Product Requirement Document (PRD)

Template Name: Testing the Jira Project Management Tool

Goals and Objectives:

The goal is to rigorously evaluate the usability, functionality, and reliability of Jira as a project management tool, ensuring it meets the needs of cross-functional teams in planning, tracking, and collaborating on software development projects. The objectives include:

1. Enhance the user authentication experience.
2. Improve task and issue management efficiency.
3. Streamline sprint planning and execution.
4. Optimize collaboration features.
5. Ensure search and filtering accuracy.
6. Strengthen assignability and accountability.
7. Deliver actionable insights for stakeholders.

Client Information:

Product Type: Web Application

Domain: Web2

Access Layers: User

Design Required: NA

Feature No.	Feature Name	Functional Description	Purpose/Use-Case	Acceptance Criteria
1	Login	Allows the user to log into the system using email and password or via a third party such as Google, Microsoft, Apple, and Slack. If the user cannot login, it will redirect the user to the “Can’t Login Page” which will require to input the registered email to get recovery link.	Enables users to log in to the system to use the tool.	– Email must be valid. – Password must be valid. – Invalid credentials cannot log in to the system.

2	Issue Creation	Allow the user to create new issues with fields such as title, type, status, work-type, description, assignee, labels, parent, due date, team, sprint, story point estimate, reporter, attachment, linked worked items, restriction, and flagged options.	Enables tracking of work items such as tasks, bugs, or stories.	– The required fields must be filled. – Issue should save successfully. – Issue creation notification should pop up after clicking the create button.
3	Task Creation	Allow the user to create a standard issue of type "Task" with the specific field	Used to assign general work items to users.	– Work type should be selected as "Task". – Task must appear in the backlog with the appropriate icon, and a creation notification message should pop up after clicking the create button. – Must be able to edit after creation.
4	Sub-task Creation	Allow the user to create smaller tasks of parent issues, which are linked with a separate description and assignees.	Enables tracking of the detailed work under the main task.	– Sub-task must link to the parent. – Should show nested under the parent. – Status should be tracked separately.
5	Sprint Creation	Allow Scrum teams to create a time-boxed sprint with a goal, duration, including start and end dates.	Plan a batch of work for a defined time-box.	– The sprint name should be unique. – Must set start/end date. – After creation Sprint should appear in the backlog section.
6	Adding Comment	Users can post comments on the issues for collaborations or updates.	Provides a medium for team communication on tasks.	– Must not be blank. – Comment must be saved by the author's name and with the time of the post. – Must be editable or deletable by the author.
7	Changing Status	Transitions issue status through the workflow stages ("To Do" → "In Progress" → "In QA" → "Done")	Provides the current stages or status of the task.	– Status update must be reflected in the board and the issue details. – Error on invalid transition
8	Search Issue	Users can search for issues using titles, keywords, or filters.	Allows quick access to relevant issues based on the query.	– Only matching issues need to be shown. – Supports filters (status, sprint, priority). – Show "There's nothing that matches this filter" if the query is not found.
9	Assigning Ticket to User	Users can assign issues to other project members.	Identify the task ownership and responsibility.	– Shows assignee on issue. – Must be a valid user. – Revert to "Unassigned" if cleared.

10	Adding Labels	Allow tagging issues with custom labels.	Helps to categorize issues for better search.	– Labels must be saved. – Must show recently used labels and searchable other labels – Must allow multiple labels on a single issue.