

Loknete Hon. Hanmantrao Patil Charitable Trust's

**ADARSH INSTITUTE OF TECHNOLOGY AND**  
**RESEARCH CENTRE ,VITA**

MSBTE- 0991



**FIFTH SEMESTER**

**(Year: 2023-24)**

**Micro Project**

**Software Testing (22518)**

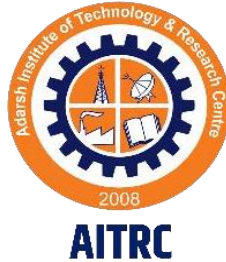
**Title of the Project:** Test Plan, Test Cases and Defect Report On  
“Medical Store Management System”

**Branch:** Computer Technology (CM5I)

**Members of the Group:**

Sr. No.	Name of Student	Roll No.
01	Pratik Rahul Bamane	3129
02	Sanika Sunil Tirmare	3130
03	Mrudula Santaji Shinde	3131
04	Jahir Yasin Kulkarni	3132

**Loknete Hon. Hanmantrao Patil Charitable Trust's  
Adarsh Institute of Technology & Research Centre Vita,**



**CERTIFICATE**

*This is to certify that he micro project report entitled  
“Online Feedback System”*

*Submitted by*

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Roll No.</b>
<b>01</b>	Pratik Rahul Bamane	3129
<b>02</b>	Sanika Sunil Tirmare	3130
<b>03</b>	Mrudula Santaji Shinde	3131
<b>04</b>	Jahir Yasin Kulkarni	3132

*For Fifth Semester of Diploma in Computer Technology Of course Software Testing (22518)  
for academic year 2023-24 as per MSBTE, Mumbai curriculum of 'I' scheme.*

**DIPLOMA OFENGINEERING  
(Computer Technology)**

**SUBMITTED TO  
MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION MUMBAI  
ACADEMIC YEAR 2023-24**

**Project Guide  
Ms.S.B.Kinkar**

**H.O.D.  
Prof.A.A.Vankudre**

**Principal  
Dr.P.S.Patil**

**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI**

**MICRO PROJECT**

**Progress Report / Weekly Report**

**Title of the Project:** Test Plan, Test Cases and Defect Report On “Medical Store Management System”

**Course:** STE (22518)

**Program:** Computer Technology (CM5I)

<b>Week No</b>	<b>Date</b>	<b>Duration in Hrs.</b>	<b>Work / Activity Performed</b>	<b>Sign of the Faculty</b>
1				
2				
3				
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5				
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8				
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10				
11				
12				
13				
14				
15				

## Teacher Evaluation Sheet for Micro Project

**Course Title and Code: Software Testing (22518)**

**Title of the Project:** Test Plan, Test Cases and Defect Report On “Medical Store Management System”

**Group No: -8**

**COs addressed by the Micro Project:**

<b>CO a:</b>	Apply various software testing methods.
<b>CO b:</b>	Prepare test cases for different types and levels of testing.
<b>CO c:</b>	Prepare test plan for an application
<b>CO d:</b>	Identify bugs to create defect report of given application.
<b>CO e:</b>	-
<b>CO f:</b>	-

**Marks: -**

<b>Roll No.</b>	<b>Name Of Student</b>	<b>Marks for Group Work (06)</b>	<b>Marks obtained by the individual based on viva (04)</b>	<b>Total Marks (10)</b>
3129	Pratik Rahul Bamane			
3130	Sanika Sunil Tirmare			
3131	Mrudula Santaji Shinde			
3132	Jahir Yasin Kulkarni			

**Name and designation of Faculty Member:**

**Ms.S.B. Kinkar**

Lecturer (Computer Technology Department)

**Signature:** \_\_\_\_\_

## ACKNOWLEDGEMENT

I express my sincere gratitude to **Ms.S.B. Kinkar.**, Department of **Computer Technology**, for **his/her** stimulating guidance, continuous encouragement and supervision throughout the course of present work.

I would like to place on record my deep sense of gratitude to **Prof.A.A.Vankudre** HOD- Department of **Computer Technology**, for his generous guidance, help and useful suggestions.

I am extremely thankful to Principal **Dr.P.S.Patil** for this motivation and providing me infrastructural facilities to work in, without which this work would not have been possible.

I would like to express my gratitude to all my colleagues for their support, co-operation and fruitful discussions on diverse seminar topics and technical help.

