**Test plan for**

**<<Nbyula>>**

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# Introduction

Nbyula, a german technology brand, is a horizontal marketplace encompassing people, content, technology, & services for international studies and work, with the goal of enabling and empowering "Skillizens without Borders. The website is used by student as well as working professionals to connect with the each other and learn new technologies.

## Scope

### In Scope

New Account – Admin can create a new account for existing customer.

User can create a new account by entering appropriate information and setting up a username and password

Edit Account - Admin can add an edit account details for customer.

Book a Skylift – Admin can authorize the booking by the user.

User can book a seat for Skylift if they are logged in and authorized.

Delete Account – Admin can delete an account for the customer if a request is made.

Quests – User can ask their queries in the quests and also reply to the existing queries.

Admin can reply to the queries if there have been many requests for the same.

### Out of Scope

1.Database Logical

2.Website security.

3.User Interface.

## Quality Objective

The test objectives are to verify teh functionality of NBYULA website the project focuses on testing whether the basic functionalities such as logging in, quest solving etc are working.

## Roles and Responsibilities

|  |  |  |
| --- | --- | --- |
| **1.** | Test Manager | Manage the whole project Define project directions Acquire appropriate resources |
| **2.** | Test | Identifying and describing appropriate test techniques/tools/automation architecture Verify and assess the Test Approach Execute the tests, Log results, Report the defects. Outsourced members |
| **3.** | Developer in Test | Implement the test cases, test program, test suite etc. |
| **4.** | Test Administrator | Builds up and ensures test environment and assets are managed and maintained Support Tester to use the test environment for test execution |
| **5.** | SQA members | Take in charge of quality assurance Check to confirm whether the testing process is meeting specified requirements |

# Test Methodology

## Overview

The methodolgy used in this project is the waterfall method as it ensures that the testing is done serially and none of the aspects are ignored during the testing of website.

## Test Levels

**Integration Testing**

**System testing**

**API testing**

## Bug Triage.

## Suspension Criteria and Resumption Requirements

If the team members report that there are 50% of test cases failed, suspend testing until the development team fixes all the failed cases.

## Test Completeness

* 100% test coverage
* All Manual & Automated Test cases executed
* All open bugs are fixed or will be fixed in next release

# Test Deliverables

|  |
| --- |
| * Test Plan * Test Cases * Requirement Traceability Matrix * Bug Reports * Test Strategy * Test Metrics * Customer Sign Off |

# Resource & Environment Needs

## Testing Tools

Server

Test Tool

Network

Computer

## Test Environment

* Windows 8 and above, Linux, Mac OS
* Office 2013 and above
* MS Exchange, etc.