

**ÇANKAYA UNIVERSITY**

**FACULTY OF ENGINEERING**

**COMPUTER ENGINEERING DEPARTMENT**

**Test Plan, Test Design Specifications and Test Cases**

**Version 1**

**CENG 408**

Innovative System Design and Development II

**SUMMER TRAINING**

**INFORMATION SYSTEM**

*Name Surname*

*Student Number*

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Advisor: *The name of your advisor*

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# INTRODUCTION

## Version Control

|  |  |  |
| --- | --- | --- |
| **Version No** | **Description of Changes** | **Date** |
| 1.0 | First Version | May 22, 2010 |
|  |  |  |
|  |  |  |

## Overview

What is to be tested? Describe in 2-3 sentences

## Scope

What is the scope? Describe what this document will include.

## Terminology

| **Acronym** | **Definition** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

# FEATURES TO BE TESTED

This section lists and gives a brief description of all the major features to be tested. For each major feature there will be a Test Design Specification added at the end of this document.

## Login (LG) *<< Specify the name and acronym of the feature here*

Describe the feature in 2-3 sentences

## Add User (AU) *<< Specify the name and acronym of the feature here*

Describe the feature in 2-3 sentences

**…**

# FEATURES NOT TO BE TESTED

List all the features not to be tested and explain why?

# ITEM PASS/FAIL CRITERIA

Describe the general rule to use to decide when a test case passes and when it fails.

## Exit Criteria

Describe under what conditions the testing of the product is considered successful. Some examples are:

* 100% of the test cases are executed
* 95% of the test cases passed
* All High and Medium Priority test cases passed

# REFERENCES

1. IS502\_Group1\_SRS\_V2.0, December 12, 2009 *<< Give reference to your SRS / SDD documents*

# TEST DESIGN SPECIFICATIONS

## Login (LG)

### Subfeatures to be tested

#### Admin (LG.AD)

Describe in 1-2 sentence this subfeature.

#### Guest (LG.GT)

Describe in 1-2 sentence this subfeature.

### Test Cases

Here list all the related test cases for this feature

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| *LG.AD.xx* | *Give corresponding requirement no* | *High or Medium or Low* | *A brief description* |
| LG.AD.01 | 3.1 | H | Enter a valid admin user id and password |
| LG.AD.02 | 3.1 | H | Enter a valid admin user id and blank password |
| … |  |  |  |
|  |  |  |  |

## Add User (AU)

### Subfeatures to be tested

#### Admin (AU.AD)

Describe in 1-2 sentence this subfeature.

#### Guest (AU.GT)

Describe in 1-2 sentence this subfeature.

### Test Cases

Here list all the related test cases for this feature

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| AU.AD.01 | 3.2 | H | Add an admin user who is not already in db |
| AU.AD.02 | 3.3 | H | Add an admin user who already exist |
| … |  |  |  |
|  |  |  |  |

# Detailed Test Cases

## LG.AD.01

|  |  |
| --- | --- |
| **TC\_ID** | LG.AD.01 |
| **Purpose** | Enter a valid admin user id and password |
| **Requirements** | 3.1 |
| **Priority** | High. |
| **Estimated Time Needed** | 5 Minutes |
| **Dependency** | Add User test cases should pass |
| **Setup** | An admin user should be created. |
| **Procedure** |  [A01] Go to login page. |
| [A02] Enter a valid admin user id. |
|  [A03] Enter the valid password for this user |
|  [A04] Click on the “Login” button. |
|  [V01] Observe that the login is successful and the admin page appears |
|  - |
| **Cleanup** | Logout |

## LG.AD.02

…