Name of Student	Sign
Pratik Rahul Bamane	
Sanika Sunil Tirmare	
Mrudula Santaji Shinde	
Jahir Yasin Kulakrni	

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<b>Sr. No.</b>	<b>Content</b>	<b>Page No.</b>
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2.0	Course Outcomes Addressed	
3.0	Literature Review	
4.0	Actual Methodology Followed	
5.0	Actual Resources Used	
6.0	Outputs of the Micro Project	
7.0	Skill Developed / learning out of this Micro Project	
8.0	Applications of this Micro Project	
9.0	Area of Future Improvement	

## PART A - Micro-Project Proposal

**Title of Micro-Project:** Test Plan, Test Cases and Defect Report On “Medical Store Management System”

### 1.0 Brief Introduction

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project Online Feedback System.

The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

The Medical Store Management System for medical establishments to manage patient's data. Medical Store Management Systems provide capabilities for selecting particular medicine for diseases and generate the medicine report automatically, build patient details, patient-related data needs in a hospital. A Medical Store Management System is an automatic report generation system that provides the proper report to the Doctors as per the categories like always, poor, usually, very often, sometimes. In the existing system Doctors can give report about the diseases by doing manually. By this process Doctors can give report in online system without wasting his time in writing. After giving report by every patient papers are collected by the Nurses and calculated the overall grade for each operation and each treatment.

### 2.0 Aim of the Micro-Project

- The purpose of Medical Store Management System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy manipulation.
- The main objective of testing the software product is to check whether the software application is working as per requirements or not.

### 3.0 Intended Course Outcomes

- ❖ Apply various software testing methods.
- ❖ Prepare test cases for different types and levels of testing.
- ❖ Prepare test plan for an application.
- ❖ Identify bugs to create defect report of given application.

## **4.0 Literature Review**

### **Review:**

The project name is Medical Store Management System. We have collected information about us project by taking reference from books and various websites. Our project is GUI-based that's why first we have created interface of the project. Then we developed application and then perform the testing on various module.

## **5.0 Proposed Methodology**

- 1) Knowing the basics of the topic.**
- 2) Decide aim of the project and collect the data.**
- 3) Prepare project proposal.**
- 4) Search Literature reviews.**
- 5) Analysis of data.**
- 6) Discussion over preparing and correction in booklet and report.**
- 7) Converting the content of project in report writing.**
- 8) Checking and correction in report writing.**
- 9) Rechecking and finalizing report writing.**
- 10) Final submission and oral presentation of micro project.**

