**Test Plan**

Company Name:

Project Name: Inventory Management System

Version: V 1.0

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# 1. Introduction

Inventory Management System is web-based system ,this system will maintain all the information about Item details , purchase order details , vendor details and will generate various reports. This System provides user friendly interactive and menu driven GUI.

The new system will do the following:

* Provide the users with menus, directions & error messages to direct him/her on the various options.
* Handle the update/addition of Vendor details, Item details and order details.
* Print various reports.

## Test Plan Objectives

This Test Plan for the new System supports the following objectives:

* Define the activities required to prepare for and conduct User Acceptance testing.
* Define deliverables and responsible parties.
* Communicate to all responsible parties the various Dependencies and Risks

# 3. Scope

## 3.1. Data Entry

This is the web-based system , The new system should allow the employee to enter goods information online, as every user has given user ID and password. The system will be menu driven and will provide error messages to help direct the user through various options.

## Reports

The system will allow the user to print 4 types of reports. These reports are:

* Item report
* Purchase Order report
* Vendor report
* Good Receipt Report

## 3.3. Security

Each user will need a user id and password to login to the system. User also can add purchase note in the system as well as Goods receipts notes.

# 4 Environment Requirements

## 4.1. Data Entry workstations

* 1 Pentium PC
* 286 processor (minimum)
* 4mb RAM
* 100 mb Hard Drive

# 5. Test Schedule

|  |  |  |
| --- | --- | --- |
| **Activity** | **Start Date** | **End Date** |
| **UAT Planning** | **10-01-14** | **15-02-14** |
| **UA Test Execution** | **20-02-14** | **10-03-14** |

# 6. Functions To Be Tested

* Add/update information
* Search / Delete Item details
* Escape to return to main Menu
* Add/Update/Delete vendor Details.
* Add/Update/Delete purchase order details.
* Error messages
* Report Printing

**7. Deliverable**

|  |  |  |
| --- | --- | --- |
| Deliverable | Responsibility | Completion Date |
| Develop Test cases | Bhagyashri Bhamare | 10-01-14 |
| Test Case Review | Bhagyashri Bhamare | 18-02-14 |
| Execute test cases | Bhagyashri Bhamare | 10-03-14 |
| Complete Defect Reports | Bhagyashri Bhamare | 15-03-14 |
| Final Test Summary Report | Bhagyashri Bhamare | 18-03-14 |

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**8 . Resources and Responsibilities**

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| --- | --- | --- | --- |
| **Tester :**  Name : Bhagyashree Bhamre  Responsibilities :  To Create requirement document for testing.  To create test cases for the project.  To execute test cases and prepare execution log  Report bugs for the software. 9. Suspension / Exit Criteria If any defects are found which seriously impact the test progress, the tester may choose to suspend testing. Criteria that will justify test suspension are:   1. Hardware/software is not available at the times indicated in the project schedule. 2. Source code contains one or more critical defects, which seriously prevents or limits testing progress. 3. Assigned test resources are not available when needed by the test team.  Resumption Criteria If testing is suspended, resumption will only occur when the problem(s) that caused the suspension has been resolved. When a critical defect is the cause of the suspension, the “FIX” must be verified by the tester before testing is resumed. Dependencies :Software Dependencies The source code must be unit tested and provided within the scheduled time outlined in the Project Schedule. Hardware Dependencies 1 Pentium PC , 286 processor (minimum), 4mb RAM,100 mb Hard Drive Test Data & Database Test data (mock employee information) & database should also be made available to the testers for use during testing. Tools No Tools Used. Documentation The following documentation will be available at the end of the test phase:   1. Test Plan 2. Test Cases 3. Test Case review 4. Requirements Validation Matrix 5. Defect reports 6. Final Test Summary Report | | |  |
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# 14. Approvals

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| **Name (Print)** | **Signature** | **Date** |
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| **1.** |  |  |
|  |  |  |
| **2.** |  |  |