



Decker Digital Is a Video
Based Online Tool for
Communication Training.

THE CUSTOMER

Our client is one of the top communication training experts organization based out of US. They are providing communication training to the business professionals to understand how they come across in all communications situations and transform their impact the very next day.



THE CHALLENGE

Following are the key challenges faced by them:



Video Resolution & Faster Delivery - Client expected the course videos in high resolution without any pixelate



Voice & Pitch Analysis - A part of the course required Pitch and Voice analysis graph



Browser Compatibility - Should support all modern day browsers



Interactive Grids & Notes - Expected a new feature with drag & drop grids and draftable notes section for some part of the course

THE SOLUTION

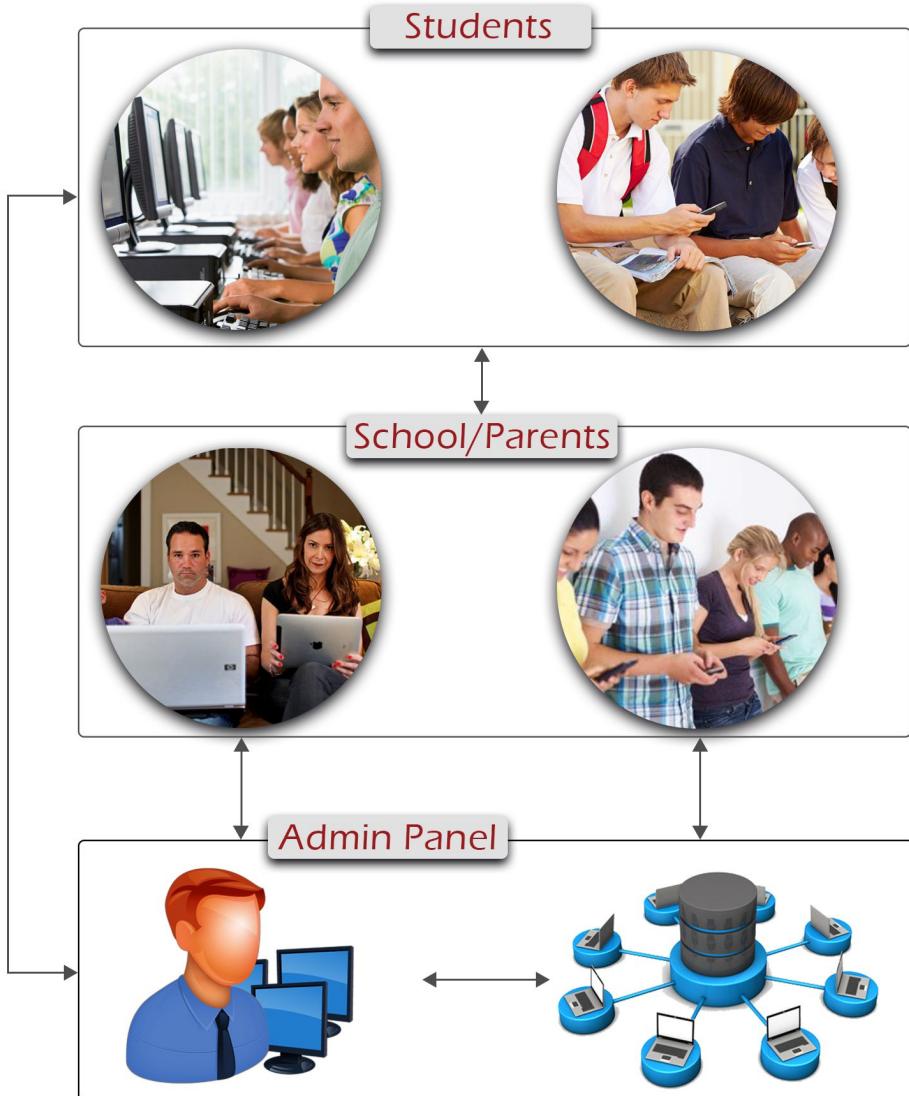
We engaged closely with the customer to take a deeper look at the applications requirements as well as the challenges involved. Based on our discovery phase, we provided an integrated approach to address their business needs.



Our scope of engagement included the following initiatives:

- Delivered the solution which supports all modern day browsers
- Videos are converted & Stored in Amazon Cloudfront to ensure faster delivery.
- Implemented JWplayer to play the course videos
- Video Recording and playback is implemented using Wowza Streaming Server
- Audio is processed using TarsosDSP and WebRTC for showing the pitch analysis graph
- Interactive features are developed with the help of javascripts
- License and Device restricted authentication to avoid misuse of content.
- Solution is designed to support devices 'with Camera and MIC', 'with Mic and without Camera' and 'without Camera and Mic'

APPLICATION LANDSCAPE



KEY INTEGRATIONS



TECHNOLOGY SNAPSHOT

Application Development



Video Player & Recorders



Server



Storage



Code Repository

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BUSINESS BENEFITS

We ensured that their application strategy was in tune with their overall business objectives. Broadly, the customer achieved the following out comes:



- Availability of 24*7 online interactive LMS for Students, Working Professional, etc.,
- Licensing Solution is designed in such a way that it will support individual to enterprise customers.
- The designed solution can be self hosted and we can use Moodle as a learning platform for managing the course contents
- Videos are delivered in high resolution with faster delivery time even though the internet speed is moderate for the end user
- Increase in customer base because of the availability of hardware (Cam & Mic) based flows
- Increase in Sales due to the flexibility of hosting the solution which is reflected in revenue generation
- Easily extensible, maintainable website to provide tailored solutions specific to each customers of our client



ABOUT AGIRA

Agira is one of the fastest growing technology companies, Agira Technologies specializes in crafting solutions for entrepreneurs, medium sized organizations, agencies and start-ups. With a blend of ingenuous expertise, system prowess, and cloud compatibility, Agira Technologies endeavors to maximize the profit that clients educe from their IT investment. We deliver full-cycle product development, right from scoping through production to deployment onwards to support and maintenance, with a keen attention to detail.

Our major aim is to offer seamless solutions to our clients with 100% satisfaction and error-free assurance. Expert in RoR, Laravel, Symfony and a few other open source platforms, we always adapt globally accepted validations and standards to provide a better user experience with ultimate outcomes.



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