

ABOUT THE CLIENT

Horizon Education is a leading US-based SAT (Scholastic Assessment Test) /ACT (American College Testing) training provider. With extensive experience in the education industry, the company empowers various schools, organizations, and nonprofits with a high-quality and affordable training program that prepares its students for college.

Founded by Dustin Bainbridge, Horizon Education is a smart student management and training platform that takes the stress away while educating students all over the USA. With their in-depth knowledge, experience with the SAT/ACT, and agile business operations they are certified to provide the best advice and services in the industry. While in the initial stage, the company ran on a successful offline model, the later phase required to elevate and promote the services digitally.

GOALS OF THE PROJECT

When the client approached Clavax, they were already running a successful offline system and a basic website supporting the schools, organizations, and nonprofits in staff training and student training programs for SAT/ACT examinations held in the USA. Leveraging the best-in-class technology, the client wanted to build an interactive digital education portal enabling teachers as well as students to be the part of the Horizon Education's community and get access to research-based strategies and materials which are aligned to SAT/ACT subject categories.

The major goals are as under

- Having easy trackability of student's attendance, results and weekly/monthly/yearly reports.
- A real-time solution to track student progress
- Quick student management dashboard to track all at a single screen
- Eliminating the need of the third party to convert reports and get them printed each time the results needs to be showcased
- A 24/7 functional server

Horizon Education

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● CHALLENGES

Enhancing the website involved a set of challenges in terms of accessing student reports, keeping complete performance tracking and showcasing student results.

- Converting the results from OCR to PDF was quite a complex procedure initially as the company used to hire a third party to convert the results and get them printed and ultimately send the same to the schools.
- Attendance records needed to be maintained precisely without an opportunity to mark false or make discrepancies.
- As the teachers or the students require to access the server whenever required, it had limited access tenure which was needed to be stretched.
- The students were not able to register to the portal as it didn't have a separate login window or dashboard for the enrolled students in the training program.
- There was a lot of manual work involved offline to finally showcase the complete results on the web, which is further difficult for students to keep as a record or get access to their progress report online.



• TECHNOLOGIES USED

- PHP
- Laravel
- Python
- Django
- MySQL

• RESULTS

Our expertise helped Horizon Education to deliver an enriched educational experience for its users. To gain real insights the portal comes with a comprehensive and powerful reporting system that not only helps teachers to keep a track on performance metrics of every student and provide feedback on course implementation but also helps students to analyze their own performance for self-improvement. The admin has complete control over the activities thus can manage and update portal seamlessly at any point in time.

Horizon Education has become a turnkey to train school staff and encourage students to pass their SAT/ ACT examinations with flying colors. The online platform of Horizon Education is helping young aspiring minds to improve their scores and successfully providing an opportunity for teachers to earn extra income up to \$3,200 per year!