

# Project: Productivity Suit Web Application Testing

## Introduction

This project focuses on evaluating the **functionality, usability, and performance** of the *Productivity Suit* web application. The objective is to ensure that the application behaves as expected across different modules such as Authentication, Home Page, and Dashboard, and that it offers a smooth and bug-free user experience.

## Project Type

Frontend Testing

## Deployed App

App URL: [Productivity Suit](#)

## Directory Structure

```
productivity-suit-testing/  
├── test-cases/  
├── defect-reports/  
├── screenshots-videos/  
├── mind-map/  
└── README.md
```

## Video Walkthroughs

- Project Demo (1-3 min): [Click Here](#)
- Codebase Overview (1-5 min): [Click Here](#)

## Features Tested

- Login & Signup Validations
- Forget Password Functionality
- Dashboard Task Handling
- Calendar Views & Navigation
- Sidebar Navigation
- Responsive Design Checks

## Design Decisions & Assumptions

- Focused only on manual testing
- Tested on Chrome browser
- Tested responsiveness manually (no automation tool)
- Assumed registered users already exist for login
- Test data is hypothetical and was not fetched from an actual DB

## Installation & Getting Started

No installation needed for testing.

## Usage

1. Open the deployed app
2. Go through each module (Login, Signup, Dashboard, etc.)
3. Refer to the **Test Cases** and start executing them
4. Note the status and compare it with the expected result

## Credentials for Testing

Username: [testuser@example.com](mailto:testuser@example.com)

Password: Test@1234

## Modules and Sub-Modules (Based on Mind Map)

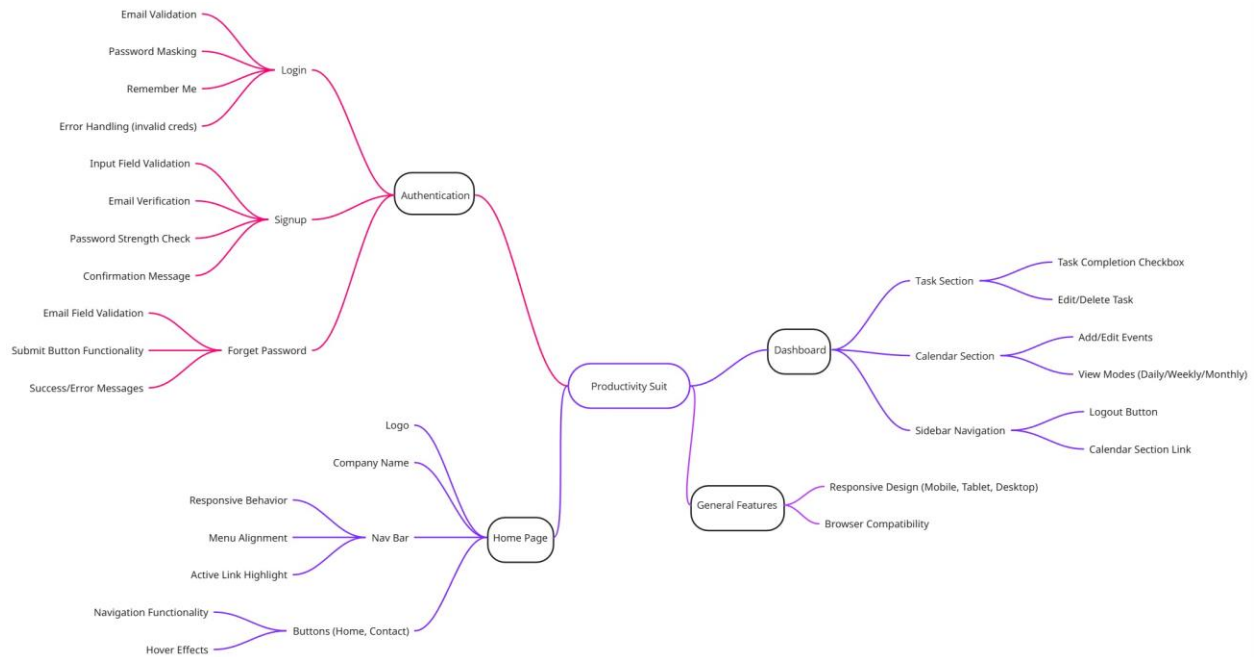


Fig 1: Mind Map of Productivity Suit Web Application

### Authentication

- **Login**
  - Email Validation
  - Password Masking
  - Remember Me
  - Error Handling (invalid credentials)
- **Signup**
  - Input Field Validation
  - Email Verification
  - Password Strength Check

