The Bible Story Producer App

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The Bible Story Producer App
An Oral Bible-Story Translation Tool
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Overview
The team developed an Android Application to help bring Bible stories to people who don’t have Scripture in their heart language.

Key Facts & Terms
- **Template**: A collection of audiovisual data needed to make a Bible story video in a language of wider communication (LWC).
- **LWC**: A language Scripture has already been translated into.
- **Mother tongue**: The target language, into which Scripture has not yet been translated. This language is only spoken and does not contain an orthography.

App Purpose
The purpose of the app is to facilitate the translation of LWC templates into mother-tongue Bible story videos. This translation is carried out by bilingual laypersons who have received only minimal training.

The Translation Process
- **Learn** – View the video with LWC narration, becoming familiar with the story. (See right.)
- **Draft** – Record a draft translation of the narration in each slide.
- **Community Check** – Collect feedback from peers in community concerning the clarity and naturalness of the draft translation. Return to make revisions in draft phase as necessary.
- **Consultant Check** – Verify with consultant that the translation is accurate—that its meaning is faithful to the source text.
- **Dramatize** – Re-record the approved translation more expressively, possibly enlisting multiple voice actors.
- **Export** – Output a single video file for distribution, automatically synthesizing pictures, narration, and soundtrack. (See right.)

A Library for Animated Slideshow Videos
Essential to the function of the app is the creation of animated slideshow videos from the image, narration, and soundtrack resources during the export phase.

To address this problem, the team developed an entire Java library with capabilities to:
- Encode/decode audio and video
- Concatenate narration audio files
- Mix narration and background soundtracks
- Sequence story pictures aligned with narration
- Animate images with panning and zooming