

# E-learning Solution for Children

## THE VISION

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Educating children without boredom and keeping them engaged in the study is a difficult endeavor. Teachers must constantly find a way to deliver lectures in an interesting and amusing manner, specifically for youngsters. The Client desired a digital web-based portal for online learning due to the rising usage of internet resources to teach children.

The client wanted to provide an online platform with the pre-loaded facility of allowing teachers to create activities in class dynamically. With this vision, the client approached Zencon Group to develop an online E-learning web-based platform for parents to access online classes and participate in real-time online interaction. Zencon Group has successfully provided a robust web-based E-learning solution that helped teachers create community and parents to easily get online classes for children.

## THE CHALLENGE

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This publicly available solution allows any user to create an account and purchase classes. Teachers can create various activities according to their creativity to maximize the usage of the solution and attract traffic in an online class.

**“E-learning Solution for Children”** has a wide range of goals and objectives out of which the prime

Considerations are listed below:

- Kid-friendly website design for easy navigation
- Integrated video classes with whiteboard, presentations, and games
- Secure digital payment options for quick transactions
- Flexible class modes with dynamic activity configuration
- Fair reviews and ratings to encourage parent enrollments
- Fast, reliable, and user-friendly learning portal Would you also like an even tighter one line version if needed?



# TOOLS AND TECHNOLOGIES

With the following goals in mind, Zencon Group proposed a complete solution to address the challenges faced by the organization:

## Frontend Web

Next JS

## Backend Technology

Node

## Third Party Integration

Twilio integration  
Stripe Payment Gateway  
Scoket.io Integration

## Database

MongoDB

## THE CLIENT

The client is active in the education sector and specifically contributes to child education and development through easy to deliver and fun activities. The Malaysia based client wanted to create a community of like- minded teachers to educate children.

## BUSINESS BENEFITS

The E-Learning solution attracts a large amount of traffic on the platform as it is specifically designed in a way to deliver classes in various forms. The solution has gained huge success, and the teachers' community in the solution has grown, significantly simultaneously helping clients earn good commission through each booking.



## Admin Portal

Manage all created classes and bookings  
Total control over User accounts and Teacher accounts  
Manage reviews and ratings done by students

## Conclusion

Zencon Group is a global IT consulting and digital solutions provider offering a wide range of services including Enterprise Software Development, Microsoft 365 and Power Platform Consulting, ServiceNow Solutions, Mobile and Web Application Development, QA & Testing, and Managed IT Services. With deep domain expertise and scalable delivery models, Zencon has helped businesses across industries achieve operational efficiency, innovation, and long-term growth.

Our customer-first approach, technical excellence, and commitment to quality have earned us the trust of enterprises, startups, and public sector clients worldwide.



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# zencon

## Zencon Group, Offering

Zencon Group has developed an online web platform to allow teachers to create own custom class and activities and conduct sessions through this solution. On the other hand, students can browse a pool of classes from various experts and purchase as per their own choice.

STUDENT AND TEACHER PORTALS MAKE MANAGING CLASSES, ACTIVITIES, AND LEARNING EASY AND CONNECTED.



Browse classes, view activities, teacher profiles, and class schedules easily



Track enrolled classes, transactions, and manage marketing or newsletter preferences



Join live video classes, interact through activities, and rate teachers with fair reviews



Create and manage classes with flexible settings like time, price, session type, and student limit



Deliver engaging sessions with video, presentations, whiteboard, games, and control student views