Laos Training App

A tablet-based solution for training immunization facility workers in Laos

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Immunization centers in Laos report summaries of vaccine stock levels and cold chain refrigerator performance.

Cold chain managers, health facilities, and vaccine recipients can benefit from accurate, up-to-date information.

New health facility workers, unfamiliar with SMS messaging and Latin characters, must send these SMS reports.

Currently, new workers struggle to learn from non-interactive PowerPoint slides.

Our solution
A tablet-based interactive training application built in Android

Browsing of Lessons
Each instructional package consists of
- a video on a specific topic
- related quizzes and puzzles

Training Videos
- Consistent training
- Segments can be replayed as necessary
- Videos can be refined by instructors

Interactive Quizzes
- Dynamic feedback
- Gamification can enhance learning

Architecture
Training packages
Video player
Quiz system

Android application

Tablets in Laos

Spring Quarter Timeline
Week 1
Design
Weeks 2-3
Basic implementation of cold chain application
Week 4
Send app with Richard to Laos for feedback
Weeks 4-6
Focus on making app extensible
Weeks 7-8
Design revisions based on feedback from Laos
Week 9
Wrap up extensibility, convert language to Lao
Week 10
Final presentation

Collaborators
Ranjit
UNICEF cold chain consultant
Viorica
UNICEF Chief of Health and Nutrition in Laos
Trevor
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Related Work
Digital Green
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