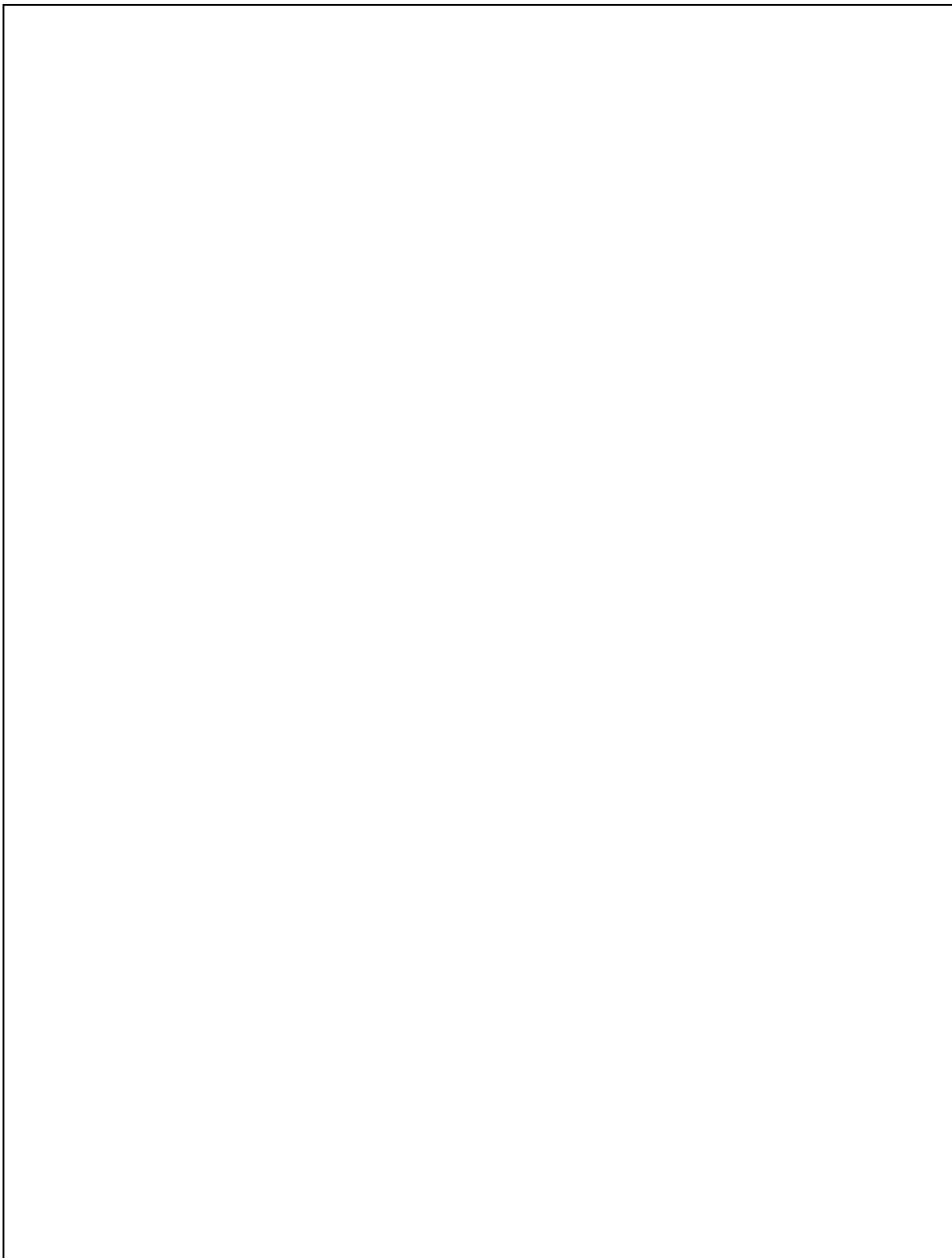


## 6.0 Resources Required

Sr. No.	Name of Resource/ Material	Specifications	Quantity	Remark
1	Computer System	Processor: 11th Gen Intel(R) Core (TM) i5-1135G7 @ 2.40GHz 2.42 GHz System. Type: 64-bit operating system, x64based processor.	1	
2	Eclipse	Eclipse-jee-oxygen-0.2		
3	Software: jdk	Software: jdk		
4	Database	Oracle		
5	Office S/W Package	Microsoft Word 2010		

## 7.0 Action Plan

Sr. No.	Details of activity	Planned start date	Planned Finish date	Name of Responsible Team Members
1	Project Proposal			All Members
2	Data Collection & Analysis			All Members
3	Preparation of Prototype/ Model			All Members
4	Preparation of Report			All Members
5	Presentation & Submission			All Members



## PART B - Project Proposal

**Title of Micro-Project:** Test Plan, Test Cases and Defect Report On “Medical Store Management System”

### 1.0 Rationale

In this project, our goal is to formulate Test Cases for the Medical Store Management System. This system facilitates the Administrator in efficiently handling product details and inventory. Our focus will then shift towards executing these test cases on the Medical Store Management System. Through this process, our aim is to identify any bugs, errors, or defects present in the project. Employing various testing methodologies, we intend to ensure the accuracy and reliability of the software product. Our primary objective revolves around validating if the software application aligns with the specified requirements, ultimately affirming its functionality.

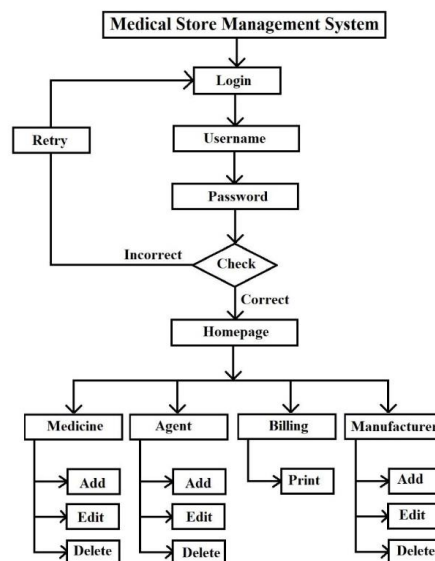
### 2.0 Course Outcomes Addressed

- Apply various software testing methods.
- Prepare test cases for different types and levels of testing.
- Prepare test plans and defect bug reports.
- Identify bugs to create defect report of given application.

