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:	9563
Team Members:	Sanika Patankar, Lisa Gonsalves, Eden Evelyn Charles

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)	01 (All used)	02 (Partial)	03 (Rarely allowed)	
4	Post Lab Questions (04)	04 (Done Well)	03 (Partially Correct)	02 (Submitted)	

Signature of the Teacher:

Sanika Patankar
9563
TE COMPS B

SE EXP 2: SCRUM METHOD IN JIRA
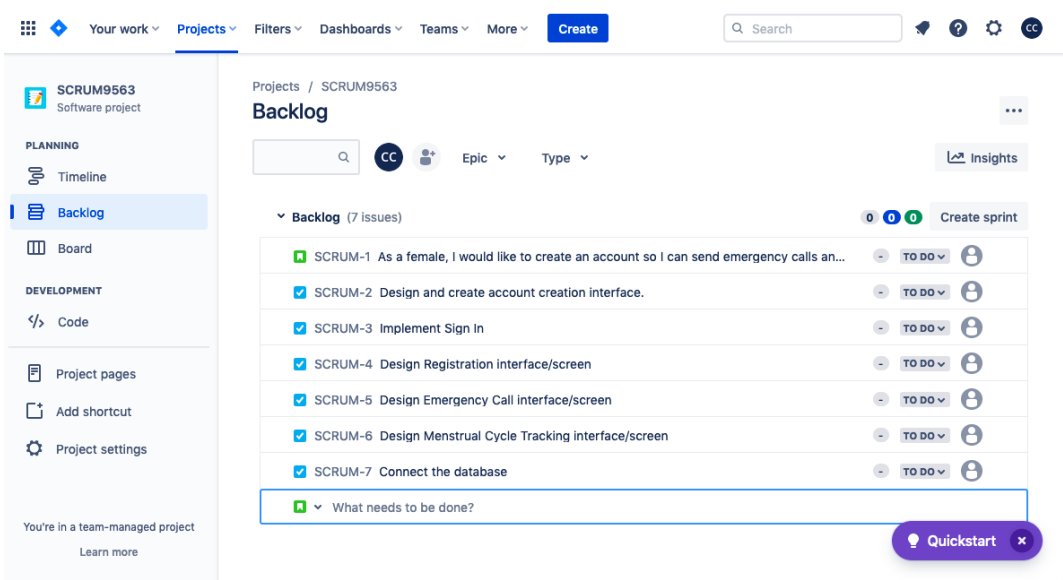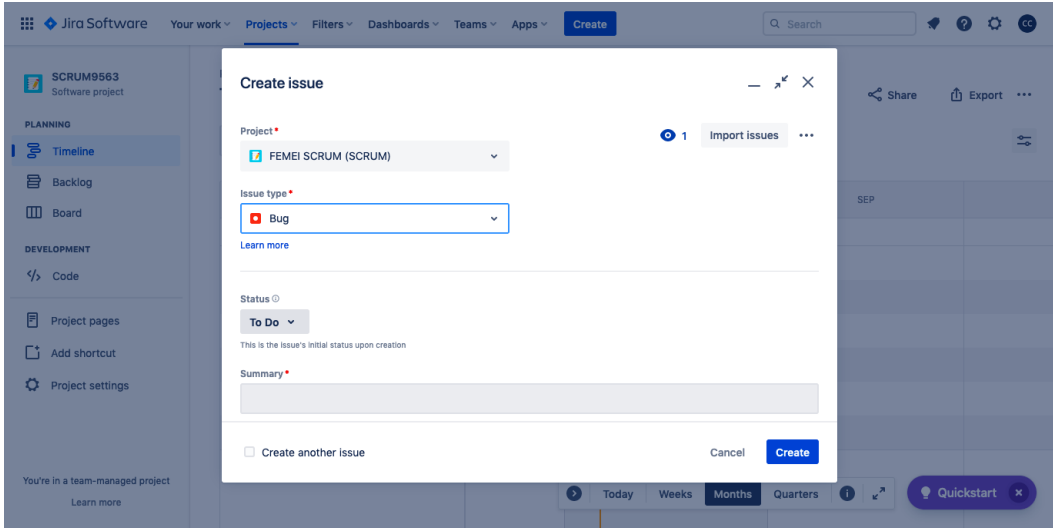
CREATING AN EPIC
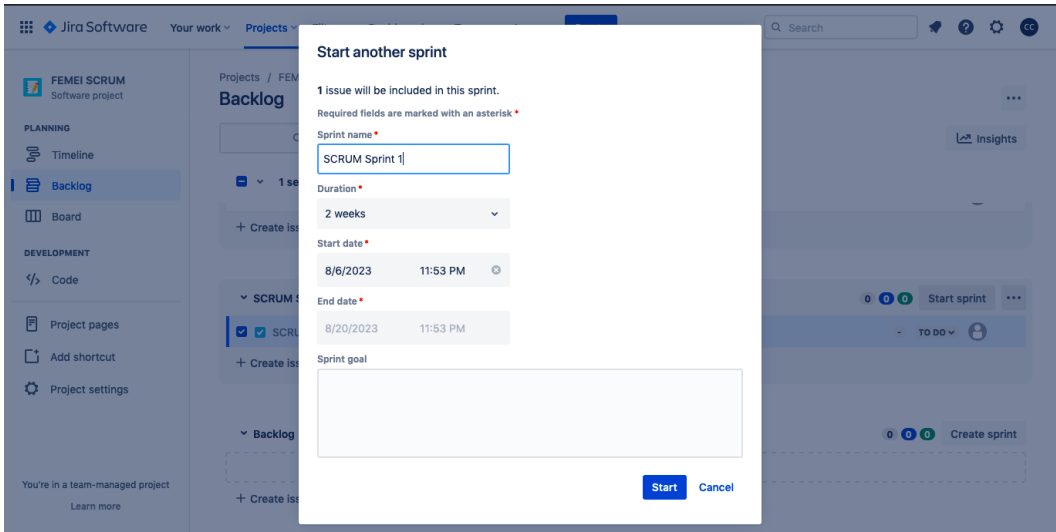

