

Test Plan (Recipe Manager Web App)

Section	Details
1. Test Plan ID	TP_01
2. Project Name	Recipe Manager Web App
3. Module Name	Recipe Management
4. Version	1.0
5. Prepared By	Atul Hiray
6. Approved By	QA Lead
7. Date	20/11/2025
8. Approval Status	Pending
9. Test Objectives	Validate Recipe Manager features (create, view, edit, delete recipes) using the candidate's veg-biryani recipe as canonical test data; evaluate input validation, image handling, search/filter, error handling, security (auth), and performance for small flows.
10. Scope of Testing (In-Scope)	<ul style="list-style-type: none">- All UI flows for recipe CRUD (desktop & mobile responsive)- Image URL validation and display- Search, filter, pagination- Basic auth (signup/login) if present- Data validation for ingredients, quantities, step ordering, units- Error messages / client & server validation- Positive, negative and edge cases using the veg-biryani recipe
11. Out-of-Scope	<ul style="list-style-type: none">- Third-party integrations not present (e.g., payment gateways)- Deep security pen tests (only basic auth / role checks)- Backend code unit tests- Large scale performance/load testing beyond smoke/perf sanity
12. Risk	<ul style="list-style-type: none">- Ambiguous API endpoints or missing API docs- Image hosting downtime causing false errors- Differences between dev/test db and prod data format- Time constraints for automation coverage- Incomplete requirements for authentication roles
13. Assumptions	<ul style="list-style-type: none">- App supports recipe fields shown in test data (ingredients list, quantities, steps, cook time, servings, image URL)- There is a test environment separate from production- Test user accounts can be created or are provided- API docs or swagger available for automation (if not, UI automation only)
14. Dependencies	<ul style="list-style-type: none">- Test environment URL and credentials- Stable test DB and seed data privileges

	<ul style="list-style-type: none"> - Browser versions for cross-browser tests - Test data availability (your recipe)
15. Test Environment	<ul style="list-style-type: none"> - Browsers: Chrome (latest), Firefox (latest), Edge - OS: Windows 10/11, Android (pixel emulator), iOS Safari (simulator) - Backend: Test API endpoint base URL (staging) - Database: staging DB snapshot - Tools: Postman, Playwright, Report portal
16. Test Tools	<ul style="list-style-type: none"> - Test case management: Excel / Google Sheets - Manual test execution: Chrome - API test: Postman - Automation: Playwright (Node) - Bug tracking: Jira or GitHub Issues - Reporting: ExtentReports