

JANUARY

2024

RANNLAB

PROJECT REPORT

Empowering Your Enterprise
for Success

Prepared for

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Table of **CONTENTS**

01 **Introduction**

02 **Research & Analysis**

03 **UI Designing**

04 **Problem Statement**

05 **Proposed Solution**

06 **Results**



1. INTRODUCTION

Krieger Infotech is a comprehensive online training platform offering a personalized learning experience. It sought a modern, scalable, and dynamic platform to showcase its courses, manage content, & engage with its global audience. The goal was to create a user-friendly platform that aligns with its industry-specific needs and 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 online training market.



UNDERSTANDING REQUIREMENTS

Project overviews are the first thing potential learners see when they land on your platform. They allow you to highlight why they should choose Krieger Infotech and what value they can expect from the training course.



COMPETITOR ANALYSIS

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



MARKET DEMAND

Conducted an analysis of user behavior and preferences, ensuring that the courses and features were aligned with the latest industry trends.

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

3. UI DESIGNING

The next step was to convert our research into an intuitive and user-friendly design: After several iterations & refinements, the Krieger Infotech team will approve the design, moving forward to development phase.

1

WIREFRAMES & PROTOTYPES

Designed wireframes to structure the platform, ensuring easy navigation a smooth user.

2

CLIENT COLLABORATION

Worked closely with the client to refine the platform, incorporating feedback to meet their learning.

2

RESPONSIVE DESIGN

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

4. PROBLEM STATEMENT

Building a scalable Krieger Infotech platform presented challenges such as incorporating tailored features, ensuring a responsive design, optimizing performance, and streamlining management while adhering to the project timeline.

1. SCALABILITY

The platform needed to accommodate diverse courses, including Cyber Security, Cloud Computing.

2. USER EXPERIENCE

Krieger Infotech required an intuitive interface to navigate and explore courses effectively.

3. CONTENT MANAGEMENT

Krieger Infotech required a simple CMS for non-technical staff to easily manage & update website.

5. PROPOSED SOLUTION

To address the client's challenges, we implemented:



Custom Post Types

Created tailored post types for courses, training modules, certifications, and user feedback to simplify content organization.



Dynamic Search and Filtering

Integrated advanced filters to improve search functionality and enhance the user experience for learners seeking courses.



CMS Optimization

Customized the platform dashboard for non-technical users to easily update and manage course content Krieger Infotech.



Performance Enhancements

Optimized loading speed with caching solutions, content compression, and adaptive streaming to ensure smooth.

6. RESULTS

The newly developed platform enabled Krieger Infotech to:

- Streamline course management and training services.
- Enhance engagement with both learners and instructors.
- Improve brand visibility through SEO-optimized content.