ABSTRACT

Project

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MusicLearn Hub

MusicLearn Hub is a comprehensive and user-centric instrumental academy management platform designed to facilitate seamless communication, learning, and progress tracking for Leaners, parents, tutors, and administrators. The platform is tailored to accommodate multiple educational levels, from primary schools to universities, and offers a range of features to enhance the music learning experience.

Users/Modules

- **Learner**: Learner are the primary users of the instrumental academy. They can sign up for courses, attend classes, access learning materials, participate in discussions, and track their progress.
- **Tutors/Mentors**: Apart from regular instructors, you can have a group of tutors or mentors who offer additional one-on-one support or personalized coaching to Leaners.
- **Administrators**: Administrators have overall control of the website and manage user accounts, course offerings, and website settings. They can also handle payments and resolve disputes. They can create and manage course content, schedule classes, provide feedback to Leaners, and track Leaner progress.

Learner

- **Login/registration**: Leaner can register and login to the account.
- **Course Enrolment:** Leaner can enroll the batch and course after registration.
- **Dashboard:** Provide a dashboard where Leaners can view their enrolled courses, upcoming classes, and progress.
- **Class Materials Access**: Leaners can access video and lectures uploaded by their tutor.
- **Class Participation**: Enable Leaners to join class through providing link and interact with instructors and schedule live section.
- **Progress Status:** Track and monitor their progress such as completed assignments and video completion and upload their working videos and get feedback from the tutor.
- **Certificates and Achievements**: Award certificates and achievements to Leaners upon completing courses or reaching specific milestones.
- **Scheduling and Reminders:** Provide a calendar with class schedules and send reminders to Leaners about upcoming classes or assignments.
- **Discussion Forums**: Allow Leaners to general music-related discussion forums to interact with peers and instructors.
- **Playlist Creation**: Allow Leaners to create playlists of their favourite lessons, practice routines, or compositions for easy access.

- **Communication with Instructors**: Allow parents to communicate with instructors to discuss their child's progress, concerns.
- **Payment**: Leaners can pay fee, view and manage payment information, including fees paid, upcoming payments.

Tutor

- **Tutor Profile**: Allow tutors to create and manage their profiles, showcasing their qualifications, areas of expertise, and availability.
- **Availability Management:** Enable tutors to set their availability for one-on-one sessions and manage their schedules.
- **Attendance Management:** Mark the attendance of each Leaner in scheduled live sessions.
- **Class Scheduling:** tutor can schedule live classes, set class durations, and assign instructors to specific classes.
- **Progress Tracking**: Allow tutors to track their Leaners' progress, review practice sessions, and provide feedback for improvement.
- **Lesson Materials Sharing:** Allow tutors to share supplementary learning materials, exercises, and resources with their Leaners.
- **Customized Learning Plans**: Create individualized learning plans for Leaners based on their strengths, weaknesses, and learning styles.
- **Salary**: Tutor can get their salary per month.

Admin

- **User Management**: Administrators can manage user accounts, including creating new accounts, approving registrations.
- **Course Management**: Administrators have the authority to create, edit, and delete instrumental courses. They can also organize courses into categories.
- **Course category**: daily batch, weekend batch and summer vacation batch.
- **Enrolment Management**: Monitor course enrolments, review Leaner applications.
- **Financial Management:** admin can view the payment details done by the Leaner and can pay salary for tutor.
- **Tutor Management**: Administrators can add, remove, or modify tutor accounts. They can also review instructor performance and feedback.
- **Attendance Management:** Mark the attendance of each tutor in scheduled live sessions.
- **Analytics and Reporting:** Provide administrators with insights into user engagement, course popularity, and overall website performance through analytics and reporting tools.
- **Certificate Generation**: Automatically generate and issue certificates to Leaners upon successful completion of courses.

Mini project

Learner

- Login/registration
- Course Enrolment
- Class Materials Access
- Class Participation
- Scheduling and Reminders
- Communication with Instructors
- Payment (Page)

Tutor

- Tutor Profile
- Attendance Management
- Class Scheduling
- Lesson Materials Sharing
- Progress Tracking

Administrator

- User Management
- Course Management
- Enrolment Management

Main Project

Learner

- Dashboard
- Progress Status
- Certificates and Achievements
- Discussion Forums
- Playlist Creation
- Payment

Tutor

- Salary monitoring
- Customized Learning Plans

Administrator

- Financial Management
- Tutor Management
- Attendance Management
- Analytics and Reporting
- Certificate Generation