- Confirmation Message
- **Forget Password**
  - Email Field Validation
  - Submit Button Functionality
  - Success/Error Messages

## **Home Page**

- Logo
- Company Name
- **Nav Bar**
  - Responsive Behavior
  - Menu Alignment
  - Active Link Highlight
- **Buttons** (Home, Contact)
  - Navigation Functionality
  - Hover Effects

## **Dashboard**

- **Sidebar Navigation**
  - Calendar Section Link
  - Logout Button
- **Task Section**
  - Edit/Delete Task (Missing confirmation popup before delete)
  - Task Completion Checkbox
- **Calendar Section**
  - View Modes (Daily/Weekly/Monthly)
  - Add/Edit Events

## **General Features**

- Responsive Design (Mobile, Tablet, Desktop)
- Browser Compatibility



# Test Plan Document

**Scope:** Test full website features including login, dashboard, task and calendar section.

## Testing Types:

- Functional Testing
- Usability Testing
- UI and Responsive Testing

## Entry Criteria:

- Site must be live and accessible
- Pages should load correctly

## Exit Criteria:

- All high/critical bugs fixed
- Test cases executed

## Deliverables:

- Test Scenarios and Cases
- Test Execution Report
- Defect Report with Screenshots
- Suggestions for Improvement

Test Case Author	Rajeev Singh
Test Case Reviewer	To be reviewed by mentor
Test Case Version	1.0
Test Execution Date	19 April 2025
Project Name	Productivity Suit Web Application

## Test Scenarios and Test Cases

### Module: Authentication

TC ID	Description	Expected Result	Status
TC001	Click Forget Password	Redirects to reset page	<b>Fail</b>
TC002	Submit empty signup form	Show message "Please enter email and password"	<b>Fail</b>

### Module : Dashboard

TC ID	Description	Expected Result	Status
TC003	Delete a task	Ask confirmation first	<b>Fail</b>
TC004	Sidebar toggle effect	Should open/close smoothly	<b>Fail</b>

### Module: Home Page







TC ID	Description	Expected Result	Status
TC005	Check company name	Name should be visible	<b>Fail</b>
TC006	Check navbar responsive	Should adjust on phone	<b>Fail</b>

## Test Execution Report







TC ID	Description	Status	Bug ID
TC001	Forget Password button not working	Fail	BUG001
TC002	Company Name not visible	Fail	BUG002
TC003	Layout breaks on mobile	Fail	BUG003

TC004	Task deletes immediately	Fail	BUG004
TC005	Sidebar always open, no animation	Fail	BUG005
TC006	Signup empty input shows wrong message	Fail	BUG006

## Defect Report

Bug ID	Description	Severity	Screenshot/Video Evidence
BUG001	<b>Forget Password button not working</b>	High	 <a href="#">Video</a>
BUG002	<b>Company name missing in navbar</b>	Medium	 <a href="#">IMG</a>
BUG003	<b>Page not responsive on phone/tablet</b>	High	 <a href="#">Video</a>
BUG004	<b>Delete task has no confirmation popup</b>	High	 <a href="#">Video</a>
BUG005	<b>Sidebar has no transition effect</b>	Medium	 <a href="#">Video</a>
BUG006	Signup empty input shows misleading validation	Medium	 <a href="#">Video</a>

## Suggestions for Improvement

-  Add a confirmation popup before deleting tasks
-  Display company name clearly beside the logo
-  Ensure responsiveness for phones and tablets
-  Add smooth CSS transitions for sidebar toggle
-  Fix Forget Password button
-  Provide accurate validation messages in Signup form

## APIs Used

No external APIs were used directly in this testing project.

## API Endpoints

No backend or API endpoints were tested as this was a **frontend-only** manual testing project.

## Technology Stack

### For Testing:

- **Manual Testing Techniques**
- **UI/UX & Usability Testing**
- **Microsoft Word** for Test Case Documentation, Test Plan, Defect Reports
- **Screenshot & Screen Recording Tools** for capturing bugs and evidence

### For Application:

- **Frontend:** HTML, CSS, JavaScript
- **Framework (assumed):** Possibly React.js
- **Deployment Platform:** Vercel
- **Design Techniques:** Responsive Web Design, Flexbox, Grid