

LMS Platform Teacher Dashboard Workflow

1. Authentication & Profile

- **Login (1)** → User logs in as **Teacher**
- **Profile (1)** → View and edit personal information, update password, set preferences.

2. Dashboard (Home)

- After login, user lands on **Dashboard (1)** → Overview of classes, assignments, announcements, analytics, and quick links to key modules.

3. Content Management

1. **Upload Content (1)** → Teacher/Admin uploads course materials (PDF, PPT, videos).
2. **Content Library (1)** → All uploaded content is organized by subject & class for easy student access.

4. Assignments & Exams

1. **Create Assignment (1)** → Teacher creates assignment or exam, sets due date.
2. **Assignment List & Submissions (1)** → Teacher views submissions from students.
3. **Grading & Feedback (1)** → Teacher grades and gives feedback; students view results.

5. Video Tools

1. **YouTube Search & Add (1)** → Teacher searches educational videos and adds them to lessons.
2. **Video Enhancement (1)** → Enhance video quality, add captions, or annotations.

6. Student Analytics

1. **Class Performance Dashboard (1)** → Teacher/Admin sees overall class performance.
2. **Student Detail View (1)** → Drill down into individual student performance & attendance.

7. Communication

1. **Messages (1)** → Direct messaging between students, teachers, and admins.
2. **Announcements (1)** → Broadcast important updates to entire classes.

8. Gamification

1. **Leaderboard & Badges (1)** → Students earn points and badges; leaderboard shows top performers.
2. **Game Zone Management (1)** → Manage educational games and challenges.

9. Competitive Exam & Coding Practice

1. **JEE/NEET Material Upload (1)** → Teacher/Admin uploads competitive exam prep material.
2. **Programming Practice Management (1)** → Manage coding practice questions and tests.
3. **Real-time Coding Editor (1)** → Students write, compile, and run code in-browser.

10. Automation

1. **Homework Reminders (1)** → Automated alerts for pending assignments.
2. **Automated Reports (1)** → Periodic performance reports sent to students & parents.

11. AI Assistant

- **AI Assistant Chat Interface (1)** → Students & teachers ask questions, get instant answers, or receive study recommendations.

12. Parent–Teacher Communication

1. **Parent Messaging Page (1)** → Parents send/receive messages from teachers.
2. **Parent Updates & Notifications Page (1)** → Receive updates on student performance and activities.

Module	Pages / Screens (TOTAL=24)
1. Dashboard (Home)	1
2. Content Management	Upload Content (1) + Content Library (1) → 2
3. Assignments & Exams	Create Assignment (1) + Assignment List & Submissions (1) + Grading & Feedback (1) → 3
4. Video Tools	YouTube Search & Add (1) + Video Enhancement (1) → 2
5. Student Analytics	Class Performance Dashboard (1) + Student Detail View (1) → 2
6. Communication	Messages (1) + Announcements (1) → 2
7. Gamification	Leaderboard & Badges (1) + Game Zone Management (1) → 2
8. Competitive Exam & Coding Practice	JEE/NEET Material Upload (1) + Programming Practice Management (1) + Real-time Coding Editor (1) → 3
9. Automation	Homework Reminders (1) + Automated Reports (1) → 2
10. AI Assistant	AI Assistant Chat Interface (1)
11. Authentication & Profile	Login (1) + Profile (1) → 2
12. Parent-Teacher Communication	Parent Messaging Page (1)+ Parent Updates & Notifications Page(1) → 2



Admin Dashboard – Workflow

The **Admin Dashboard** acts as the **central control hub** for all administrative tasks in the LMS platform.

1. Authentication & Profile

- **Login (1)** → Secure authentication for admin access.
- **Profile (1)** → Update admin details, password, and preferences.

2. Dashboard (Home)

- Overview of all modules.
- Quick links to user management, reports, communication, analytics, and security.
- Displays alerts, pending tasks, and system status.