VIEWING ALL EPICS CREATED
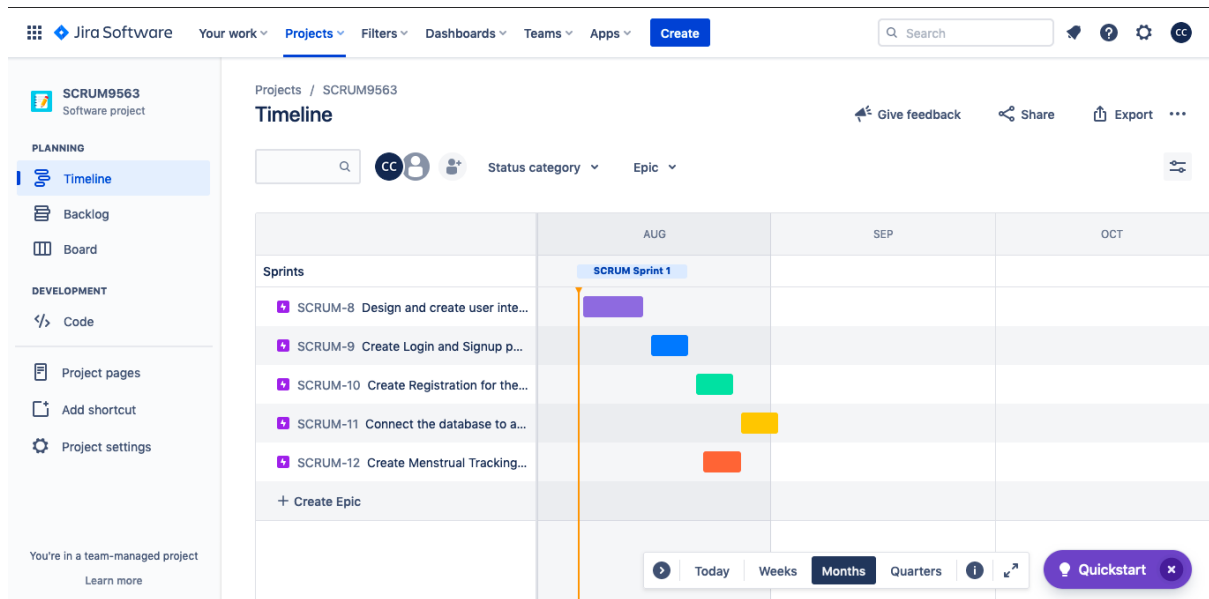
CREATING STORIES
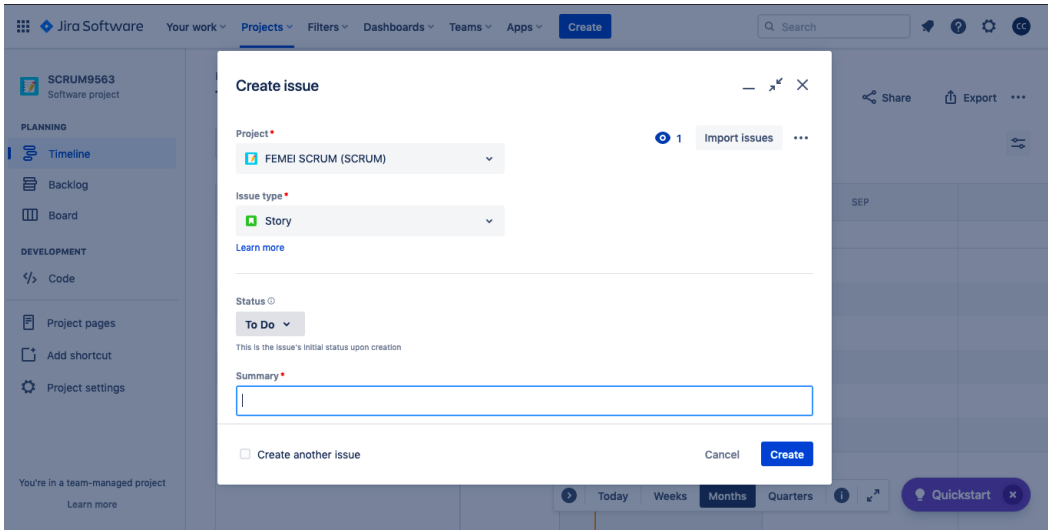
