

ISHIR develops web application for VoiceLessons

Client

The client, VoiceLessons, is based in California, provides a platform to music students and teachers where they can collaborate and students can take online lessons from available teachers to upgrade their music skills. VoiceLessons web application allows teacher users to create their profile, define their availability, teach online and optimize their available time. Student users schedule lessons, connect musical instruments and stream LIVE notes.

Challenges

The client wished to upgrade their web application to Angular 5 from **DASH.** They wished to create an on-boarding flow to establish a huge user base.

The client set forth the following expectations for the platform:

- Integration with Auth0 for on-boarding
- Integration with Cronofy to sync user's calendars
- Integration with payment gateways like STRIPE
- Providing user functionality to save their debit/credit cards with payment gateways
- Refactor the version 1 code written in JQuery and integrate it in version 2 for online classes.
- Keep away the latency issues while online class session and avoid unnecessary delays

Solution

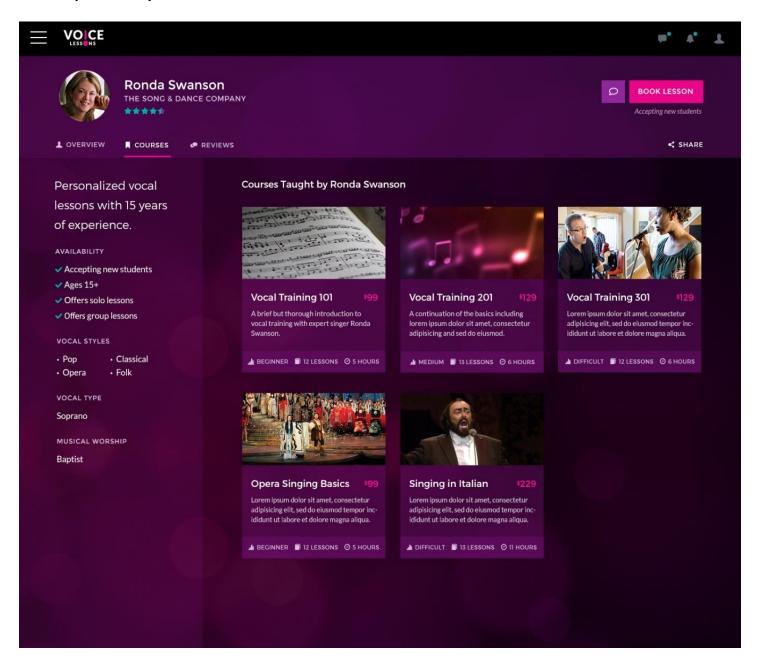
Keeping the unique requirements of the platform in consideration, ISHIR developed an end-to-end solution for VoiceLessons with extensive functionalities for prospective teachers and students. The teachers could register and login, set their availability, set the lesson hourly rates and accept the scheduled lessons. On the other hand, students could view the teacher and their availability with the hourly rates schedule the lessons for desired duration and pay for the lesson time. The ISHIR team implemented STRIPE with split payment feature in the application to manage the payments. The solution is deployed on AWS to make the site robust and scalable.

Tech Stack: Bootstrap 4, Angular 5, .NET – C#, SCSS, Web API, Entity Framework 6.0, Azure, SQL Server 2014, Angular Material.



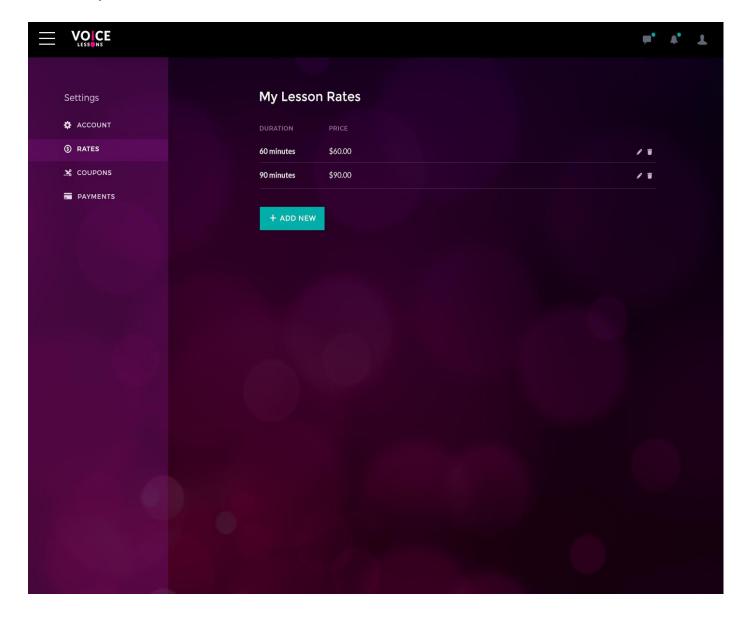
Some of the key features of the platform:

