# EXP 2: Implement Given problem statement using SCRUM method on JIRA Tool

## Define Acceptance Criteria in JIRA:

1. For each user story or requirement, list acceptance criteria in the description field or add them as a checklist within the user story ticket in JIRA. This ensures that the development team knows exactly what is required for the story to be complete.
2. Examples:
   - Example 1: "As a user, I can create a new course without any conflicts."
   - Example 2: "As an admin, I can view a summary report of courses scheduled per semester."

### Manage Acceptance Criteria:

1. Use JIRA Custom Fields or Acceptance Criteria templates within each story to ensure criteria are organized consistently across all stories.
2. Assign statuses (e.g., "In Progress," "Done," "Not Met") to each acceptance criterion to track its completion status.

### Tracking Acceptance Criteria:

1. Use JIRA Status Fields: Track the status of each acceptance criterion to monitor whether it's met. For example, use statuses like "Not Met," "In Progress," and "Met" within each story or requirement.
2. Create Filters or Dashboards: Set up custom filters or dashboards that show the status of acceptance criteria across all stories or requirements.
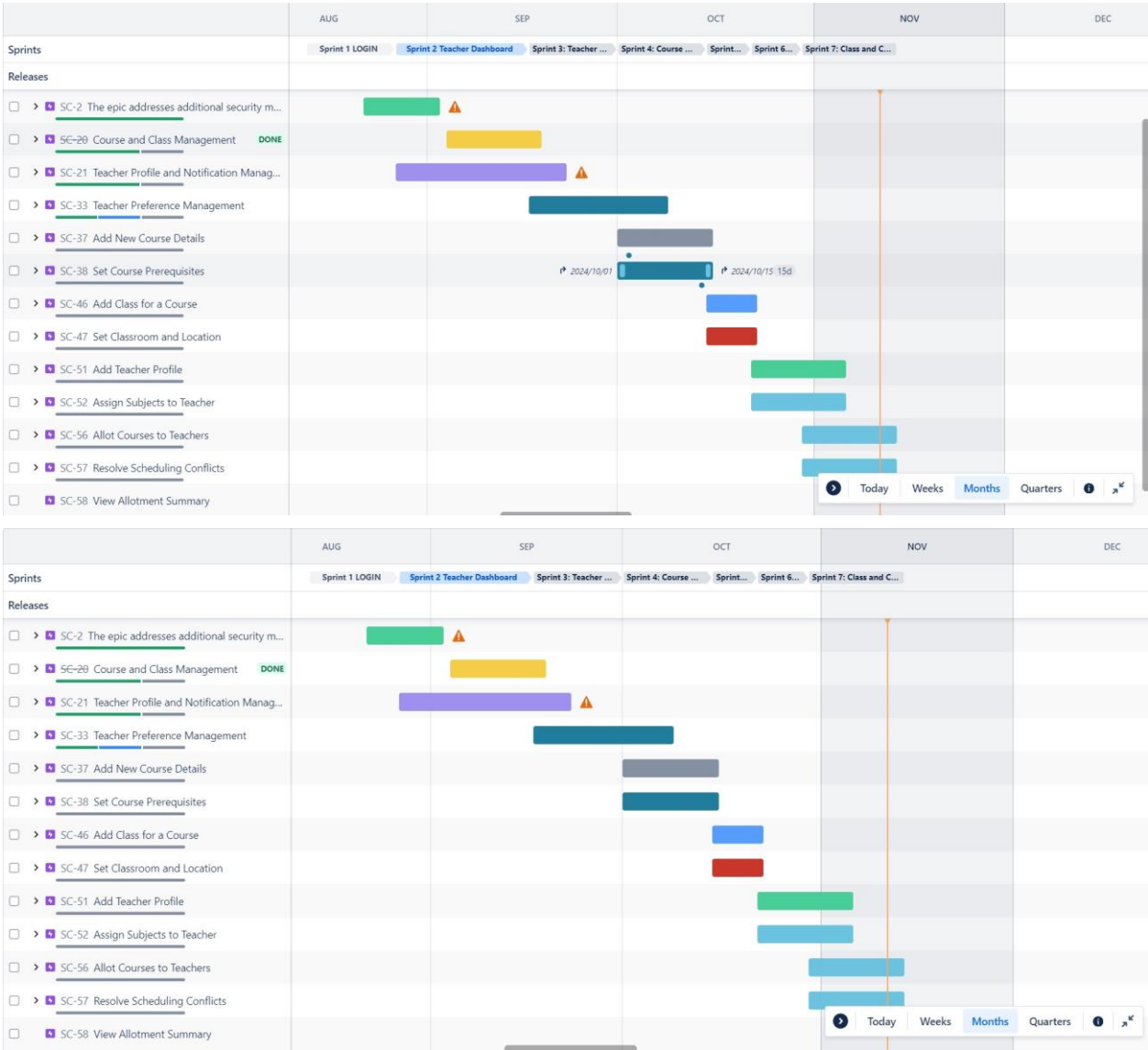
### Organizing Test Cases to Ensure Alignment:

