

Visvesvaraya National Institute of Technology (VNIT), Nagpur
Department of Computer Science and Engineering
V Semester [2025-2026, ODD Semester]
CSP300 - SOFTWARE LAB – III

Assignment-2

Aim: To perform project management using JIRA and implement given python program. Also track python program issues on JIRA.

Deliverables during evaluation with rubrics for lab evaluation:

1. Completely working demonstration of given problem statements.
2. To create a project with a shared configuration.
3. Jira to assign issues, track different kinds of issues, which can represent anything from a software bug, to a project task, or a leave request form. Automated issue assignment rules, write automation rules and perform balanced assignment.
4. Use different features of JIRA like Jira for scrum, Activity Timeline, backlog, sprints, distribute tasks and sub-tasks, CFD, manage issues, use any of the Jira plug-in, and configure Team Field, configure workflow. Also show required reports for test cases on Jira for software testing and file bugs.
5. Show executable python program separately.
6. Come with short summary containing your workflow and analysis of results which will ease evaluation showing. But running execution is must during demonstration.
7. Connect Jira with Github/Jenkins/Trello and track its working with some suitable observations.

Rubrics for the lab evaluation:

Rubric1: Installation of JIRA with project creation

Rubric 2: Configuration of plug-ins and setup

Rubric 3: Executable python program and JIRA with python code

Rubric 4: Jira with Github/Jenkins/Trello

Rubric	Marks	Parameters to check	References shared
Task 1	4	Correctness, Clarity, complete satisfying execution, Viva on basics and complete topic, timely submission.	Installation steps, Recording for installation, references on solved examples, code files, text files with pdf.
Task 2	4		
Task 3	6		
Task 4	6		

Timelines:

Dates	Activity	Time
20/08/2025	Tutorial conducted	3:00pm-4:00pm
01/09/2025	Evaluation Section A	2:00pm-4:00pm
02/09/2025	Evaluation Section B	2:00pm-4:00pm