**Test Strategy**

[**-Mobile App**]

**Author**: Sammilkhan

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**Author**:

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| --- | --- | --- |
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**Revision History**

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# Introduction

## Purpose

**Approprice** (Best Price comparison Mobile App) is designed and developed especially for Indian markets. This app helps to find the best product prices among various e-commerce websites. This also helps to identify the products by scanning bar code

## Objective

This test strategy document helps to identify the target , approach and tools to be used and time duration that needs to complete the work.

## Scope

**<*text*>**

## Underlying Testing Principles

**<*text*>**

# Test Strategy

## Testing Methodology

**<text>**

## Develop Test Plans

### Master Test Plans

### Details Test Plan

## Test Design & Preparation

**<text here>**

## Test Summary Report

**<text here>**

# 3. Testing Types

## Unit / Component Testing

**Unit Testing focuses on a specific component in the system in isolation.**

**<text here>**

## 3.2. System Testing

**System testing is the functional and non-functional testing of the entire deliverable system, and the interfaces between the various components.**

**<text here>**

## 3.3 Regression Testing

**<text here>**

## 3.4. Integration Testing

**Integration Testing focuses on the interaction between multiple components.**

**<text here>**

## 3.5. End to End Testing of current business processes

**End to End testing of current business processes is essential for testing.**

**<text here>**

## 3.6. Performance Testing

**Performance Testing is the name given to a variety of testing techniques associated with the system’s behaviour under conditions of volume and load**

**<text here>**

## 3.7. User Acceptance Testing

**UAT is the opportunity for the business to test a functionally proven and technically robust system, in a stable environment, against the business objectives.**

**<text here>**

# 4. Testing Approach

**A well-defined testing approach will help to minimize major risks.**

**<text here>**

## 4.1. Testing Objectives

**The objectives for testing are;**

**<text here>**

## 4.2. Testing Framework

**A framework that makes testing more effective and efficient must accompany the approach.**

**<text here>**

## 4.3. Test Execution

**<text here>**

## 4.4. Testing Challenges

**<text here>**

# 5. Automated Testing Tools

**The processes and procedures for testing tools (including automation) is the accountability of the both the Test Manager and their Leads to determine whether appropriate to introduce into the test execution effort.**

**<text here>**

## 5.1. Test Management

### 5.1.1. Test Management Tool

**<text here>**

### 5.1.2. Defect Management Tool

**<text here>**

## 5.2. Test Automation Tools

### 5.2.1. Test Automation Tool

**<text here>**

### 5.2.2. Performance Testing Tool

**<text here>**

## 5.3. Licensing and Installation

**<text here>**

# 6. Test Environment Strategy

**This section focuses on the processes and procedures for requesting, provisioning and managing test environments.**

**<text here>**

## 6.1. Testing Environments Provisioning Request Process

**This section details the approach and processes that need to be followed for requesting environment builds and/or refreshes.**

**<text here>**

### 6.1.1. Test Lab – Testing

**<text here>**

### 6.1.2. Test Environment Management

**<text here>**

# 7. Test Data Strategy

**This section describes the strategy for the provisioning and management of test data.**

**<text here>**

## 7.1. Test Data Strategy Objectives

**<text here>**

## 7.2. Types of Test Data

**Test data can be broadly categorised as follows:**

**<text here>**

## 7.3. Test Data Sources

**<text here>**

## 7.4. Environment Test Data Mapping

**<text here>**

## 7.5. Test Data Management

**<text here>**

## 7.6. Test Data Provisioning Request Process

### 7.6.1. Applicability

**The Test Data Provisioning Request Process must be followed when:**

**<text here>**

### 7.6.2. Provisioning Process

**<text here>**

### 7.6.3. Backup and Restore Test Data

**<text here>**

# 8. Testing Controls & Procedures

**This section documents the proposed process and governance of key processes.**

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## 8.1. Testing Success Criteria

**<text here>**

## 8.2. Defect Management

**<text here>**

### 8.2.1. Defect Management Severity Definitions

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### 8.2.2. Priority Code Definitions

**<text here>**

### 8.2.3. Defect Management of Testing Completion

**<text here>**

## 8.3. Issues Management

**<text here>**

## 8.4. Risks Management

**<text here>**

## 8.5. Issue and Risk Escalation and Governance

**<text here>**

## 8.6. Progress Reporting

**<text here>**

## 8.7. Entry Criteria Risk Assessment

**The purpose of the Entry Criteria Risk Assessment process is to evaluate the readiness of commencing a testing Release.**

**<text here>**

## 8.8. Exit Criteria Risks Assessment

**The purpose of the Exit Criteria Risk Assessment process is to evaluate the finalisation and completeness of a testing Release.**

**<text here>**

## 8.9. Testing Requirements Traceability

**<text here>**

## 8.10. Test Coverage Analysis

**Metrics need to be established for each testing phases. The metrics and measurement process must be agreed by the necessary stakeholders and will form the foundation for progress reporting.**

**<text here>**

## 8.11. Exception Justification

**<text here>**

# 9. Key Roles, Accountabilities and Responsibilities

**List the key testing roles, accountabilities and responsibilities.**

**<text here>**

## 9.1. Proposed Test Team Structure

**Add Team Structure**

**<text here>**

# 10. Staffing and Training Needs

**Add knowledge and experience desirable for each area.**

**<text here>**

# 11. Milestones and Schedule

**<text here>**

**11.1. High Level Schedule for Testing**

**Add Schedule**

# 12. Risks and Contingencies

**<text here>**

# 13. Definitions and Terms

**<text here>**