**Blazedemo Application**

Table of Contents

[1 Introduction 3](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187646)

[1.1 Description 3](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187647)

[1.2 Related Documents 3](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187649)

[2 Objectives and Tasks 3](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187650)

[2.1 Objectives 3](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187651)

[2.2 Tasks 3](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187652)

[3 Scope of Testing 3](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187653)

[4 Testing Process 4](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187654)

[5 Test Strategy 5](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187655)

[5.1 Functional Testing 5](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187657)

5.2 Regression Testing……………………………………………………...5

[6 System Requirements 6](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187659)

[6.1 Hardware Requirements 6](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187660)

[6.2 Software Requirements 6](file:///C:\Users\Hi\Documents\EDUBRIDGE\AMG%20%20test%20Plan.doc#_Toc381187661)

1. Introduction

## 1.1 Description

The document is a test plan for the Application, produced by Quality Assurance. It describes the testing strategy and the approach to testing QA will use to validate the quality of this product prior to release. It also contains various resources required for the successful completion of this project.

## 1.2 Related Documents

The following documents have been referred for the preparation of the Test Plan:

* + Software Requirement Specifications
  + Functional Spec document
  + Screen Shots

1. Objectives and Tasks

## 2.1 Objectives

The testing is carried on with an objective to bring the best out of the application in terms of requirement matching, quality, functional stability and usability. The ultimate objective is to achieve customer satisfaction on the application.

## 2.2 Tasks

To achieve the objectives defined, the following tasks including the types of testing would be performed onsite/offshore:

* Functional Testing: Seleinum
* Non-Functional Testing: J-Meter

3.Scope of Testing

The Blazedemo Application is online flight booking Application which make use of required information in less time. The testing performed would cater to the functional and non-functional requirements specified by the Client and as defined in the Requirements document.

4.Test Process

The following are the activities that are carried out at as part of Testing:

* Test Planning
* Test Execution
* Test Closure

In the Test Planning phase, the activities carried out will include:

1. Understanding the Client Requirement (includes seeking clarification)
2. Preparation of Test Conditions
3. Review and Approval of Test Conditions
4. Preparation of Test Scripts
5. Review and Approval of Test Scripts
6. Preparation of Test Data
7. Review and Approval of Test Data
8. Preparation of Traceability Matrix
9. Defining Entry and Exit criteria for Testing

In the Test Execution phase, the activities carried out will include:

1. Setting up the Test Environment
2. Execution of Test Scripts – 3 Rounds
3. Defect Reporting and Tracking defects to closure
4. Regression Testing

In the Test Closure phase, the activities carried out will include:

* 1. Preparation of Final Summary Report
  2. Final Test Deliverables

5.Testing Strategy

## 5.1 Functional Testing

Documents Required from the Development Team -

* 1. Architecture Design Document (ADD)
  2. Data Definition Document (DDD)
  3. Program Specification (PS)

**Entry Criteria for Testing:**

1. Receipt of Documents from the Development Team
2. Approved set of Test Conditions and Test Scripts
3. Availability of Test Environment
4. Deployment of Code in the Testing Area

**Exit Criteria for Testing:**

1. Complete execution of all the level test scripts
2. Closure of all the defects raised during the Testing.

## 5.2 Regression Testing

Documents Required from the Development Team -

1. Software Requirement Specification (SRS)

**Entry Criteria for Regression Testing:**

1. Sign-off on Unit Testing
2. Receipt of Documents from the Development Team
3. Approved set of Functional Test Conditions and Test Scripts
4. Availability of Test Environment
5. Deployment of Code in the Testing Area

**Exit Criteria for Regression Testing:**

* 1. Complete execution of all the functional and integration level test scripts
  2. Closure of all the defects raised during Regression Testing.

6.System Requirements

## 6.1 Hardware Requirements

* RAM – 1024 MB
* Processor – P4

## 6.2 Software Requirements

* MS Excel
* Eclipse
* JDK 1.5.0\_4
* Selenium Jar Files
* Web Driver