

JULY

2022



PROJECT REPORT

Empowering Your Enterprise
for Success

Prepared for

Lelogix Design Solutions

Presented by

Rannlab Technologies



+91-96502-62666



Info@rannlab.com



www.Rannlab.com

Table of
CONTENTS

01 **Introduction**

02 **Research & Analysis**

03 **UI Designing**

04 **Problem Statement**

05 **Proposed Solution**

06 **Results**



1. INTRODUCTION

Lelogix Design Solutions is a comprehensive design services platform offering a personalized experience for architects and engineers. It sought a modern, scalable & dynamic platform to showcase its services, manage content & engage with its audience. 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 design and engineering 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 Lelogix Design Solutions and what value they can expect.



COMPETITOR ANALYSIS

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



MARKET DEMAND

Examined industry trends and client requirements, ensuring that design solutions, tools, services align with evolving architectural, engineering standards.

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, Lelogix Design Solutions' team will approve the design after multiple iterations, paving the way for the development phase.

1

WIREFRAMES & PROTOTYPES

Created wireframes to define structure and ensure intuitive navigation.

2

CLIENT COLLABORATION

Partnered with the client to enhance the platform, integrating their feedback to align with expectations.

2

RESPONSIVE DESIGN

Ensured responsiveness and visual appeal across all devices.

4. PROBLEM STATEMENT

Building a scalable Lelogix Design Solutions platform came with challenges such as incorporating advanced design features, ensuring seamless responsiveness across devices, optimizing system performance maintaining & efficient content management

1. SCALABILITY

The platform needed to accommodate diverse design content, including CAD, 3D models, and BIM.

2. USER EXPERIENCE

Both clients required a seamless interface to efficiently navigate & interact with the platform.

3. CONTENT MANAGEMENT

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

5. PROPOSED SOLUTION

To address the client's challenges, we implemented:



Custom Post Types

Created tailored post types architectural designs, CAD drafts, 3D models, and BIM projects to simplify content organization.



Dynamic Search and Filtering

Integrated advanced filters to improve search functionality and enhance the user experience for architects and engineers.



CMS Optimization

Redesigned the platform dashboard to enable non-technical users to efficiently update and manage content.



Performance Enhancements

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

6. RESULTS

The new developed platform enabled Lelogix Design Solutions to:

- Streamline content management and design services.
- Enhance engagement with both clients & industry professionals.
- Improve brand visibility through SEO-optimized content.