VIEWING ALL STORIES AND TASKS FROM BACKLOGS
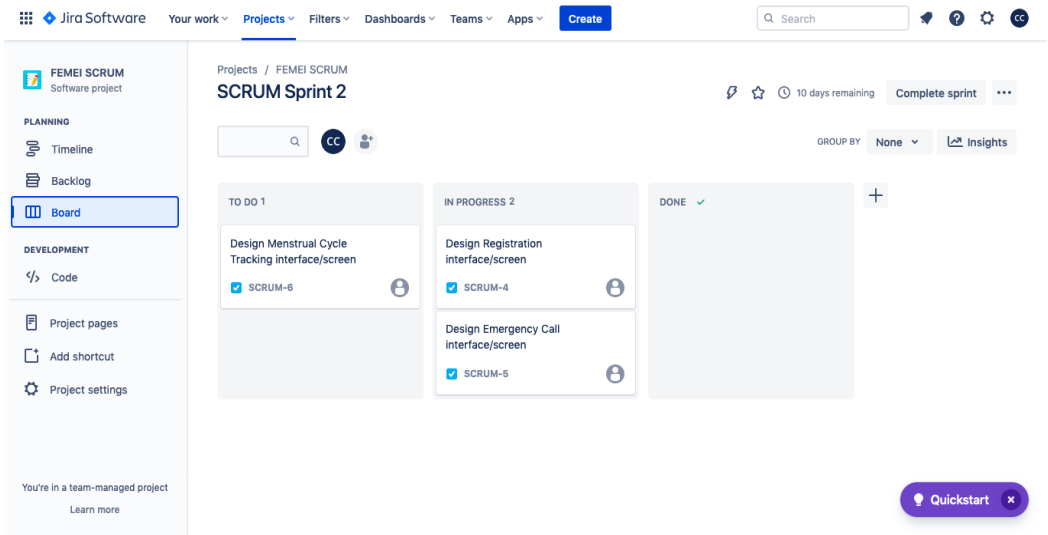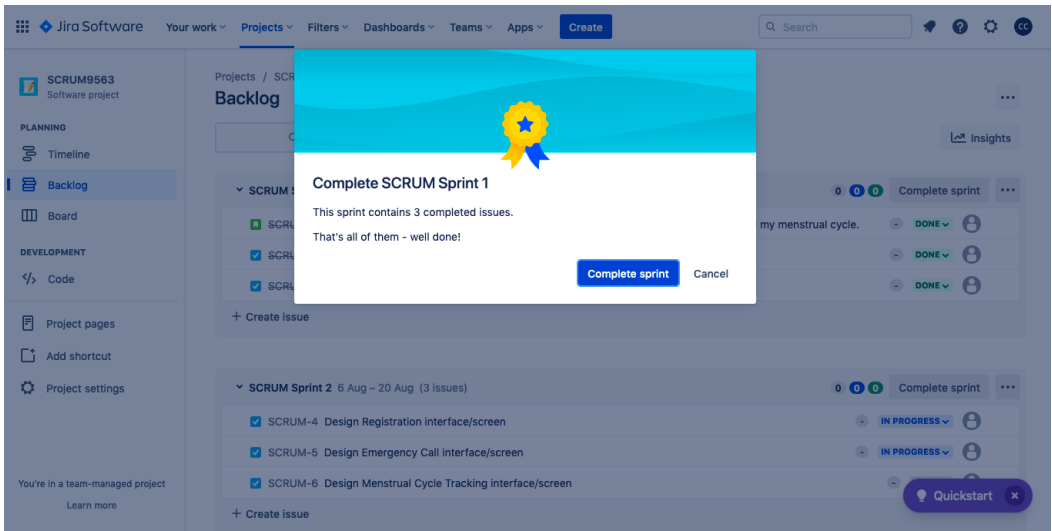

