ISHIR

Excellence Delivered.

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

VO!CE LESSONS

Settings

- ⚙ ACCOUNT
- Ⓢ RATES
- ✂ COUPONS
- ▭ PAYMENTS

My Lesson Rates

DURATION	PRICE		
60 minutes	$60.00	✏	🗑
90 minutes	$90.00	✏	🗑

+ ADD NEW

Teacher creates Discount Coupons

Track Payments

Test Voice Range

1. RANGE TEST START
The Next button should turn their mic on in browser.

Vocal Range Test

Before we get started, we need to test your vocal range so we can customize your course. Make sure you're in a quiet area and click the button below to turn on your mic and begin the test.

NEXT →

2. LOWEST NOTE – START
Next, the student sings their lowest note. This is what it looks like when they have not yet started singing. The Next buton is at reduced opacity until the lowest note is captured.

Sing upwards until you hit your lowest note, and then hold it.

| C1 | C2 | C3 | C4 | C5 | C6 | C7 |

CURRENT NOTE	LOWEST NOTE	HIGHEST NOTE

NEXT →

2. LOWEST NOTE – IN PROGRESS
When the user first sings a note, it lights up in Green. The mic icon in the top left lights up green whenever there is sound coming into the microphone.

Sing upwards until you hit your lowest note, and then hold it.

| C1 | C2 | C3 | C4 | C5 | C6 | C7 |

| CURRENT NOTE | LOWEST NOTE | HIGHEST NOTE |
| F1 | F1 | -- |

NEXT →

4. HIGHEST NOTE NOTE – IN PROGRESS
As the user continues singing (either higher or lower), a rainbow bar fills between the initial note and the current note. This process is the same for highest or lowest note.

Sing upwards until you hit your highest note, and then hold it.

| C1 | C2 | C3 | C4 | C5 | C6 | C7 |

| CURRENT NOTE | LOWEST NOTE | HIGHEST NOTE |
| -- | F1 | E5 |

NEXT →

5. TEST COMPLETE
The users test result display at the top and then they click Complete to propogate the results into their course , blog post, cart items, etc.

Your vocal range is F1-E5.

We will now customize your course to suit your vocal range.

✔ COMPLETE

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User's Dashboard

VO|CE
LESSONS

⚠ Lesson starts in **14 minutes** **JOIN**

Explore

📅 SCHEDULE

👥 STUDENTS

📋 LESSON HISTORY

✏ LESSON BUILDER

📊 LIBRARY

🔖 COURSES

View Profile

Edit Profile

Teacher Index

Settings

💰 **$1,024**
EARNED THIS MONTH

💰 **$9,587**
EARNED THIS YEAR

PROFILE COMPLETION

38%

COMPLETE PROFILE

✔ PERSONAL DETAIL

✔ CALENDER SYNC

✔ UPDATE AVAILIBILITY

✔ CONNECT PAYMENT

TODAY'S SCHEDULE | 10.20.17   View Full Schedule

9:00 - 10:00am	Allison Cassels		Actions ⌄
10:30 - 11:30am	Jamie Chen	⚠ Lesson starting soon	Actions ⌄
12:15 - 2:15pm	Giorlando Rodrigues		Actions ⌄
4:00 - 5:00pm	Mark Garrett		Actions ⌄

RECENT PAYMENTS RECEIVED   View Payment History

Mark Garrett	$150	3 days ago
Caleb Castillo	$200	3 days ago
Ann Hunter	$90	10 days ago
Florence Hanson	$240	15 days ago

STUDENTS   View All

Allison Cassels

Erin Watson

Lindsay Benson

Giorlando Rodrigues

Jamie Chen

Mark Garrett

LaRosa Smith

◁ ▷ **RECENT FEEDBACK**   View All

★★★★★

"Ms. Swanson is the best voice tutor I've ever had. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mol."

ALLISON C | 10/01/2017

● Jamie Chen