

Case Study: AI-Powered Exam Paper Generator Web App – edu.largify.com

Client

Largify Solutions

An industry-leading tech agency offering enterprise-grade software solutions across various sectors including EdTech, FinTech, Cybersecurity, and Digital Transformation.

Product Overview

edu.largify.com is an advanced AI-powered web application that streamlines and automates the process of exam paper creation. Designed to serve educational institutions, training centers, and enterprise-level academic departments, this intelligent platform enables users to generate fully customized exam papers — **without writing a single line of code**.

Whether it's short answers, long answers, MCQs, or diagrams — the system provides a **one-stop solution** for paper creation, data management, and performance tracking.

Core Features

1. Interactive Dashboard with Real-Time Insights

- Monitor total number of:
 - Generated papers
 - Saved drafts
 - Teachers and users
 - Subject-wise papers
 - Login and activity history

- Admin & system usage stats
- Real-time news and updates panel
- Book management section for referencing and planning

2. Multi-user Role-Based Access Control

- **Super Admin:** Full control over the entire system (manage admins, users, papers, configurations)
- **Admin:** Manage institution-specific papers, users, and data
- **Sub-users (Teachers/Staff):** Access to only their assigned subjects and paper creation
- Login tracking and user activity logs for transparency and control

3. No-Code Paper Generation

- Fully customizable layout and formatting
- Question types: Short, Long, MCQs, Diagrams
- Auto-generated papers based on selected topics or chapters
- Ability to directly view and manage questions in the database

4. Data Management & Input

- Add, view, and update questions easily
- Tag by subject, chapter, difficulty level, or topic
- Upload and associate diagrams/images with questions
- Book and syllabus alignment

5. Security & Enterprise Readiness

- Role-based permissions

- Activity logs and audit trails
 - Scalable infrastructure to support single institutions or large organizations
 - Ideal for schools, colleges, universities, and corporate training programs
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User Experience

- Beautiful, modern, and intuitive user interface
 - Optimized for both technical and non-technical users
 - Seamless navigation across devices (fully responsive)
 - Clean layouts with guided steps to reduce training time
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Business Impact

- Reduced paper-setting time by over 70%
 - Improved consistency and accuracy in assessments
 - Centralized control over academic content and user roles
 - Enhanced security and data governance for institutions
 - Enabled scalability for education providers of any size
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Powered by AI

- Smart paper generation engine selects questions based on:
 - Difficulty balance

- Curriculum mapping
 - Past usage analysis
 - Future-ready architecture for integrating ML models for performance insights, topic predictions, and more
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Use Cases

- Schools and colleges generating monthly/semester exams
 - Coaching centers preparing entrance tests
 - Universities managing multi-department exam creation
 - Enterprise learning teams creating assessments for staff training
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What's Next?

Planned upgrades include:

- AI-assisted question generation
 - Plagiarism detection
 - Result analytics dashboard
 - Export to various formats (PDF, DOCX, LMS-ready files)
 - API integration with student portals or LMS systems
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Get in Touch

To learn more or schedule a demo, visit <https://edu.largify.com>
Or contact the team at [Largify Solutions](#)
