

Jira Software Scrum Practice Lab (Free Version)



Learn how to use Jira Software Cloud (free edition) to manage a Scrum project end-to-end with a practical scenario.



Scenario

Company: EduLearn Pvt Ltd **Project:** "Online Learning Portal"

Goal: Build an online platform where students can register, view courses, and take quizzes.

Team: Product Owner, Scrum Master, 3 Developers, 1 QA

Step 1: Sign up and Create a Jira Software Project

- 1. Go to https://www.atlassian.com/software/jira.
- 2. Sign up with your email (Google signup works well).
- 3. From the dashboard, click **Create Project**.
- 4. Choose Scrum software development → Team-managed project.
 - Name: Online Learning Portal
 - Key: OLP

♦ Step 2: Set Up Project Roles

- In **Project Settings** \rightarrow **People**, invite your team members:
 - o Product Owner (you)
 - Scrum Master
 - o Developers (3)
 - QA (1)



Step 3: Create the Product Backlog

Go to Backlog → click + Create issue. Add Epics and Stories.

Epics

- EPIC-1: User Management
- EPIC-2: Course Management
- EPIC-3: Quiz & Assessment
- EPIC-4: Reports & Analytics

Sample User Stories

For EPIC-1: User Management:

- OLP-1: As a student, I want to register with email/password so I can log in.
- OLP-2: As a student, I want to reset my password so I can recover my account.

For EPIC-2: Course Management:

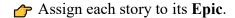
- OLP-3: As an instructor, I want to create a new course so students can enroll.
- OLP-4: As a student, I want to browse available courses so I can select one.

For EPIC-3: Quiz & Assessment:

• OLP-5: As a student, I want to take a quiz so I can test my knowledge.

For EPIC-4: Reports & Analytics:

• OLP-6: As an instructor, I want to view quiz scores so I can track student performance.



♦ Step 4: Define Story Points & Priority

- Open each story \rightarrow **Estimation** \rightarrow enter story points (e.g., 3, 5, 8).
- Set priority: Highest, High, Medium, Low.

Step 5: Create Sprints

1. In Backlog, click Create Sprint.

- o Name: Sprint 1 User Registration
- o Duration: 2 weeks
- 2. Drag stories into Sprint 1: OLP-1, OLP-2.
- 3. Start Sprint \rightarrow set start & end dates.

Step 6: Use the Scrum Board

- Go to **Board** view. You'll see columns:
 - o To Do
 - o In Progress
 - o Done
- Prag and drop tasks as team members work on them.

Step 7: Daily Scrum Practice

- Each day, update Jira tasks:
 - o Developers move tasks from To Do \rightarrow In Progress \rightarrow Done.
 - o Scrum Master checks progress via the board.

Step 8: Track Sprint Progress

- Open Reports \rightarrow select Burndown Chart.
- Check whether tasks are being completed within sprint time.

Step 9: Sprint Review

- At sprint end, demonstrate completed features (e.g., user registration working).
- Mark completed stories as **Done**.

♦ Step 10: Sprint Retrospective

- In Jira (or outside tool like Confluence/Miro), note:
 - What went well
 - Mhat can be improved

Step 11: Repeat with Next Sprint

- Sprint 2: Course Management (OLP-3, OLP-4)
- Sprint 3: Quiz & Assessment (OLP-5)
- Sprint 4: Reports (OLP-6)



✓ Deliverables from the Lab

- **Backlog with Epics & Stories**
- Defined Sprints (2 weeks each)
- Scrum Board tracking progress
- Reports: Burndown & Velocity
- **Completed project in 4 sprints**