Learning Portal — Feature List

A complete online academy platform: live classes, attendance, content, assignments, fees and reporting for students, teachers, parents and administrators.

For students

- **In-portal live classes**
  Join Zoom classes inside the portal — no external app, no shared links.
- **Notes & recordings**
  Every lecture recording and note, organised by course and protected from download.
- **Assignments & submissions**
  Submit work online, see teacher annotations and grades in one place.
- **Attendance you can see**
  Live status (present, late, left early) with exact minutes attended.
- **Progress & insights**
  Grades, attendance rate and trends across every subject.
- **Fees & receipts**
  Invoices, payment history and downloadable receipts.
- **Support tickets**
  Raise an issue and track the reply without leaving the portal.

For teachers & assistants

- **Class scheduling**
  One-off and weekly recurring classes with Zoom links created automatically.
- **Attendance marking**
  Auto-marking from live Zoom data, plus manual review and approval.
- **Grading & annotation**
  Mark submissions, annotate PDFs and return them to students.
- **Content library**
  Google Drive-synced notes and recordings published per course.
- **Teaching assistants**
  Granular permissions so assistants help without full teacher access.
- **Student insights**
  Per-student attendance, submission and grade history.

For parents

- **Child overview**
  Read-only view of classes, attendance, grades, notes and notices.
- **Progress reports**
  Regular updates without chasing WhatsApp groups.

For administrators

- **Admin dashboard**
  Greeting hero, live status, quick actions and pending-item alerts.
- **Enrolment management**
  Registrations, approvals, course and batch assignment with advanced filters.
- **Fees & expenses**
  Invoices, payments, statements and expense tracking.
- **Recording sync**
  Automatic Zoom cloud recording capture with retries and admin alerts.
- **Device control**
  One-device-per-student policy with change requests and approvals.
- **Announcements**
  Pinned notices with per-student read acknowledgement.
- **Security & roles**
  Role-based access with row-level database security throughout.