CREATING A BUG

STARTING A SPRINT

VIEWING ALL SPRINTS

ON COMPLETING NEW SPRINTS

CREATING A SAMPLE TASK
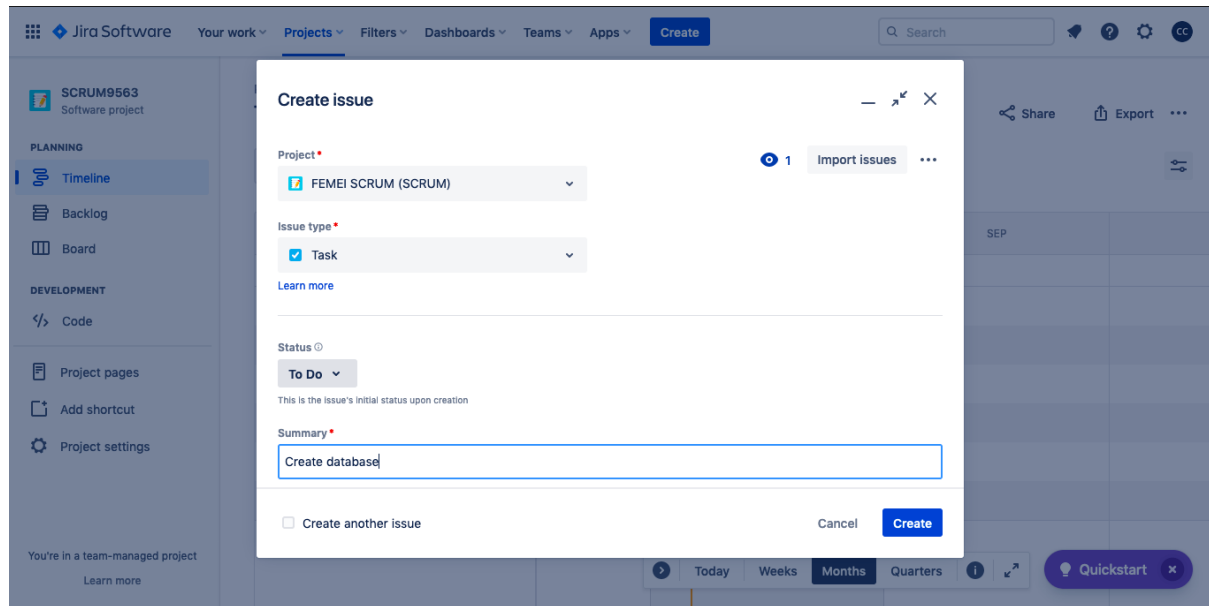
VIEWING ALL ISSUES
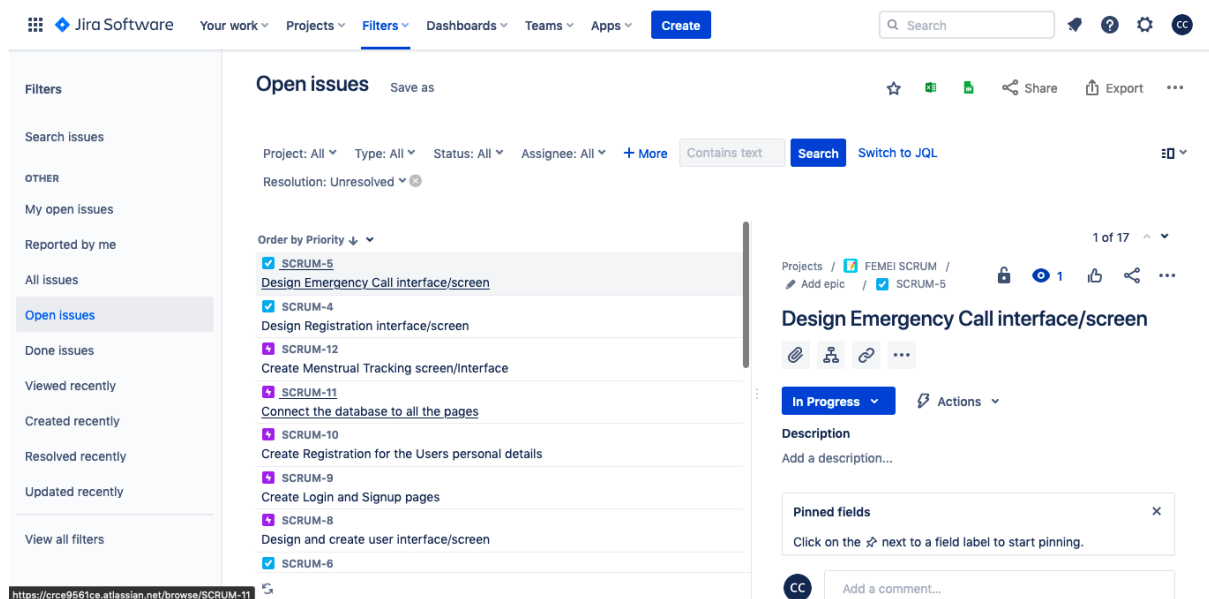
POSTLABS

1. Assessing the effectiveness of the Scrum framework:

Pros of Scrum:

- A flexible and adaptable approach that allows for iterative and incremental development is possible.
- Continuous improvement is made possible by frequent feedback loops during sprint reviews and retrospectives.
- Emphasis on self-organising teams encourages accountability and ownership.
- The Product Owner, Scrum Master, and Development Team have defined roles that aid in better project governance.

- encourages openness and visibility into how projects are progressing through the use of artefacts like Burndown Charts and Product Backlog.

Cons of Scrum

- Projects with a set scope and strict deadlines might not be a good fit.
- When team members are dispersed or unavailable, a high reliance on team collaboration may present problems.
- Clients with limited availability may find it difficult to maintain constant client involvement and feedback.
- Limited documentation could be a problem for industries that place a high priority on compliance.
- Success is highly dependent on the background and dedication of the team.

2. **Analysing 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.

3. **Evaluating the role of the Scrum Master:**
   - Conflict Resolution: The scrum master encourages team members to resolve disputes amicably by fostering open communication. They might lead team-building activities or mediate discussions to reach agreements.
   - Impediment Removal: The Scrum Master locates roadblocks to progress and works with the team to get rid of them. If necessary, they can take unresolved problems to higher management.
   - Servant Leadership: The scrum master makes sure that the team has the tools, setting, and assistance they require to be successful. They set the bar high by modelling the Scrum values and tenets.