Test Report for Random Date Generator

Project Name: Random Date Generator Test Engineer: [Your Name] Date: [Current Date]

Test Summary

The purpose of this test is to verify the functionality of the random date generator. The generator should produce random dates within a specified range and ensure that the dates are valid.

Test Cases

Test Case ID

Test Case Description

Test Steps

Expected Result

Actual Result

Status

TC001

Generate a random date within the current year

1. Set the date range to the current year. 2. Generate a random date.

The generated date should be within the current year.

The generated date is within the current year.

Pass

TC002

Generate a random date within a specific range

1. Set the date range from 01/01/2000 to 12/31/2020. 2. Generate a random date.

The generated date should be within the specified range.

The generated date is within the specified range.

Pass

TC003

Validate the format of the generated date

1. Generate a random date. 2. Check the format of the date.

The date should be in the format yyyy-MM-dd.

The date is in the correct format.

Pass

TC004

Generate multiple random dates and check for duplicates

1. Generate 100 random dates. 2. Check for duplicates.

There should be no duplicate dates.

No duplicates found.

Pass

Bug Report

Bug ID: BR001 Title: Random Date Generator produces dates outside the specified range Description: When generating random dates within a specified range, the generator occasionally produces dates outside the specified range. Steps to Reproduce:

Set the date range from 01/01/2000 to 12/31/2020.

Generate 1000 random dates.

Check if any dates fall outside the specified range. Expected Result: All generated dates should be within the specified range. Actual Result: Some dates fall outside the specified range. Severity: High Priority: High Status: Open Environment: Windows 10, Java 11 Attachments: [Screenshot or log file if applicable]