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RANNLAB

PROJECT REPORT

Empowering Your Enterprise for Success

Prepared for

Angel Youth Education

Presented by

Rannlab Technologies

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Angel Youth
Education

1. INTRODUCTION

Angel Youth Education is a comprehensive learning platform offering a personalized educational experience. It sought a modern, scalable, and dynamic platform to showcase its programs, manage content & engage with students, parents, & educators. The goal was to create a user friendly platform that aligns with its industry specific needs & growth objectives

2. RESEARCH & ANALYSIS

The foundation of this project was thorough research and analysis to ensure the platform would meet user requirements and excel in the competitive education sector.

UNDERSTANDING REQUIREMEANTS

Project overviews are the first thing potential users see when they land on your platform. They allow you to highlight why they should choose Angel Youth Education and what value they can expect.

COMPETITOR ANALYSIS

Researched similar platforms in the education industry to identify trends, strengths, and areas of improvement.

MARKET DEMAND

Analyzed student behavior and learning preferences, ensuring the content and functionality would meet industry expectations.

This phase ensured our approach was data-driven & aligned with project requirements and goals.

3. UI DESIGNING

The next step was to translate our research into a user-friendly design: After designing, Angel Youth Education's team will approve the design after multiple iterations, paving the way for the development phase.
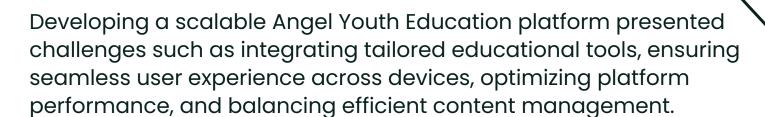
2 **CLIENT COLLABORATION**

Worked closely with the client refine platform, incorporating feedback to meet Angel Youth Education's expectations.

1 **WIREFRAMES & PROTOTYPES**

Developed wireframes to outline the platform's structure, ensuring easy navigation.

2 **RESPONSIVE DESIGN**

Ensured the design was mobile-friendly and visually appealing across all devices.

4. PROBLEM STATEMENT

Developing a scalable Angel Youth Education platform presented challenges such as integrating tailored educational tools, ensuring seamless user experience across devices, optimizing platform performance, and balancing efficient content management.

1. SCALABILITY

The platform needed to support various educational content, including courses, resource, activities.

2. USER EXPERIENCE

Both students, parents, educators required a intuitive interface to navigate & explore educational.

3. CONTENT MANAGEMENT

Angel Youth Education needed a CMS for easy content updates by non-technical staff.

5. PROPOSED SOLUTION

To address the client's challenges, we implemented:

→

Custom Post Types

Created tailored post types for courses, educational programs, student feedback, & resources to simplify content organization.

→

Dynamic Search and Filtering

Integrated advanced filters to improve search functionality and enhance the user experience for those seeking educational.

→

CMS Optimization

Tailored the platform dashboard for non-technical users, allowing easy updates and management of content.

→

Performance Enhancements

Enhanced speed with caching, optimized content, and adaptive delivery for a seamless experience.

6. RESULTS

The new developed platform enabled Angel Youth Education to:

→ Streamline course management and educational services.

→ Enhance engagement with both students and educators.

→ Improve visibility through SEO-optimized content.