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RANNLAB

PROJECT REPORT

Empowering Your Enterprise
for Success

Prepared for

Kala Niketan School

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1. INTRODUCTION

Kala Niketan School Students App is comprehensive platform offering a personalized communication experience between parents and the school. It sought a modern, scalable, and dynamic app to showcase its services, manage updates, and engage with students and parents. The goal was to create a user-friendly platform that aligns with its educational needs.

2. RESEARCH & ANALYSIS

The app was developed through research and analysis to ensure it meets the communication needs of parents, students, and the school effectively.



UNDERSTANDING REQUIREMENTS

Project overviews are the first thing parents, students see when they access the Kala Niketan School Students App. They allow you to highlight why they should choose the app & what value they can expect



COMPETITOR ANALYSIS

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



MARKET DEMAND

Analyzed parent and student needs to ensure the Kala Niketan School Students App meets their 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, Kala Niketan School's team will approve the design after multiple iterations, paving the way for the development phase

1

WIREFRAMES & PROTOTYPES

Created initial wireframes to outline the app's structure, ensuring intuitive navigation.

2

CLIENT COLLABORATION

Worked closely with Kala Niketan School to refine the app, incorporating feedback to meet their expectations.

2

RESPONSIVE DESIGN

Ensured the Kala Niketan School app is easy to use and visually appealing any device.

4. PROBLEM STATEMENT

Building the scalable Kala Niketan School Students App involved challenges like integrating features, ensuring responsiveness, optimizing performance, and maintaining ease of management within the timeline.

1. SCALABILITY

The app needed to accommodate a wide range of information, including notices, homework, events, & results.

2. USER EXPERIENCE

Both parents and students required an intuitive interface, navigate & explore school updates effectively.

3. CONTENT MANAGEMENT

The school needed a CMS for easy updates & management by non-technical staff.

5. PROPOSED SOLUTION

To address the client's challenges, we implemented:



Custom Post Types

Created tailored post types for Notices, Homework, Events, Results, and Personal Details to simplify content organization.



Dynamic Search and Filtering

Incorporated advanced filters to refine searches, making it easier for students, parents, and staff to find relevant school.



CMS Optimization

Tailored the platform dashboard to allow non-technical users to effortlessly update & manage content in Kala Niketan School.



Performance Enhancements

Optimized loading times through caching, content improvements & adaptive update for smooth and efficient performance.

6. RESULTS

The new platform helped Kala Niketan School Students App to:

- Streamline school updates and communication services.
- Enhance engagement with both parents & school staff.
- Improve visibility through efficient notifications and updates.