1. Organize Test Cases Under Each Story or Requirement: Create sub-tasks for test cases under each user story or requirement, or link them as related issues in JIRA.

### Quality Assurance Approach:

1. Use JIRA Workflows to Track Progress: Customize JIRA Workflows to track the lifecycle of test cases and user stories, moving them through statuses like "Open," "In Progress," "Ready for Testing," and "Done" (or "Accepted").

# SCRUM



| | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|
| Sprints | Sprint 1 LOGIN | Sprint 2 Teacher Dashboard | Sprint 3: Teacher ... | Sprint 4: Course ... | Sprint... | Sprint 6... | Sprint 7: Class and C... |
| Releases | | | | | |
| SC-2 The epic addresses additional security m... | | | | | |
| SC-20 Course and Class Management DONE | | | | | |
| SC-21 Teacher Profile and Notification Manag... | | | | | |
| SC-33 Teacher Preference Management | | | | | |
| SC-37 Add New Course Details | | | | | |
| SC-38 Set Course Prerequisites | 2024/10/01 | 2024/10/15 15d | | | |
| SC-46 Add Class for a Course | | | | | |
| SC-47 Set Classroom and Location | | | | | |
| SC-51 Add Teacher Profile | | | | | |
| SC-52 Assign Subjects to Teacher | | | | | |
| SC-56 Allot Courses to Teachers | | | | | |
| SC-57 Resolve Scheduling Conflicts | | | | | |
| SC-58 View Allotment Summary | | | | | |



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## Sprint 2 Teacher Dashboard

Build a functional and user-friendly Teacher Dashboard that allows teachers to efficiently view and manage their assigned courses, classes, and profile, while also keeping them informed of updates with real-time no...

🔍 Search | 👤👤👤👤 C 👥 | Epic ˅ | Type ˅ | Quick filters ˅ | GROUP BY Stories ˅ | 📈 Insights | ⇄ View settings

| TO DO 13 | IN PROGRESS 7 | DONE 9 |
|---|---|---|

˅ ⬚ SC-22 View Assigned Courses and Classes: (2 subtasks) COURSE AND CLASS MANAGEMENT IN PROGRESS 👤

| Integrate Database Connection for Course and Class Data: Connect to the database to retrieve assigned courses and classes for the logged-in teacher, ensuring real-time data fetching and... <br> ⬚ SC-28  = 👤 | Design and implement the layout for displaying courses and classes. <br> ⬚ SC-27  = 👤 | |
| + Create issue | | |

