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RANNLAB

PROJECT REPORT

Empowering Your Enterprise
for Success

Prepared for

Tejomaya Energy

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1. INTRODUCTION

Tejomaya Energy & Technology is a comprehensive energy solutions provider offering sustainable, non-conventional energy services. It sought a modern, scalable, and dynamic platform to showcase its services manage projects & engage with its clients. 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 Tejomaya Energy market.



UNDERSTANDING REQUIREMENTS

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



COMPETITOR ANALYSIS

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



MARKET DEMAND

Analyzed user behavior and preferences, ensuring the content and functionality would meet industry expectations in Tejomaya Energy.

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, Tejomaya Energy'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 platform's structure, ensuring intuitive navigation.

2

CLIENT COLLABORATION

Worked closely with Tejomaya Energy to refine the platform, incorporating feedback to meet their expectations.

2

RESPONSIVE DESIGN

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

4. PROBLEM STATEMENT

Developing a scalable Tejomaya Energy 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 accommodate a diverse range of features and functionalities Energy's services

2. USER EXPERIENCE

Both users required an intuitive interface to navigate and explore content effectively.

3. CONTENT MANAGEMENT

The client needed a CMS that enabled non-technical staff to easily update & manage the app.

5. PROPOSED SOLUTION

To address the client's challenges, we implemented:



Custom Post Types

Created tailored post types for energy solutions, services, and user feedback to simplify content organization.



Dynamic Search and Filtering

Integrated advanced filters to improve search functionality & enhance the user experience for users of Tejomaya Energy.



CMS Optimization

Customized the platform dashboard for non-technical users to easily update and manage content on the Tejomaya Energy.



Performance Enhancements

Improved loading speed with caching solutions content optimization & adaptive streaming for seamless performance.

6. RESULTS

The newly developed platform enabled Tejomaya Energy to:

- Streamline content management and subscription services.
- Enhance engagement with both users & content providers.
- Improve brand visibility through SEO-optimized content.