

## **Slide 1**

Offline-first Digital Learning App

Technology Solutions (App + Infrastructure)

## **Slide 2**

Home Screen (Offline + Online)

- Subjects list (Math, Science, English, Punjabi, etc.) - Preferred language option (Punjabi / Hindi / English) - Personalized learning experience

## **Slide 3**

Content Section

- Text lessons (lightweight, low bandwidth) - Audio lessons (for weak readers) - Compressed video lessons - Practice quizzes with instant feedback

## **Slide 4**

Offline Mode

- Works without internet using local storage / SD cards - Syncs automatically when internet is available - Updates lessons, quizzes, and student progress

## **Slide 5**

Progress Tracking

- Students can track syllabus completion - Points/Badges for motivation - Encourages engagement and competition

## **Slide 6**

Teacher Dashboard

- Track student progress and quiz scores - Identify weak students - Assign tasks and view completion reports

## **Slide 7**

### How it Works

1. Student selects subject and language 2. Learns via text, audio, video, or quizzes 3. Offline mode stores progress locally 4. When online, syncs with teacher dashboard 5. Teachers monitor reports and give assignments