Test plan

**Services Directory**

**of AB company**

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# INTRODUCTION

## Version release

|  |  |  |
| --- | --- | --- |
| Version | Created date | Review date |
|  |  |  |
|  |  |  |

## Product overview

* Store and manage service information that they provide ( and associate)
* Manage service status

## Document reference

* User specification requirement
* Design document

## Definitions, acronyms and abbreviations

|  |  |
| --- | --- |
| GUI | Graphical user interface |
|  |  |
|  |  |
|  |  |

## Risk list

### Planning Risks

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Risk name | Correction action | Effect |
| 1 | Requirement changes affect to human resources and test strategy | Re-edit test plan to meet new requirements | High |
| 2 | Executed test case lost | Hand in executed testcase report / document to team leader by the end of day via e-mail | Medium |

### Cost risks

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Risk name | Correction action | Effect |
| 1 | Application is not able to be built on time | Re-build in other PCs and testing team must follow the schedule strictly | Medium |
| 2 | Lack of system resources | Suggest fot funding, support resources system. | Medium |

### Operational risks

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Risk name | Correction action | Effect |
| 1 | Unable to operate on environment described in  requirement. | Feedback to the developers to receive another build. | Medium |
| 2 | Controversy between buggy feature and  no error. | Meeting to re-verify with developers, Project manager and client. | High |

### Technical risks

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Risk name | Correction action | Effect |
| 1 | Modules are too complicated | Proposal to be converted to non-testing feature. | High |
| 2 | Integration test: developer fix this place, wrong place | Review and discuss failed tests to make quality decisions | Medium |
| 3 | Virus effectively | Highlight this to every one in team, update newest version for anti virus program | High |

# TEST PLAN OBJECTIVE

*  Identify the strategies that will be used to verify and ensure the product meets its desired specifications and other requirements.
*  Define the objectives and scope for the testing effort.
*  Identify the methodology that test team will use to conduct tests.
*  Identify the hardware, software and tools required for testing.
*  Define functions and features that will be tested.
*  Determined risk factor that jeopardize testing
*  Schedule for testing with the specific assignment for each members.

# TESTING STRATEGY

## General testing process approach:

1. Review project document.

2. Design test strategy and Determine test requirements.

3. Create test plan.

4. Design test case template.

5. Design and build test case.

6. Execute test plan.

7. Create test report.

## Test types

### Scope of test

Items tested: Organisation List and Organisation Details, included:

* Test the GUI.
* Test functions/modules.

Items not tested:

* Non-functional requirements.

### Feature test

“Organisation list” module:

* Listing
* Sorting
* Filtering
* Changing organisation status
* Creating new organisation
* Pop-up windows

“Organisation Details” module:

* Input fields
* Internal links
* Anchor links
* Populating new fields/tabs
* Pop-up windows
* Warning messages

### Test stages

### System Testing

### Testing support tools

|  |  |  |  |
| --- | --- | --- | --- |
| Action | Tools | Supplier/  Self-construction | Version |
| Testing management | Excel | Microsoft | 2010 |
| Defect management | Excel | Microsoft | 2010 |
| Database management tools |  |  |  |
| Time management |  |  |  |

# HARDWARE RESOURCES

* Server: CPU – Intel Pentium4 3.0GHz, RAM – 4GB, HDD-160GB, OS-Window Server 2003 SP1
* Client: CPU – Intel Pentium4 2.4GHz, RAM – 1GB, HDD-40GB, OS-Window XP SP2
* Internet connection

# SUSPENSION CRITERIA AND RESUMPTION REQUIREMENTS

## Suspension criteria:

* Hardware/software is not available at the times indicated in the project schedule.
* Source code contains one or more critical defects, which seriously prevents or limits testing progress.
* Assigned test resources are not available when needed by the test team. Resumption

## Requirements:

* 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 test department before testing is resumed.

# TEST MILESTONE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Tasks | Start date | End date | Note |
|  | **System Test** |  |  |  |
| 1 | **Organisation List** |  |  |  |
|  | GUI |  |  |  |
|  | Listing |  |  |  |
|  | Sorting |  |  |  |
|  | Filtering |  |  |  |
|  | Changing organisation status |  |  |  |
|  | Creating new record |  |  |  |
|  | Pop-up windows |  |  |  |
| 2 | **Organisation Details** |  |  |  |
|  | Input fields |  |  |  |
|  | Internal links |  |  |  |
|  | Anchor links |  |  |  |
|  | Populating new fields/tabs |  |  |  |
|  | Pop-up windows |  |  |  |
|  | Warning messages |  |  |  |
|  |  |  |  |  |

# ROLES AND RESPONSIBILITIES

|  |  |
| --- | --- |
| Member | Specific Responsibilities / Comments |
| Test leader | Provides management oversight responsibilities:   * Provide Technical direction * Acquire appropriate resources * Management reporting * Ensure test environment and assets are managed and mantained. |
| Tester | Execute the tests responsibilities:   * Execute tests * Log results * Recover from errors * Document defects |

# DELIVERABLES

|  |  |  |
| --- | --- | --- |
| Deliverable | Responsibility | Completion Date |
| Develop Test cases | Testers |  |
| Test Case Review | Test leader, Testers |  |
| Complete Defect Reports | Test leader, Testers |  |