### 3.0 Literature Review

#### Review:

The project name is Medical Store Management System. We have collected information about our project by taking reference from books and various websites. Our project is GUI-based that's why first we have created interface of the project. Then we developed application and then perform the testing on various module.



#### 4.0 Actual Methodology Followed:

**Member 1): Name: All Members.**

Work: Finalize the group & project

**Member 2): Name: Pratik Rahul Bamane.**

Work: Search information regarding project subject.

**Member 3): Name: Jahir Yasin Kulkarni**

Work: Collect information and discuss with group members about proposal.

Prepare proposal and submit to the guide.

**Member 4): Name: Sanika Sunil Tirmare.**

Work: Analyze and finalize the information of the project report.

**Member 5): Name: Pratik Rahul Bamane.**

Work: Write project report

**Member 6): Mrudula Santaji Shinde.**

Work: Prepare rough sketch and final chart

#### 5.0 Actual Resources Used

Sr. No.	Name of Resource/ Material	Specifications	Quantity	Remark
1	Computer System	Processor: 11th Gen Intel(R) Core (TM) i5 Type: 64-bit operating system, x64based processor.	1	
2	Eclipse	Eclipse-jee-oxygen-0.2		
3	Software: jdk	Software: jdk		
4	Database	Oracle		
5	Office S/W Package	Microsoft Word 2010		

## **7.0 Skill Developed / learning out of this Micro-Project** (in about 150 to 300 words)

This Project is created for improving the testing knowledge of applications.

1. Studying of the different types of testing techniques.
2. Learned how to prepare Test Plan related to that specified application.
3. Learned how to prepare Test Cases to test if the application is working properly or not.
4. Learned about SRS (Software Required Specification) document.
5. Learned about Defect Report and its necessity.
6. Studied advantages and disadvantages of testing and how necessary it is to build a defect free software and user friendly.

**Teacher Evaluation Sheet**

Name of Student: \_\_\_\_\_ Enrollment No.: \_\_\_\_\_

Name of Program : \_\_\_\_\_ Semester: \_\_\_\_\_

Course Title: \_\_\_\_\_ Code: \_\_\_\_\_

Title of the Micro-Project: \_\_\_\_\_

Course Outcomes Achieved:

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Evaluation as per suggested Rubric for Assessment of Micro-Project(Please tick in appropriate cell for each characteristic)

Sr. No.	Characteristic to be assessed	Poor (Marks 1 -3)	Average (Marks 4-5)	Good (Marks 6-8)	Excellent (Marks 9-10)
1	Relevance to the course				
2	Literature survey / Information collected				
3	Project Proposal				
4	Completion of target as per project proposal				
5	Analysis of data and representation				
6	Quality of prototype / Model				
7	Report Preparation				
8	Presentation				
9	Defense				

### Micro-Project Evaluation Sheet

Seat No.	Process assessment		Product assessment		Total Marks  10
	Part A Project Proposal ( 2 marks )	Project Methodology ( 2 marks )	Part B Project Report/Working Model ( 2 marks )	Individual Presentation /Viva ( 4 marks )	

**Note:** Every course teacher is expected to assign marks for group evaluation in first 3 columns and individual evaluation in 4<sup>th</sup> column for each group of students as per suggested rubrics.

Comments / suggestion about team work / leadership / inter-personal communication (if any):

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**Any other Comment:**

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Name and designation of faculty member: \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Teacher Evaluation Sheet**

Name of Student: \_\_\_\_\_ Enrollment No.: \_\_\_\_\_

Name of Program : \_\_\_\_\_ Semester: \_\_\_\_\_

Course Title: \_\_\_\_\_ Code: \_\_\_\_\_

Title of the Micro-Project: \_\_\_\_\_

Course Outcomes Achieved:

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**Any other Comment:**

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**Any other Comment:**

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Name and designation of faculty member: \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Teacher Evaluation Sheet**

Name of Student: \_\_\_\_\_ Enrollment No.: \_\_\_\_\_

Name of Program : \_\_\_\_\_ Semester: \_\_\_\_\_

Course Title: \_\_\_\_\_ Code: \_\_\_\_\_

Title of the Micro-Project: \_\_\_\_\_

Course Outcomes Achieved:

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**Any other Comment:**

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Name and designation of faculty member: \_\_\_\_\_

Signature: \_\_\_\_\_