Courses provided by Teachers



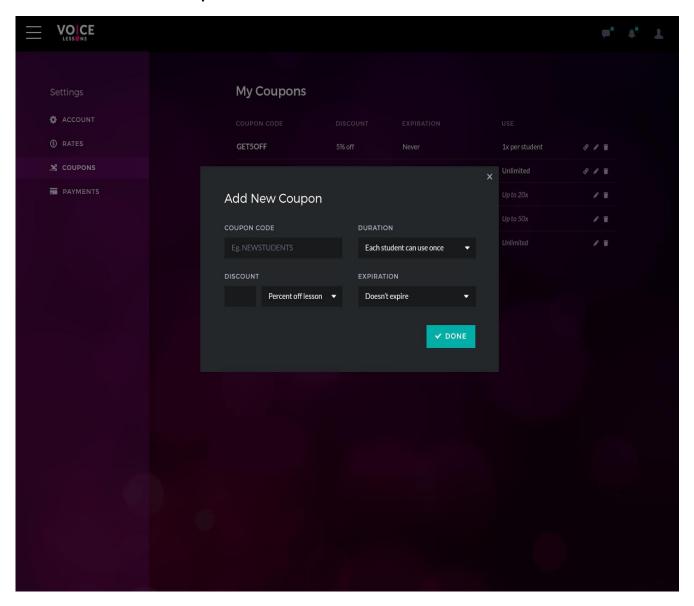


Teacher sets up Lesson Rates



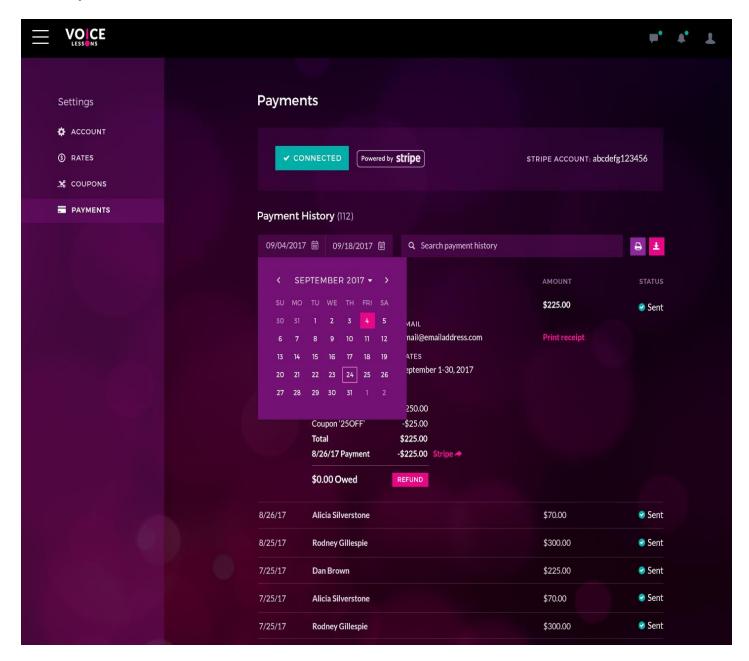


Teacher creates Discount Coupons



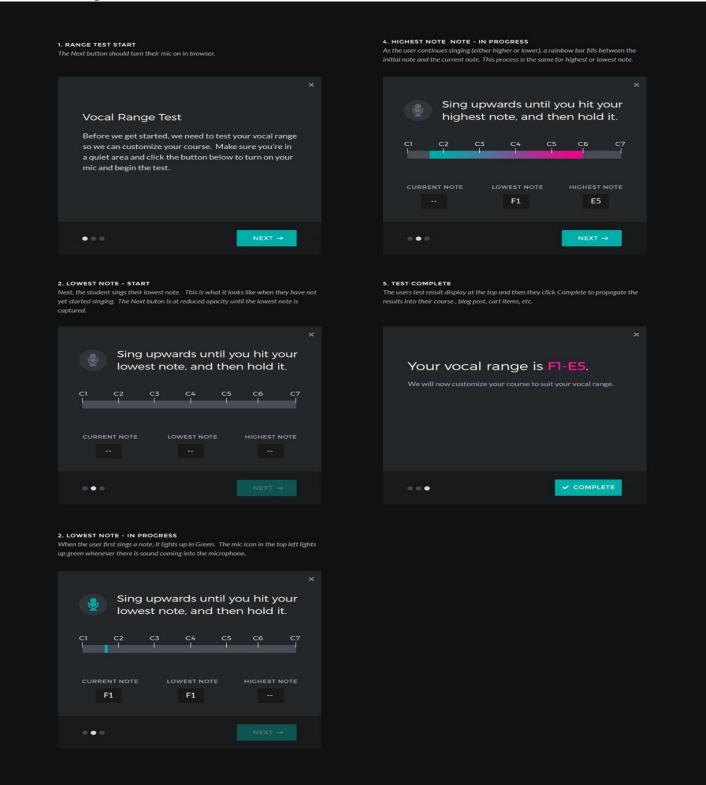


Track Payments





Test Voice Range





User's Dashboard

