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# Jira Software Scrum Practice Lab (Free Version)

## Goal

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

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## 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

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## ◆ 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
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## ◆ Step 2: Set Up Project Roles

- In **Project Settings** → **People**, invite your team members:
    - Product Owner (you)
    - Scrum Master
    - Developers (3)
    - QA (1)
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## ◆ 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.

👉 Assign each story to its **Epic**.

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## ◆ Step 4: Define Story Points & Priority

- Open each story → **Estimation** → enter story points (e.g., 3, 5, 8).
  - Set priority: Highest, High, Medium, Low.
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## ◆ Step 5: Create Sprints

1. In **Backlog**, click **Create Sprint**.

- Name: Sprint 1 - User Registration
    - Duration: 2 weeks
  - 2. Drag stories into Sprint 1: OLP-1, OLP-2.
  - 3. Start Sprint → set start & end dates.
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## ◆ Step 6: Use the Scrum Board

- Go to **Board** view. You'll see columns:
  - **To Do**
  - **In Progress**
  - **Done**

👉 Drag and drop tasks as team members work on them.

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## ◆ Step 7: Daily Scrum Practice

- Each day, update Jira tasks:
    - Developers move tasks from **To Do** → **In Progress** → **Done**.
    - Scrum Master checks progress via the board.
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## ◆ Step 8: Track Sprint Progress


- Open **Reports** → select **Burndown Chart**.
  - Check whether tasks are being completed within sprint time.
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## ◆ Step 9: Sprint Review

- At sprint end, demonstrate completed features (e.g., user registration working).
  - Mark completed stories as **Done**.
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## ◆ Step 10: Sprint Retrospective

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

-  Action items for next sprint
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## ◆ 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)
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## ✓ 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