

Project Report on

**“EMERGENCY DRUG PROCUREMENT PLANNING”**

For

**Source code technology**

SUBMITTED TO

**Dr. D. Y. Patil Institute of MCA and Management,**

**Akurdi, Pune-44.**

**BY**

**Pritam patil**

As a Partial Fulfillment

Of

**Master of Computer Applications**

**SavitribaiPhule Pune University**

****

Academic Year 2018-19

ACKNOWLEDGEMENT

It is my proud privilege to express gratitude to the entire management of Dr. D. Y. Patil Institute of MCA and Management. Computer Science and teachers of the institute for providing me with the opportunity to avail the excellent facilities and infrastructure of the institute. The knowledge and values inculcated have proved to be of immense help at the very start of my career.

I also thank my project mentors who showed their concerns for my work, encouraged me to keep my best foot forward and gave valuable suggestions which not only helped me in my project work but will be useful in future too.

I would like to thank **“Source Code Technology”** for providing me with an opportunity to pursue my industrial training, as it is an important part of the Master of Computer Applications Course and it is the one that exposes you to the industry standards and makes you adapt yourself to the latest trends and technologies. At the same time, it gives an experience of working on a live project. I feel proud and privileged in expressing my deep sense of gratitude to all those who have helped me in presenting this assignment. I would be failing in my endeavor if I do not place my acknowledgement.

Sincere thanks to all my seniors and colleagues at company for their support and assistance throughout the project.

Yours’s faithfully

**Pritam patil**

**INDEX**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. no:** | **Title** | **Page no.** | |
|  | **INTRODUCTION** | 1 | |
|  | 1.1 Company Profile | 2 | |
|  | 1.2 About the System under Test | 3-4 | |
|  | 1.3 Scope of Work | 5 | |
|  | 1.4 Operating Environment - Hardware and Software | 6-7 | |
|  | 1.5 Detailed Description of Tool(s) Used in Testing | 8-12 | |
|  | **TEST PLANNING** | 13 | |
|  | 2.1 Objectives of Testing | 14 | |
|  | 2.2 Software Requirement Specification | 15-17 | |
|  | 2.3 Master Test Plan (IEEE format) | 18-22 | |
|  | 2.4 Review of Test Basis (prototype testing) | 23-25 | |
|  | **TEST ANALYSIS & DESIGN** | 26 | |
|  | 3.1 Use Case Diagram of the System | 27 | |
|  | 3.2 Module Hierarchy Diagram | 28 | |
|  | 3.3 Unit Test Plan | 29-32 | |
|  | 3.4 Test Harness | 33 | |
|  | 3.5 Development of Test Scenario as per requirements | 34-35 | |
|  | 3.6 Requirement Traceability Matrix (Horizontal traceability) | 36-37 | |
|  | 3.7 Test Case Design | 38 | |
|  | 3.8 Test Data Generation | 39-44 | |
|  | 3.9 Test Execution | 45-46 | |
|  | 3.10 Defect Screens (Snapshots) | 47-56 | |
|  | 3.11Test Log | 57-58 | |
|  | 3.12 Defect Report | 59 | |
|  | 3.13 Defect Metrics (List of all defect metrics employed and its values) | 60-61 | |
|  | 3.14 Test Summary Report | 62-64 | |
|  | **USER (TESTER) MANUAL** | 65 | |
|  | 4.1 Test Procedure Specification | 66 | |
|  | 4.2 RTM (vertical traceability) | 67 | |
|  | 4.3 Configuration Management (Test Item transmittal Report) | 68-69 | |
| **5.** | **Conclusion** | | 70-71 |
| **6.** | **Bibliography** | | 72-73 |

**ANNEXURE 1 : USER INTERFACE SCREEN**

**ANNEXURE 2: TEST LOG**