**Test Plan**

**Written By: Komal Dewan**

**Date: Apr 22, 2025**

**Project: Ultra Data Saving Mode**

1. **Introduction**
   * **Overview**: This primary purpose of this test plan is the testing of “Ultra Data Saving Mode” feature for Samsung Android Mobile OS.
   * **Scope of Testing**: The plan is to test all the features listed in the feature list for this application like, mode on/off, able to add apps when feature is on, Savings report should be generated, and all the functionalities will be tested.
   * **Team**: Developers, Testers, Project Manager, and Stakeholders.
2. **Objective**
   * This feature will optimize mobile data by allowing only selected applications to consume mobile data in background. This feature will also contribute to improve battery life.
3. **Test Strategy**
   * **Type of Testing:** Functional, Performance, and Usability testing.
4. **Test Criteria**
   * **Entry Criteria**: 1. Test documentation is created.

2. Test environment is ready

* + **Exit Criteria**: 1. All bugs in Jira are fixed along with blocker and critical severity defects.

2. Planned deliverables are ready.

3. Project is approved by stakeholders and project manager.

1. **Schedule**
   * Functional Testing: 4 weeks (April 21 - May 19)
   * Performance Testing: 2 weeks (May 20 - Jun 02)
   * Usability Testing: 1 week (Jun 03 – Jun 10)
2. **Test Environment**
   * **Hardware:** Samsung Galaxy A Series,
   * **Software:** Android OS version 14.
3. **Roles and Responsibilities**
   * Project Manager and Stakeholders will approve the feature after development and testing.
4. **Test Cases**
   * Test Case Id: 0001
   * Title: Ultra Data Saving Mode enable option
   * Steps: On Idle screen🡪 Go to mobile Settings🡪 Tap on Connections🡪 Scroll down to the bottom🡪 then tap on Ultra data saving mode🡪 Select Enable option.
   * Expected Result: Ultra data saving mode should enable.
   * Actual results: Ultra Saving mode gets enabled. [Pass]
5. **Risks and Mitigations**
   * Changes to the original requirements or designs.
   * Late delivery of the software due to lack of resources when testing is to begin.
6. **Tools and Techniques**
   * Selenium for automation testing, and manual testing.
7. **Reporting and Communication**
   * All the documents will be shared through GitHub to Project Manager, or Stakeholders and bugs will be reported in Jira.