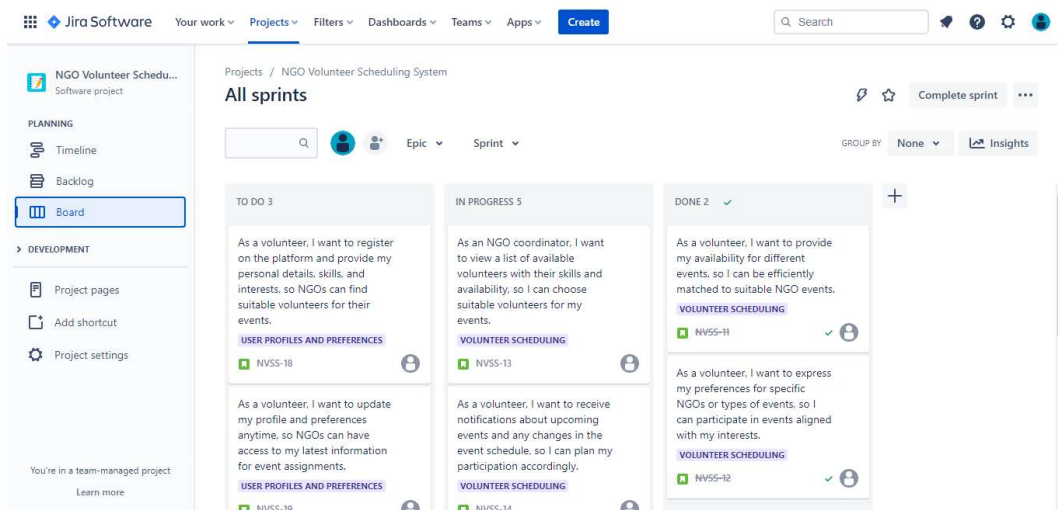
ADDING AS ADMINISTRATOR

ON COMPLETING NEW SPRINTS

CREATING A SAMPLE TASK
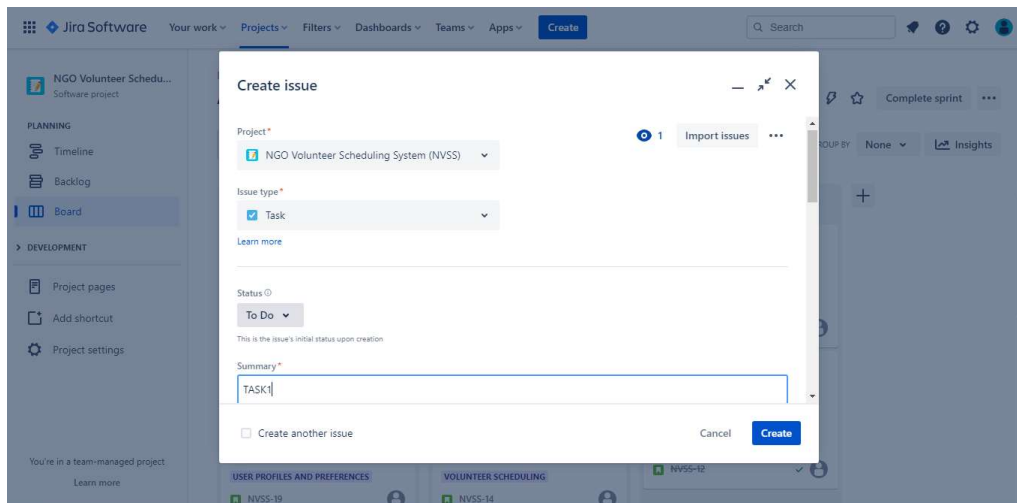
VIEWING ALL ISSUES
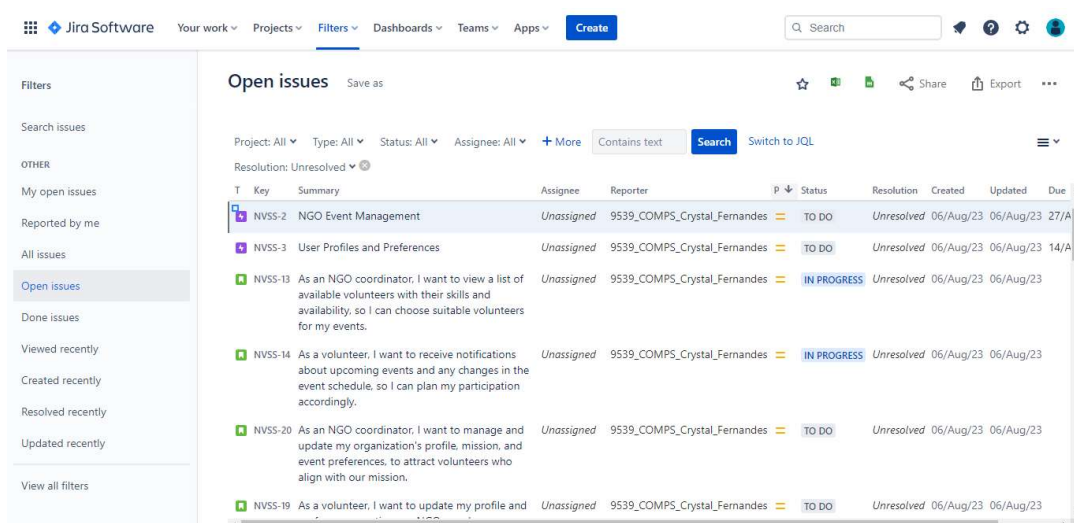
POSTLAB

a) Assessing the effectiveness of the Scrum framework:

Scrum Pros:
- Iterative and incremental development approach allows for flexibility and adaptability to changing requirements.
- Regular feedback loops during Sprint Reviews and Retrospectives enable continuous improvement.
- Emphasis on self-organizing teams promotes ownership and accountability.
- Clear roles (Product Owner, Scrum Master, Development Team) help in better project governance.
- Encourages transparency and visibility into project progress through artifacts like Product Backlog and Burndown Charts.

