



SCHOLIVO

Smart School Management Platform

Feature summary — what is built and working

Web platform · Mobile app (Android / iOS) · Multi-school



OVERVIEW

One platform, two apps, many schools

- A web back-office for school staff — admissions, academics, fees, reports.
- A mobile app for parents and students (Android & iOS).
- Multi-school: one installation runs several campuses, each with its own data.
- 8 user roles, each with its own dashboard and an editable permission matrix.

WHAT'S INCLUDED

Modules built into the web platform

- Students & Admissions
- Timetable (manual + auto)
- Fees & Collection
- Notice Board
- Internal Messaging
- Live Classes
- Settings & Branding
- Classes / Sections / Subjects
- Attendance & Reports
- Accounting (income/expense)
- Events & Holidays
- Homework
- Parent-Teacher Meetings
- Role Permissions
- Staff
- Exams, Marks & Results
- Library
- Downloads (files/forms)
- Lesson Plans
- Reports

8 ROLES

Who uses it

- Super Admin — creates schools, assigns admins, can log in as any school's admin.
- Admin — full control of one school.
- Accountant — fees, discounts, collection, accounting, reports.
- Teacher — attendance, marks, homework, lesson plans, live classes, timetable.
- Receptionist — admissions and front-desk records.
- Librarian — book catalogue, members, issue / return.
- Parent — track every child (across schools) — attendance, marks, fees, homework.
- Student — own attendance, marks, timetable, fees, homework.

Parent & student portal

- See attendance, marks, timetable and fees.
- View homework and submit it; see lesson plans and join live classes.
- Book a Parent-Teacher Meeting slot; the teacher confirms and you're notified.
- Read school notices and announcements; message your child's teachers (two-way).
- One parent account covers all children — even across different schools.
- Prospective parents can browse public notices/events without an account (guest mode).

Mobile app (Flutter) — screens built

- Login
- Marks & Results
- Notices
- Lesson Plans
- Meetings (book a slot)
- Library
- Dashboard
- Fees
- Announcements
- Live Classes
- Events
- Guest mode
- Attendance
- Timetable
- Homework + submission
- Messages (two-way)
- Downloads (files/forms)

The app compiles clean (flutter analyze: no issues) and every screen is wired to a working API.

Technology

- Backend: Laravel 12 on PHP 8.2+.
- Mobile: Flutter — one codebase for Android and iOS.
- API: versioned REST API (v1) with token authentication.
- Database: MySQL. Runs on standard LAMP / LEMP or cloud hosting.

VERIFIED

Current status

- Every web module loads and functions for its intended roles.
- Mobile app compiles clean; every screen pulls live data from the API.
- Parent / student portal tested end-to-end (homework, messaging, meeting booking).
- Parent-Teacher Meeting booking — web + mobile + API, 9 dedicated tests.
- 96 automated tests passing. Multi-school admin login & password reset working.

Still to do

Push notifications — code scaffolded, but needs a Firebase project and a rewrite to the current FCM API (the old one it uses was retired in 2024).

Teacher-only class scoping · mobile login for teachers · production email (SMTP).