3. User Management

- **Manage Users (1)** → Add, edit, or remove students, teachers, and parents.
- **Assign Teachers to Subjects (1)** → Map teachers to specific classes and subjects.

4. Role & Permission Management

- **Role & Permission Management (1)** → Define and control access rights for different roles (admin, teacher, student, parent).

5. Academic Content Control

- **Syllabus Management (1)** → Add and update syllabus for each grade/subject.
- **Content Moderation (1)** → Review and flag(if any changes) uploaded content to maintain quality.

6. Reports, Tracking & Scheduling

- **Reports Review (1)** → View academic and administrative reports.
- **Progress Tracking (Teacher) (1)** → Monitor teacher activity and class progress.
- **Login/Logout Tracking (1)** → Track system usage by all users.

- **Calendar & Scheduling (1)** → Manage academic calendar, events, and deadlines.

7. Analytics & Insights

- **Analytics & Insights (1)** → Visual dashboards showing trends in performance, engagement, and resource usage.

8. Communication

- **Announcements (1)** → Publish updates to all users.
- **Emergency Alerts (1)** → Send urgent notifications to specific groups.
- **Parent Messaging (1)** → Direct communication with parents.
- **Parent Updates & Notifications (1)** → Share student progress and school news.

9. AI & Support Tools

- **Chatbot Support (1)** → AI assistant to answer common questions and provide help.

10. Enhancements & Accessibility

- **Custom Badge System (1)** → Create and manage recognition badges for students.
- **Regional Language Support (1)** → Enable multi-language options for better accessibility.
- **Offline Mode Monitoring (1)** → Monitor student activity even when offline.
- **Relaxation & Motivation Zone (1)** → Access to motivational content and stress-relief activities.

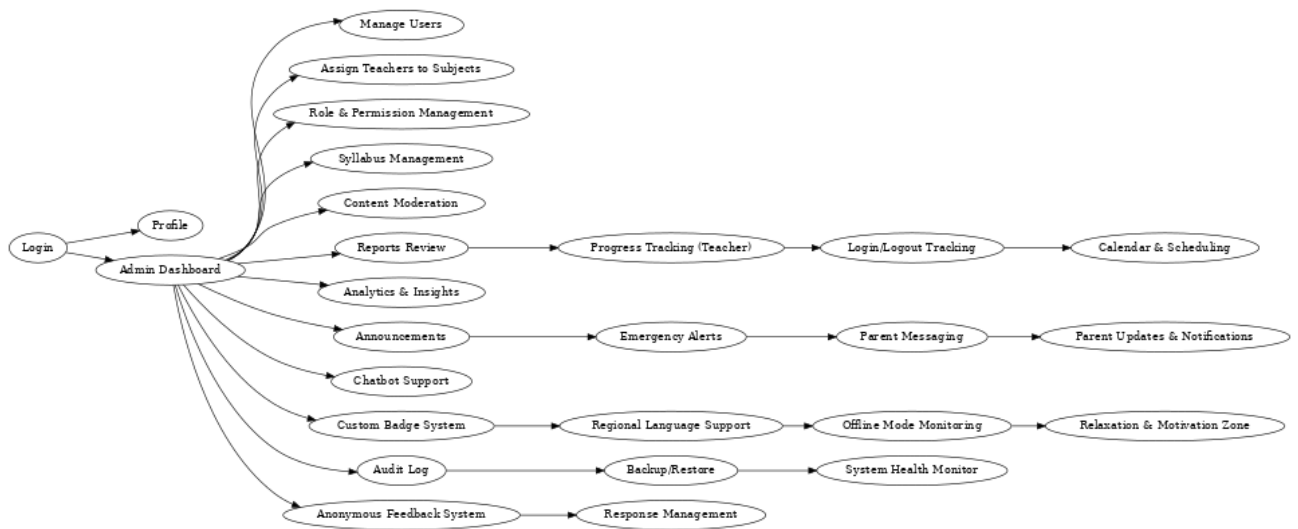
11. Security & Maintenance

- **Audit Log (1)** → Keep records of all system actions for security purposes.
- **Backup/Restore (1)** → Maintain and restore system backups.
- **System Health Monitor (1)** → Monitor performance and uptime.

