Test Plan

**Project:**Visual MODFLOW Flex – Regression test

**Change History**

**Community Verified icon**

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| **06/03/2023** | **1.0** | **Plan creation** | **Tiago Costa** |
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# **Introduction**

This is a test plan made for the Desktop application Visual MODFLOW Flex. We performed an exploratory test phase into the regression testing procces. We are assuming that the bug corrected was in the function of creating a new project.

## **1.1 Document Identifier**

TP1.0 – Test Plan 1.0.

## **1.2. Scope**

We are testing impacts around creating a new project.

## **1.3. References**

Information was sent via email that mentions that a critical fix was made to the application. It mentions that the critical fix has been verified as working. The target is to verify that no other critical functionality was disturbed in the process.

## **1.4. Test category information**

Functional testing:

End–to-end testing

Regression testing

Non-functional testing:

Installation testing

Not covered in this plan: Performance testing

# **Details for this Test Plan Level**

## **2.1 Features to be tested**

Install the Desktop application (TC-1)

Create a new project (TC-2)

Update project (TC-3)

Open existing project (TC-4)

## **2.2 Features to be tested**

Not covered in this plan: Usability and performance

## **2.3 Approach**

BLACK BOX Testing

## **2.4 Success criteria**

Success = all test cases executed all and bugs reported

## **2.5 Test deliverables**

⎯ Test cases

⎯ Bug Reports

⎯ Automation Test

# **3. Test management**

This section describes the test plan task sequence.

## **3.1 Planned activities**

Desktop application download

Desktop application installation

Desktop application

Perform test cases

## **3.2 Schedule, estimate, and costs**

Executed in 48hrs

## **3.3 Risk(s) and contingency(ies)**

If bugs are not corrected, users can lose unsaved data.

# **4. General**

## **4.2 Metrics**

4 Test cases

2 Bug reported

1 Automated test created

## **4.3 Test Coverage**

Created one Test Case (TC) for every function tested