| **TEST\_PLAN** |
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| Project Name : Des Technico  URL Link :<https://notes-makers.vercel.app/pages/login> |
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| **Prepared By**: Anil Rajak    **Start Date:** 02/04/2025    **End Date:** 02/04/2025 |
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| **Introduction** |
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This document outlines the testing strategies and scope for the **Tec Technico**. Testing ensures proper functionality, UI/UX, compatibility, and performance for key features such as registration, login, Dashboard,Todo,All notes, profile.

● Website Link: <https://notes-makers.vercel.app/pages/login>

| **Objectives** |
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● Ensure all navigation links and features work as intended.

● Verify functionality of critical features (Registration, Login,Dashboard,Todo,All notes, profile etc.).

● Ensure responsiveness across browsers and devices.

● Validate Manual Test scenarios implemented Test Cases .

| **Scope** |
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The test plan covers **functional, UI/UX,** and **Usability** testing across major browsers (Chrome, Firefox,Edge) . It includes manual testing of core features to ensure user experience consistency and reliability and manual testing performed for Non-functional testing.

| **Testable Features** |
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* User authentication (sign-up, login, logout, password reset.
* Course browsing and enrollment process.
* Navigation and link verification.
* Content correctness text.
* Form validations and error handling.
* Responsiveness and UI consistency.
* Performance (loading speed, uptime, stress testing).
* Security (SQL Injection, XSS, user data protection).

| **Testing Approach** |
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**Testing Types**:

● **Functional Testing**: Verify that features registration perform as expected.

● **UI/UX Testing**: Ensure the website is visually appealing, intuitive, and user-friendly.

● **Compatibility Testing**: Test across devices ( Browser,tablet).

● **Performance Testing**: Measure page load times and responsiveness for critical features.

**Testing Methodologies:**

● **Exploratory Testing:** Testing beyond documented scenarios.

● **Regression Testing:** Validating existing features after bug fixes or new feature additions.

● **Black Box Testing:** Testing without knowledge of internal implementation.

| **Roles/Responsibilities** |
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As the sole tester for this project, I was responsible for:

● Creating a comprehensive **Test Plan** to outline objectives, scope, and strategies.

● Manual test cases approach.

● Conducting manual and exploratory testing to ensure functional, UI/UX, and compatibility quality.

● Identifying and analysing bugs through thorough testing and documenting insights.

● Compiling a **Test Results Summary** to highlight testing outcomes and application quality.

| **Test Schedule** |
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| **Task** | **Duration** |
| --- | --- |
| Test Plan Creation & Mind Map | 02/04/2025 |
| Test Scenario | 02/04/2025 |
| Test Scripts & Execution | 02/04/2025 |
| Manual Test cases & Bug Reporting | 02/04/2025 |
| Test Summary / Presentation Report Submission | 02/04/2025 |

| **Test Deliverables** |
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| **Deliverable** | **Description** |
| --- | --- |
| RTM | Detailed Requirement strategy and Feature. |
| Mind Map & Test Plan | Detailed testing strategy and scope |
| Manual Test Cases | Detailed cases for functional/UI testing |
| Defect Reports | Identified bugs during testing |
| Test Summary | Detail summarise what you have done in whole Testing |

| **Entry & Exit Criteria** |
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**Entry Criteria**:

● Access to the Des Technico website.

● All features available and functional.

● Approved scenarios and manual scripts ready for execution.

**Exit Criteria**:

● All critical and high-priority bugs fixed.

● All features meet the expected behaviour defined in scenarios.

| **Tools** |
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1. **BrowserStack**: For cross-browser and device compatibility testing.

2. **Google Sheet**: For Manual Testing to be non-functional.

3. **Google Docs**: For creating Test Plan and Test Summary.

4. **Automation :** For Selenium use Cucumber Framework.

| **Risks and Mitigation Plans** |
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| **Deliverable** | **Description** |
| --- | --- |
| Unstable website | Plan testing during stable hours. |
| Undefined requirements | Clarify requirements before testing. |

| **Approvals** |
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Masai will send different types of documents for Client Approval like below:

● **Test Plan**

● **Scenarios**

● **Scripts**

●  **Reports**

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