12. Feedback

- **Anonymous Feedback System (1)** → Allow users to submit feedback without revealing identity.
- **Response Management (1)** → Admin reviews and responds to submitted feedback

Module	Pages / Screens (TOATL =27)
1. Dashboard (Home)	1
2. User Management	Manage Users (1) + Assign Teachers to Subjects (1) → 2
3. Role & Permission Management	1
4. Academic Content Control	Syllabus Management (1) + Content Moderation (1) → 2
5. Reports, Tracking & Scheduling	Reports Review (1) + Progress Tracking (Teacher) (1) + Login/Logout Tracking (1) + Calendar & Scheduling (1) → 4
6. Analytics & Insights	1
7. Communication	Announcements (1) + Emergency Alerts (1) + Parent Messaging (1) + Parent Updates & Notifications (1) → 4
8. AI & Support Tools	Chatbot Support (1) → 1
9. Enhancements & Accessibility	Custom Badge System (1) + Regional Language Support (1) + Offline Mode Monitoring (1) + Relaxation & Motivation Zone (1) → 4
10. Security & Maintenance	Audit Log (1) + Backup/Restore (1) + System Health Monitor (1) → 3
11. Authentication & Profile	Login (1) + Profile (1) → 2
12. Feedback	Anonymous Feedback System (1) + Response Management (1) → 2

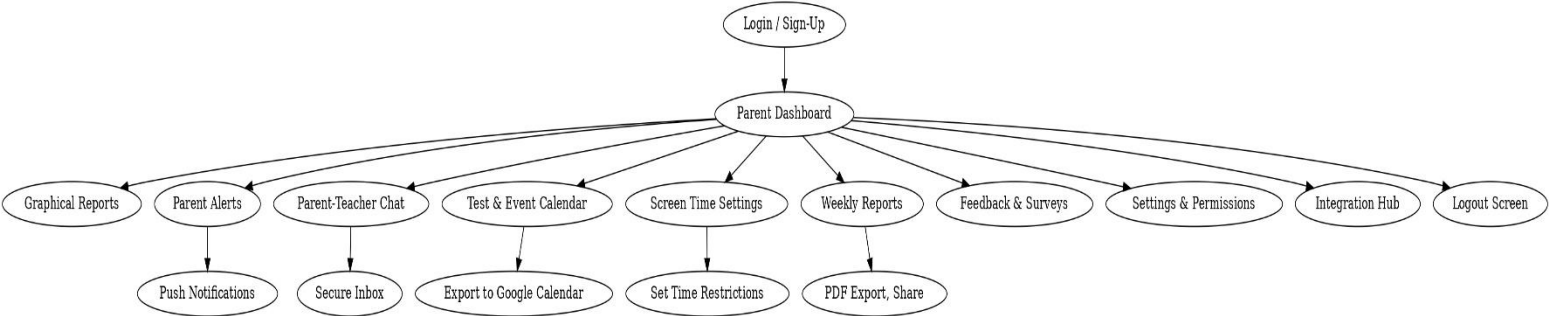


Student & Parent Features – LMS Screen Flow Table

Screen No.	Screen Name	Purpose / Functionality	Visible To	Key Actions / Elements
1	Login / Sign-Up	Secure access for students and parents	Student, Parent	Email/Phone Login, OTP, Signup
2	Student Dashboard	Overview of enrolled courses, tasks, progress	Student	Progress bars, task summary, notifications
3	Course Viewer	Access course materials (video, pdf, notes)	Student	Play videos, open PDFs, mark as completed
4	Live Classes	Join scheduled Zoom/Meet or built-in class	Student	Join button, calendar integration
5	Quiz / Assessment	Attempt quizzes, exams, and assignments	Student	Timer, MCQs, subjective fields, submit button
6	Grade & Feedback View	See performance, scores, teacher feedback	Student	Download report, visual graphs
7	Doubt & Comments	Ask questions or comment under lessons	Student	Post doubt, upvote answers
8	Message Center	Secure chat with teachers	Student	Send/Receive messages
9	Calendar & Reminders	Track deadlines, exams, live classes	Student	Sync events, reminder alerts
10	Gamification Center	Track XP, badges, quests, streaks	Student	Leaderboard, mini-challenges
11	Profile Settings	Edit profile, password, preferences	Student	Profile picture, theme, account settings
12	Self-Learning Resources	Access extra materials like e-books	Student	Open/download, tag as favorite

