TEST PLAN DOCUMENT

1. Project Information

Field	Details
Project Name	Productivity Suit Web Application
Client	Internal Project / Portfolio / Open Source
Reference Document	Functional Requirement Specification (FRS)
Created By	Rajeev Singh
Creation Date	09-03-2025
Approval Date	DD-MM-YYYY (To be filled)

2. Objective

To ensure the Productivity Suit Web App functions correctly according to business requirements and provides a reliable, secure, user-friendly experience across devices and browsers. This includes validation of core workflows such as registration, login, task management, and password recovery.

3. Scope of Testing

In Scope:

- User Registration and Login/Logout
- Forgot Password and Reset
- Task creation, editing, and deletion
- Search and navigation
- Responsive UI behavior
- Accessibility and UI validations
- Security (basic access control)
- Cross-browser compatibility
- End-to-end user journey

Out of Scope:

- API testing
- Backend/DB validations
- Admin Panel (if any)
- Automation Testing (currently manual only)

4. Test Strategy

Category	Approach
Testing Types	Manual, Functional, Regression, UI, Usability, Compatibility
Test Design Technique	Requirement-based, Scenario-based, Positive & Negative Testing
Entry Criteria	UI is deployed and stable, FRS is available
Exit Criteria	All P0/P1 test cases are passed, No critical defects remain

5. Test Environment

Component	Description
URL	https://productivity-suit.vercel.app/index.html
OS	Windows 10, macOS
Browsers	Chrome (v100+), Firefox, Safari
Devices	Desktop, Mobile (Responsive)
Tools	Browser Dev Tools, Excel/Sheets, Manual Execution

6. Test Scenarios Summary

Scenario ID	Title	Priority	Test Cases
TS_001	Validate Registration	P0	4
TS_002	Validate Login	P0	3
TS_003	Validate Logout	P0	2
TS_004	Validate Forgot Password	P1	3
TS_005	Validate Search	P1	4

TS_006	Validate Task/Create-Edit-Delete Workflow	P1	5
TS_007	Validate Responsive UI	P2	4
TS_008	Validate Security & Access Control	P1	4
TS_009	Validate Accessibility Features	P2	3
TS_010	Validate Performance	P2	3
TS_011	Validate Cross-Browser Compatibility	P2	3
TS_012	End-to-End: Full user flow	P1	3
TS_013	End-to-End: Password Recovery Flow	P1	3

7. Requirement Traceability Matrix (RTM)

Requirement ID	Test Scenario ID	Test Scenario Description	Test Case IDs
REQ_001	TS_001	Validate Registration	TC_REG_001 to TC_REG_004
REQ_002	TS_002	Validate Login	TC_LOGIN_001 to TC_LOGIN_003
REQ_003	TS_003	Validate Logout	TC_LOGOUT_001 to TC_LOGOUT_002
REQ_004	TS_004	Validate Forgot Password	TC_FP_001 to TC_FP_003
REQ_005	TS_005	Validate Search	TC_SEARCH_001 to TC_SEARCH_004
REQ_006	TS_006	Validate Task Workflow	TC_TASK_001 to TC_TASK_005
REQ_007	TS_007	Validate Responsive UI	TC_RESP_001 to TC_RESP_004
REQ_008	TS_008	Validate Security & Access Control	TC_SEC_001 to TC_SEC_004
REQ_009	TS_009	Validate Accessibility Features	TC_A11Y_001 to TC_A11Y_003
REQ_010	TS_010	Validate Performance	TC_PERF_001 to TC_PERF_003
REQ_011	TS_011	Validate Cross-Browser Compatibility	TC_CB_001 to TC_CB_003
REQ_012	TS_012	End-to-End: Full User Flow	TC_E2E_001 to TC_E2E_003
REQ_013	TS_013	End-to-End: Password Recovery Flow	TC_E2E_FP_001 to TC_E2E_FP_003

8. Test Deliverables

- ✅ Test Plan Document (this file)
- ✅ Test Scenarios Document
- ✅ Test Cases with Execution Status
- ✅ Bug Report (based on actual defects found)

- ✅ Test Summary Report
- ✅ RTM Document

9. Test Schedule

Activity	Duration	Date Range (Example)
Test Planning	1 Day	09 March 2025
Test Case Design	2 Days	10–11 March 2025
Test Execution	3–4 Days	12–15 March 2025
Final Test Report	1 Day	18 March 2025

10. Roles & Responsibilities

Role	Name	Responsibilities
QA Tester	Rajeev Singh	Design & Execute Test Cases, Log Bugs
Test Reviewer	Ravi sir	Review test design, verify defects
Project Lead	Pooja Yadav	Provide overall project support and guidance

11. Risks & Mitigation Plan

Risk	Mitigation Action
UI changes during testing	Freeze UI version or retest affected cases
Browser compatibility issues	Early execution on all target browsers
Lack of clear documentation	Clarify directly with project mentor/client
Deadline pressure	Prioritize P0 and P1 test cases

12. Approval Section

Name	Designation	Signature	Date
Rajeev Singh	QA Tester		09-03-2025
Ravi	Test Reviewer		DD-MM-YYYY

Pooja yadav	Project Lead		DD-MM-YYYY