# **Test Plan (Data Care)**

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## Introduction

This system is designed to assist medical professionals in managing, visualizing, and cleaning large datasets effectively. It provides a user-friendly interface to handle data from different sources, such as patient records, lab results, and medical scans. Key features include data visualization tools, data cleaning functionalities, and the ability to digitize and extract information from handwritten and digital medical documents.

The primary goal of the system is to streamline the data analysis process for medical users, allowing them to make informed decisions quickly and efficiently. The system is built with accessibility and ease of use in mind, ensuring that even users with limited technical backgrounds can interact with it smoothly.

## Objective

The objective of this test plan is to ensure that the system meets all the functional requirements, and provides a user-friendly experience for non-technical users.

## Scope

The scope of this test plan includes the following areas

1. Getting into Data Visualization Module plotting a plot
2. Getting into Data Cleaning Module applying any of cleaning options
3. Getting into Data Entry Module digitizing physical data
4. Getting into Entry Module retrieving saved data
5. Accessibility testing for some features
6. The schedule and milestones for the testing, including the start and end dates, and the planned testing activities.

## Inclusions

The following items are included in this test plan:

[User stories document](https://docs.google.com/document/d/12hgP79VKTfivNlFCi_IotnBOHRazU5W4vLYBqPcw3Pk/edit?tab=t.0)

[Test cases document](https://docs.google.com/spreadsheets/d/1OPPc1gTocHy5gV120hmoPGCmT0EnW9yT/edit?gid=1739715959#gid=1739715959)

[Defect report](https://docs.google.com/document/d/171IeUPdhtZRv0iOju1Eyijfk2njzON4EdpWQLmNY_Ys/edit?tab=t.0#heading=h.hkuvje1axt6m)

## Test Environments

Windows 11Pro, Version 23H2 (OS Build 22631.4317)

Intel core i7

## Test Types

Functional Testing - Black box

Non- Functional Testing - Black Box

## Defect Reporting Procedure

The criteria for identifying a defect, such as deviation from the requirements, user experience issues, or technical errors.

The **steps for reporting a defect**, such as using a designated template, providing detailed reproduction steps, and attaching screenshots or logs if applicable.

The **process for triaging and prioritizing defects, s**uch as assigning severity and priority levels, and assigning them to the appropriate team members for investigation and resolution.

## Test Schedule & Deliverables

| **Task** | **Dates** |
| --- | --- |
| ▪ Test Plan | 18/10/2024 |
| ▪ Test Cases | 20/10/2024 |
| ▪ Test Case Execution | 23/20/2024 |
| ▪ Summary Reports | 24/10/2024 |

### Entry and Exit Criteria

The below are the entry and exit criteria for every phase of Software Testing Life

Cycle:

Requirement Analysis

#### Entry Criteria:

• Once the testing team receives the Requirements Documents or details

about the Project

#### Exit Criteria:

• List of Requirements are explored and understood by the Testing team

• Doubts are cleared

## Test Execution

#### Entry Criteria:

• Test Scenarios and Test Cases Documents are signed-off by the Client

• Application is ready for Testing

#### Exit Criteria:

• Test Case Reports, Defect Reports are ready

### Test Closure

#### Entry Criteria:

• Test Case Reports, Defect Reports are ready

#### Exit Criteria:

• Test Summary Reports