13	Parent Dashboard	Track child's performance, attendance	Parent	Graphical reports, alert feed
14	Parent Alerts	Get notified on low performance or tasks	Parent	Push notifications, alert settings
15	Parent-Teacher Chat	Communicate with child's teacher	Parent	Secure inbox, attachments
16	Test & Event Calendar	Sync child's exams and PTMs	Parent	Export to Google Calendar
17	Screen Time Settings	Set limits on child's app usage	Parent	Enable/disable app time restrictions
18	Weekly Reports	Auto-generated performance summaries	Parent, Student	PDF export, share via email
19	Offline Access Screen	View downloaded lessons and materials	Student	Manage downloads, clear cache
20	Adaptive Learning Dashboard	AI-powered content suggestions	Student	Suggested resources, improvement tips
21	Programming and Value added Courses	Learning videos , and more	Student	Learn , prepare for the future .
22	Feedback & Surveys	Submit ratings or feedback	Student, Parent	Polls, open feedback form
23	Settings & Permissions	Control notification, data access	Student, Parent	Privacy, theme, data sync
24	Integration Hub	Google Classroom, Zoom, ERP sync	Student, Parent	Login with Google, connect ERP
25	Logout Screen	Secure logout with summary	Student, Parent	Log out button, session log

Parent Workflow Diagram



Super Admin LMS Features – Screen Flow Table

Screen No.	Screen Name	Purpose / Functionality	Visible To	Key Actions / Elements
1	Login Screen	Secure login for both super admins	Developer & School Super Admin	Email/Password login, Forgot password
2	Super Admin Dashboard	View overall system stats and activity logs	Both	Total users, error logs, recent activity
3	User Management	Add, edit, or delete users and assign roles	Both	Manage teachers, students, admins
4	Institution Management	School profile setup, branch configuration	School Super Admin	Edit school info.
5	Role & Permission Control	Create custom roles, define permissions	Developer Super Admin	Set access levels for all user types
6	Content Approval Panel	Approve or reject course content submitted by teachers	Both	Preview, approve/reject, comment
7	Branch Monitoring	Monitor and control multiple institution branches	Both	View branch stats, switch views
8	Audit & Logs	Track every admin's action across modules	Both	Filter logs, export logs
9	Support Tickets	Manage tickets from school admins or teachers	Both	View, assign, resolve tickets

10	Communication Hub	Send system-wide announcements or emails	Both	Compose, schedule, send
11	Backup & Restore	System backup, restore data if needed	Developer Super Admin	Schedule backup, download snaps
12	Security Settings	2FA, access control, password policies	Developer Super Admin	Toggle 2FA, set limits
13	Analytics & Reports	Advanced reporting on performance & usage	Both	Download reports, customize charts
14	System Updates	Manage feature rollouts, software versioning	Developer Super Admin	Update logs, deploy rollback
15	Feedback & Ratings	Collect LMS feedback from users	School Super Admin	Read feedback, mark resolved
16	Certificates & Compliance	Manage compliance documentation	Both	Upload, validate, archive
17	Events and nearby workshops update , scholarships etc	Manage and update such events and promote students to join	School Super Admin	Upload , Add events , Collect data
18	Developer Console	Debugging and test environment tools	Developer Super Admin	Access logs, run queries
19	Logout	End current session securely	Both	Logout button, confirm popup

