

# Defect Reporting and Defect Life Cycle Management – V 3.0 Lab Book

## Document Revision History

| Date      | Revision No. | Author                           | Summary of Changes               |
|-----------|--------------|----------------------------------|----------------------------------|
| 12/8/09   | 1            | Priya Rane                       | Revamp                           |
| 13 /06/11 | 1.1          | Kishori Khadilkar                | Revamp                           |
| 2/6/15    | 2.0          | Alphy Thomson<br>& Shilpa Bhosle | Material Revamp                  |
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## Table of Contents

|  |   |
|--|---|
| Document Revision History .....                            | 2 |
| Table of Contents .....                                    | 3 |
| Lab 1.Logging defect into Defect Report Template.....      | 4 |
| Lab 2.Logging defect free defect reports.....              | 5 |
| 2.1 Defect Report for Bank Exam Portal Application.....    | 5 |
| Lab 3.Execute test cases & log defect free defects .....   | 6 |
| 3.1 Defect Report for CyberShopee System Application. .... | 6 |

## Lab 1. Logging defect into Defect Report Template

|              |   |
|--------------|---|
| <b>Goals</b> | <ul style="list-style-type: none"><li>• Understand the process of reporting defects.</li><li>• Learn to report defect free defects.</li></ul> |
| <b>Time</b>  | 60 min  |

**1.1** The testing team has found certain defects during testing the Banking Exam Portal Application. As a one of the team member of the testing team the responsibility has been given to you to log these defects into Defect Report so that the development team can understand the defects well and take necessary measures to eliminate the same from the application. You need to ensure that defects found during test execution are logged with proper care so that the defect removal cycle can be reduced.

**Note –** The below mentioned defects are imaginary defects. Make a proper use of the Defect Tracking Sheet to log below given defects.

### Home Page:

1. The link “List of exams on the portal” is not able to navigate the user to the web page displaying various exams available on the Banking Exam Portal application.
2. The link “List of exams on the portal” is displayed at the left side of the web page instead of right side.
3. The User Name field is accepting any type of data.
4. The application is not generating an error even if Password field is left empty while logging to the application
5. The application behaves in a wired manner by disallowing a user to login to the website even if the user has entered the valid credential i.e. valid User Name and Password.
6. After clicking on the Submit button on the home page user gets an error message “Page Cannot Be Displayed”.

## Lab 2. Logging defect free defect reports

|              |  |
|--------------|--|
| <b>Goals</b> | • Understand the application and report defects in defect report |
| <b>Time</b>  | 60 min   |

### 2.1 Defect Report for Bank Exam Portal Application

Make Defect Entry for the Following Defects in the Defect Entry Report:

#### Registration:

1. The Spelling of “Personal Information” is wrong. The web page displays it as “Persnal Information”.
2. Mobile number field is accepting alphabets and special characters also.
3. The insert Photo field is accepting a photo of size more than 150 kb.
4. In marital status only 2 options i.e. Married & Unmarried should be shown on the web page, however the web page is displaying three options to the user i.e. Married, Unmarried & Divorcee.
5. After clicking on the “Save & Submit” button, Registration Id should get auto-generated and displayed on the screen; however the application is not able generate and display the Registration ID upon successful registration process.

### 2.2 Defect Report for Bank Exam Portal Application – “Add Exam Details”

You have designed test cases for testing the various functionalities of “**Add Exam Details**” page. Assume that your test cases have failed. Prepare the defect report for all failed test cases.

**Note:** Every participant may have different test cases. Use the test cases that you have written for logging the defect in the defect report. Do not restrict the scenarios to a single page or field; rather focus on the flow of the application as an end user or applicant.

### Lab 3. **Execute test cases & log defect free defects**

|              |  |
|--------------|--|
| <b>Goals</b> | • Understand the application and report defects in defect report |
| <b>Time</b>  | 180 min  |

#### **3.1 Defect Report for CyberShopee System Application.**

You have designed test cases for testing the various functionalities of “CyberShopee System” as a part of the Testing Concepts lab assignment. You need to execute these test cases by running the application. Based on the execution result, you need to log all the defects that you found during the test execution in the Defect Report Template according to the guidelines discussed in the class. You need to ensure that you log defect free defects in the defect log which can help development team to reproduce & eliminate the defects.

**Note:** Every participant may have different test cases. Use the test cases that you have written for logging the defect in the defect report. Do not restrict the scenarios to a single page or field; rather focus on the flow of the application as an end user or applicant. You can also perform an exploratory testing/random testing