**Zambia Minimal Viable Product(MVP) Testing Plan**

**Purpose**

The goal of this MVP test is to determine whether the app runs effectively in African environments, where connectivity and device availability may vary. This pilot will help us evaluate technical performance and user preferences before wider deployment.

**MVP – Priorities**

* Demonstrate key diagnostic techniques, including William’s apps, effectively.
* Ensure text-based quiz functions operate smoothly.
* Confirm that notification features work correctly in offline mode.
* Verify that touch and drag interactions perform reliably on various devices.
* Create and compare both a simple HTML version and an APK version of the app.
* Optimise both versions for performance prior to field testing.

**Test Versions**

* **HTML version**: Simple Direct Ophthalmoscopy module I created, with embedded videos and simplified navigation.
* **APK version**: Pupil Exam App, updated with a dashboard and buttons to access additional modules from within the app.

**Survey Topics**

* **Device Information**: Type of phone and software used. (Previous data suggests ~84% Android usage, 55% using 3G and 22% 4G.)
* **Performance**:
  + Was the download/installation smooth?
  + Did the app load and run without issues, or were there delays?
* **Platform Preference**:
  + Would users prefer using the app on mobile or desktop?
  + (Existing data shows ~80% mobile usage, ~20% desktop, and minimal tablet usage in Africa.)
  + Clarify whether desktop/mirroring features would mainly be used in group or lecture settings, or if learners would engage with the app independently in their own time.