# Phontel Training

# **Test Plan**



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***Document Revision History***

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| **Version Number** | **Date** | **Description** |
| **1.0** | 07/08/2013 | Initial Document, based on first interpretation of Provided Specs Document. |
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# Overview

## Project Objectives

The system being tested is required to train Phontel Staff in the recognition of the physical appearance, name and position of Phontel Executive Staff, and providing it in an easy to use and engaging format that will make the training enjoyable for the trainees.

## System Description

The system will be required to provide: A memory game designed to promote the recognition of Executive Phontel Staff, a secure login system for the trainees participating in the memory game, and a secure login system for the administrators and managers of the system/ trainees.

The system will additionally be required to: Utilise the current workstation setup for the Phontel Sydney Training Office, and utilise website hosting for the e-learning portal.

## Plan Objectives

The Project Test Plan will delineate the responsibilities of the tester and the criteria that they will be testing against, as well as some guidelines on how to go about the testing.

## References

System Specifications: SystemSpecification\_Phontel.doc

## Outstanding Issues, Assumptions, Risks and Contingencies

The project itself is not currently available for interaction. It will severely limit the ability to test it until such time as it becomes available again.

# Test Scope

## Features to be Tested

* All pages should contain a “How it works” section containing generic instruction on how the page should be used.
* The site should be linear, with buttons provided to navigate between the appropriate pages.
* All pages except the login portal should be secure. Non-authorised users should not have access.
* Administrators should have an access level which enables them to administer the site.
* The memory test page should contain a memory testing game whereby the user must match the pairs of identical cards, and should be programmed in Javascript.
* The cards themselves should contain the Director’s Name and Position, as well as a photograph of said Director.
* The bosses test page should contain a list of photographs of the company executives, along with accompanying dropdowns for the selection of their relative name and position.
* Ajax should be used to validate that a choice has been made for all directors.
* Upon successful completion of both aspects of the test, the user should be presented with a personalised Certificate of Competency created using TCPDF. In addition, an E-Mail with the test results should automatically be sent to the Admin, and the results should also be entered into the database.
* Managers should be able to view the results of the trainees.
* The viability of all previously mentioned features should be tested to be working within any and all combinations of the provided Technical Specifications.

## Features Not to be Tested

Specify all features and significant combinations of features which will not be tested. Explain the reasons for excluding these features from testing.

# Test Methodologies

## Testing Approach

For each major group of features or feature combinations, specify the types of tests required, e.g., regression, stress tests, pilot tests, etc. Specify the major activities, techniques, and tools which are used to test the designated features. This section should also include a high level description of how the testing shall be conducted, i.e. independent contractors, in-house staff, where testing to occur, etc.

## Test Data

Provide a general description of the sources of test data. Describe how the range of test data will help to ensure the adequacy of testing, e.g., selection of boundary or null values.

## Test Documents

Identify tests documents which are created throughout the project lifecycle. Include more specific documents such as test cases, acceptance test plans, integration test reports, etc.

## Requirements Validation

Explain how tests and test results will be mapped to documented system requirements. Describe the procedure for ensuring that requirements are validated.

## Control Procedures

Describe the procedure for identifying, recording, and tracking test results to closure. Document the change control procedure. Include classification code and prioritisation scheme for error tracking and resolution. Specify the tracking mechanism for tests results (test case validation log/test error log).

# Test Phases

Identify test phases, such as unit, integration, system, acceptance, and prototype testing. For each phase, address the topics described below.

## Definition

Provide a brief description of the process (scenario) involved in performing the activities in the phase.

## Participants

Identify the person or group responsible for conducting this test phase. Describe the expected level of involvement of the project team, test group, and any other functional areas.

## Sources of Data

Provide a more detailed description of the source and type of data for this test phase.

## Entrance and Exit Criteria

Specify the entrance and exit criteria for this phase. Describe how test results are evaluated. Explain the criteria for test sufficiency. Include criteria for test suspension and resumption.

## Requirements

Identify requirements which are validated in this phase.

## Work Products

Describe the work products which are initiated and/or completed in this phase, including test documents and reports.

## Test Completion Acceptance

Describe the criteria for acceptance of the completion of the test results (should be tied into the QA plan of the project product). When is the test complete?

# Test Environment

## Hardware

Describe the hardware requirements for the test environment.

## Software

Describe the software requirements for the test environment. Identify automated testing tools, operating systems, compilers, etc.

## Location

Outline the office and space requirements for the test environment. Identify all sites where testing occurs.

## Staffing and Training

Identify any staffing or training needs.

# Schedule

Provide a detailed schedule of testing activities and responsibilities. Indicate dependencies and time frames for testing activities.

# Approvals and Distribution

Identify the required approvers of the test plan and results as well as to whom the test plan document(s) is distributed.

# Appendix

## References

## Glossary