ABSTRACT

Project title : Melodia (A website for a musical institution.)

Existing system

The existing system is a manual system. It keep all records manually. All processes are done through paper and without the use of any technology. The registration and further processes are difficult to do and also time consuming. The existing system need more space to keep all data manually and difficult to find the details. All processes are done directly without the help of any system. It is necessary to create an application to make all these processes easier.

Proposed system overview

Melodia is a musical institute. This website is to automate the process of the institution. At present the institution follows manual registration and further process. Through this website I am planning to make it online, so the users can access it from anywhere.

The institute has an owner and he is controlling the whole process. The institute providing musical instrument training. The institute follows two time schedules, which are evening and weekend classes. One student can register for maximum two classes.

There are trainers available to train the students. Each of them are good enough to train one of the instruments. The head of the institute (owner) controls the entire system.

Trainer can view the status of the students. The leave request by the student must be accepted by the trainer. Trainer can apply leave and wait for the admin approval. Trainer can view the details of the students whom he teaches. He can view the generated time table for him and the details of students in that time schedule.

Students can register for maximum of two courses. Students can apply leave through their on platform and can view the status of the applied leave. Students can also check the scheduled classes and provided with a time table of the registered classes.

Admin have the overall control of the system. He can view the details of the staffs and students those who registered with the website. He can monitor the total number of classes taken by the faculty. Admin can monitor the faculty's leave request and can approve or reject the leave request.

Types of users

1. Website Admin (owner)
2. Trainer
3. Students

User functionalities

1. Website Admin

The site admin have an overall control on the website which include functionalities like;

- View faculty details.
- Add/View/Remove faculty.
- View student details.
- Add/View/Edit Instruments.
- Assigning faculty
- Control and verify leave request of faculty.
- Approval of student registration.
- Upload/view payment status.
- Generation of reports-Fee status, course status, Attendance
- Chat system to communicate with students.
- Privilege to access and manage all functionalities of the system.
- Change password.
- Forgot password functionality with the help of registered mail.
- A mail notification system that helps to send emails to the users of the system.

2. Trainer

Trainer have control over students which include functionalities like;

- View schedule/Assigned instrument
- Apply/view/cancel leave status

- View students schedule wise and details.
- Approval of student's leave request.
- Upload student's attendance.
- Generate daily report
- Update/view course status
- Approval of student termination request.
- Update profile.
- Change password.
- Forgot password functionality with the help of registered mail.

3. Students

Students have functionalities like;

- View Registered course and schedule.
- Apply/view status of the course.
- Apply and view leave status.
- View payment status.
- Payment can be done through both payment gateway and institution's payment interface.
- Generate invoice of the payment and can download.
- A chat system to communicate with administrator.
- Apply termination of the course and view status.
- View Attendance percentage.
- All notifications are received through the mail. (related to course registration, fee, course termination).
- Change password.
- Forgot password functionality with the help of registered mail.
- Update profile.

Host details

Host link: https://getarunsaju.000webhostapp.com

Testing usernames and passwords

Admin: getarunsaju@gmail.com

Password: Get8592095528

Faculty: getarunpaul2020@gmail.com

Password: Get8592095528

Student: getarunpaulprojects@gmail.com

Password: Get8592095528