

AI-Powered Text Synthesis Platform: Innovating Digital Content Development with A Full-Stack SAAS Solution

**Shrikant Gurav, Sanika Mayekar, Arpita Hodage, Pallavi Chavan,
Manali Mangutte, Samruddhi Kamate**

Sant Gajanan Maharaj College of Engineering, Mahagaon, Kolhapur, Maharashtra

Abstract: *The AI-Powered Text Synthesis Platform is an innovative web-based tool designed to enhance digital content creation through artificial intelligence. The system leverages modern web technologies such as Next.js, React, TailwindCSS, TypeScript, Gemini, and Clerk to facilitate seamless content generation. This platform serves individuals and enterprises, enabling them to generate high-quality, natural-sounding text for marketing, blogging, and business communication. Designed as a Software as a Service (SaaS) solution, it offers a scalable, efficient, and user-friendly approach to digital content production. By integrating advanced AI-driven modules, the platform significantly improves workflow efficiency and ensures competitive advantages in the evolving digital content landscape.*

Keywords: TailwindCSS, TypeScript