MARCH

2022

PROJECT REPORT

Empowering Your Enterprise
for Success

Prepared for

SchoolCare UDCS

Presented by

Rannlab Technologies

RANNLAB

Table of
CONTENTS

SchoolCare
UDCS

1. INTRODUCTION

SchoolCare UDCS Fatehabad is an innovative platform designed to enhance the educational experience. It aimed to develop a modern, scalable, and dynamic system to efficiently manage academic content, communicate with students and parents, and support overall school growth. The goal was to create an intuitive platform.

2. RESEARCH & ANALYSIS

The project was based on thorough research to ensure the platform meets the needs of students, parents, and educators effectively.

UNDERSTANDING REQUIREMEANTS

Project overviews are the first impression potential users have when visiting your platform. They provide an opportunity to showcase why SchoolCare UDCS Fatehabad is the right choice.

COMPETITOR ANALYSIS

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

MARKET DEMAND

Studied user needs and preferences to ensure that the content and features of SchoolCare UDCS Fatehabad align with the expectations of students.

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

3. UI DESIGNING

The next step involved transforming our research into an intuitive design: After several iterations, the SchoolCare UDCS Fatehabad team will finalize the design, allowing the development phase to begin.

2 **CLIENT COLLABORATION**

Collaborated with the client to enhance the platform, ensuring it aligned with their requirements & expectations.

1 **WIREFRAMES & PROTOTYPES**

Developed initial wireframes to define the structure of the SchoolCare UDCS platform.

2 **RESPONSIVE DESIGN**

Optimized for all devices, ensuring a smooth and engaging experience.

4. PROBLEM STATEMENT

Developing a scalable SchoolCare UDCS Fatehabad platform involved challenges like integrating custom features, ensuring responsiveness, optimizing performance, and maintaining ease of management within the project's timeline.

1. SCALABILITY

The platform needed to handle various academic content, such as class materials, assignments.

2. USER EXPERIENCE

Both students and parents required an intuitive interface to navigate and explore academic.

3. CONTENT MANAGEMENT

The school required a CMS that allowed non-technical staff to effortlessly update, manage.

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

Integrated advanced filters to improve search functionality and enhance the user experience for students and parents.

→

CMS Optimization

Tailored the platform dashboard to allow non-technical users at SchoolCare UDCS Fatehabad to effortlessly update.

→

Performance Enhancements

Optimized loading speed through caching, content refinement, and adaptive streaming to ensure smooth performance

6. RESULTS

The newly developed platform enabled SchoolCare UDCS to:

→ Simplify content and communication with students & parents.

→ Enhance engagement with both students & faculty members.

→ Improve visibility through efficient updates and notifications.