˅ ⬚ SC-23 View and Update Profile Information: (2 subtasks) TEACHER PROFILE AND NOTIFICAT... TO DO

| Create Profile Information Display Section: Design a section on the dashboard where teachers can view their profile information, such as name, contact details, and other relevant data. <br> ⬚ SC-31  = 👤 | | Implement Edit and Save Functionality for Profile: Add an "Edit" button that opens fields for updating profile information, and a "Save" button to commit changes to the database, ensuring... <br> ⬚ SC-32  = 👤 |
| + Create issue | | |

˅ ⬚ SC-26 Update Class and Schedule Information (2 subtasks) COURSE AND CLASS MANAGEMENT TO DO

| Create Save and Sync Functionality for Updates: Implement | Implement Schedule Update Form: Develop a form or modal that | |

## Sprint 1 LOGIN

Implement a comprehensive, secure, and user-friendly login system for the course scheduling platform. This sprint will focus on enabling secure user authentication, role-based access control, password recovery, an...

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| TO DO 10 | IN PROGRESS 4 | DONE 3 |
|---|---|---|

˅ ⬚ SC-4 Role-Based Access Control (3 subtasks) THIS EPIC COVERS ALL THE ESSEN... TO DO 👤

| | | |
| + Create issue | | |

˅ ⬚ SC-5 Password Recovery (4 subtasks) THE EPIC ADDRESSES ADDITIONAL... TO DO 👤

| Implement Password Reset API <br> ⬚ SC-15  = 👤 | Design Reset Password UI <br> ⬚ SC-14  = 👤 | Create a 'Forgot Password' Link <br> ⬚ SC-13  = 👤 |
| Send Password Reset Email <br> ⬚ SC-16  = 👤 | | |
| + Create issue | | |

˅ ⬚ SC-6 Session Management (3 subtasks) THE EPIC ADDRESSES ADDITIONAL... TO DO 👤

| Display Session Expiry Notification <br> ⬚ SC-19  = 👤 | Implement Session Timeout <br> ⬚ SC-17  = 👤 | Add 'Remember Me' Option <br> ⬚ SC-18 |

**0 points done, 27 points to go**

● Remaining work ● Guideline

Your sprint scope has increased by **27 points** ⓘ

| Added | Removed | Modified |
|---|---|---|
| **0** points | **0** points | **+27** points |
| ⬤ 17 issues | ⬤ 0 issues | ⬤ 9 issues |

**Epic progress** ?ⓘ ˅

This sprint is working towards **2 epics**

SC-2 The epic addresses additional security measures, account recovery, and session handling for en... 0% done

SC-1 This epic covers all the essential aspects needed to allow users to log in to the course scheduli... 0% done

💡 Quickstart ✕

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Complete sprint · · ·

Q Search · Epic ∨ · Type ∨ · Quick filters ∨ · GROUP BY Stories ∨ · Insights · View settings

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| SC-15 = | SC-14 = | SC-13 = |
| Send Password Reset Email | | |
| SC-16 = | | |
| + Create issue | | |
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Complete sprint · · ·

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| TO DO 10 | IN PROGRESS 4 | DONE 3 | + |
|---|---|---|---|
| ∨ ⊡ SC-3 User Authentication (3 subtasks) THIS EPIC COVERS ALL THE ESSEN... TO DO | | | |
| Create Login API Endpoint | Design Login UI | | |
| SC-7 = | SC-8 = | | |
| Implement Login Validation on Frontend | | | |
| SC-9 = | | | |
| + Create issue | | | |
| ∨ ⊡ SC-4 Role-Based Access Control (3 subtasks) THIS EPIC COVERS ALL THE ESSEN... TO DO | | | |
| Implement Role-Based Navigation | UI Adjustments for Role Selection | Define User Roles in Database | |
| SC-12 = | SC-11 = | SC-10 = | |
| + Create issue | | | |
| ∨ ⊡ SC-5 Password Recovery (4 subtasks) THE EPIC ADDRESSES ADDITIONAL... TO DO | | | |
| Implement Password Reset API | Design Reset Password UI | Create a 'Forgot Password' Link | Quickstart ✕ |

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