

TEST PLAN DOCUMENT

Project Name: Productivity Suit - Website Testing

Application under test (AUT): <https://productivity-suit.vercel.app/index.html>

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Course name: software testing

Starting date: 08-04-2025

End date : 12-04-2025

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1. Introduction

This document is a test plan created for checking how well the ***Productivity Suit*** website works. The main goal is to test the website's features, how it performs, and how easy it is to use.

By following this test plan, we'll make sure that every part of the website functions correctly and gives a good experience to users. It also explains how the testing will be done, what tools will be used, and what things we'll deliver at the end.

1. Objectives

- To check if all the features of the website are working as expected.
- To identify any bugs, errors, or missing functionality.
- To test how easy the website is to use for a normal user.
- To suggest improvements based on testing results.
- To create proper test documents, cases, and reports for better understanding.

2. Scope

- Checking the main functionalities like homepage, team creation, search, profile updates
- Testing the overall look and usability of the website
- Reporting any bugs or problems with screen shots
- Giving suggestions to improve
- Testing across different devices and browser

3. Testable features

- Home page layout and content visibility
- Create team button functionality
- Search functionality
- Profile photo update option
- Navigation between pages
- UI/UX design (font color, highlights, readability)
- Error handling and messages
- Responsiveness on different devices

4. Testing approach

- Manual testing will be done by exploring each feature of the website.
- Functional testing will be used to check if each feature works as expected
- Usability testing will be used to evaluate the user experience
- Test case will be written for each feature and executed step by step
- Bugs will be recorded with screenshots or videos
- Testing will be done on a laptop(windows) using chrome and edge browsers.

5. Roles and responsibilities

role	Responsibility
Tester Abhinav.P	<ul style="list-style-type: none">• Perform manual testing of the website features• Prepare test plan,scenarios, and cases• Report bugs with proper evidence (screenshots, videos)• Suggest usability improvements• Prepare final test report and documentation.

6. Test schedule

Task	Start date	End date
Requirement analysis	08-04-2025	08-04-2025
Preparing test plan	09-04-2025	09-04-2025
Writing test cases	09-04-2025	12-04-2025
Functional testing	10-04-2025	12-04-2025
Bug reporting	10-04-2025	12-04-2025

Final report submission	11-04-2025	12-04-2025
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7. Test deliverables

- Test plan document
- Module and sub module breakdown
- Mind map of the application
- Test scenarios and test cases
- Test execution report
- Defect report with severity level
- Screenshots or video evidence of bugs
- Suggestions for improvement based on testing

8. Entry and exit criteria

Entry criteria

- Website should be accessible and live
- Basic understanding of the features and requirements
- Test plan and test cases are ready.

Exit criteria

- All planned test cases are executed.
- All high and critical severity bugs are fixed
- Test summary and defect report are submitted
- Final suggestions and usability feedback are provided

9. Tools used

- **Web browser** : google chrome , microsoft edge
- **Documentation** : google docs
- **Screen recording & Screen shots** : windows snipping tool
- **Bug tracking** : manual
- **Version control** : git and github

10. Risks and mitigation

Risk	Mitigation plan
Create team not functioning	Report as a high severity defect with evidence.
Search functionality not working	Verify expected result, log detailed steps to reproduce in defect report
Profile picture not updatable	Note usability impact, include in test report with screenshot
No “my account “ section	Highlight as missing feature
Poor font visibility (same color for text and highlight)	Mention in suggestion to improve
No error handling shown to user	Include in functional test case observation

11. Approvals

Below are the documents required for client approval:

- Test plan
- Test scenarios/cases
- Reports

Testing will only continue to the next steps once these approvals are done.

12. Mind map