Scrum Cons:
- May not be suitable for projects with fixed scope and strict deadlines.
- High reliance on team collaboration may pose challenges when team members are distributed or unavailable.
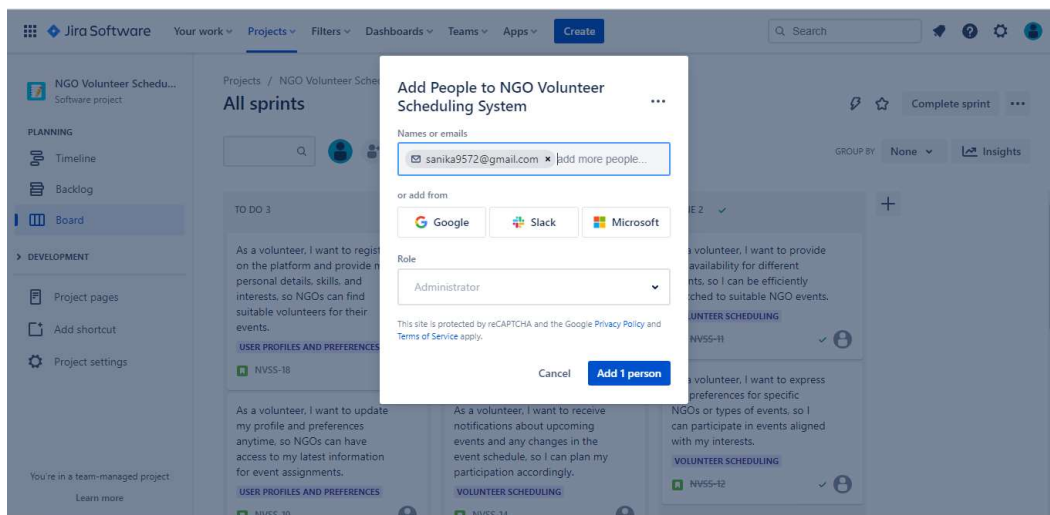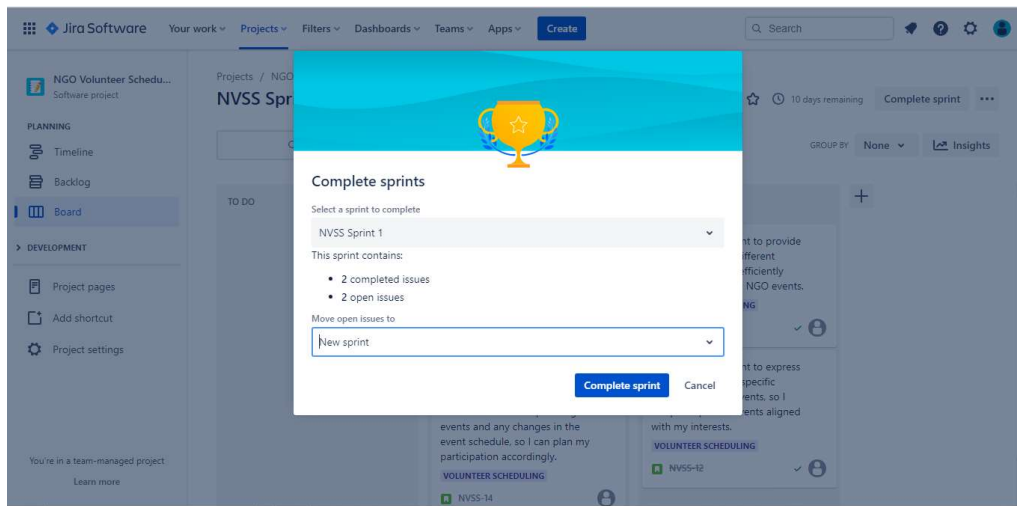- Continuous client involvement and feedback may be demanding for clients with limited availability.
- Documentation might be limited, which can be problematic for compliance-heavy industries.
- Success highly depends on the experience and commitment of the team.

b) Analyzing a Sprint Backlog in JIRA:

- Identify tasks with long duration or high complexity, as they might cause delays during the Sprint.
- Check for dependencies between tasks, as any blockage can slow down progress.
- Look for tasks with multiple assignees or unclear ownership, which may lead to confusion.
- Evaluate if there are any unanticipated external dependencies or resource constraints affecting the Sprint.
- Review the completeness and clarity of task descriptions to avoid misunderstandings and rework.

c) Evaluating the role of the Scrum Master:

- Conflict Resolution: Scrum Master facilitates open communication, encouraging team members to address conflicts constructively. They may conduct team-building exercises or mediate discussions to find resolutions.
- Impediment Removal: Scrum Master identifies obstacles that hinder progress and collaborates with the team to remove them. They may escalate unresolved issues to higher management if needed.
- Servant Leadership: Scrum Master ensures that the team has the resources, environment, and support they need to succeed. They lead by example, promoting the Scrum values and principles.

- Coaching and Guidance: Scrum Master provides coaching and mentoring to team members, Product Owner, and stakeholders, helping them understand and adopt Scrum practices effectively.
- Process Improvement: Scrum Master facilitates retrospectives to analyze past performance and drive continuous improvement. They experiment with process changes to enhance productivity and team morale.