

Hal9 Helps DesignQA Launch AI-Powered Website Generator

- **Built a functional AI-driven website generator in four weeks using Hal9 Platform**
- **Enabled DesignQA to merge designer expertise with rapid AI assembly for enhanced design outcomes**
- **Clarified product roadmap and market opportunities through a scalable MVP**

“Hal9's expertise and rapid development were invaluable, helping us navigate the technology landscape and shape our vision.”

Mahdi Farra, Founder @ DesignQA

Customer

DesignQA is an innovative startup focused on revolutionizing web design by combining human creativity with AI efficiency. By leveraging website templates and AI capabilities, DesignQA aims to streamline the creation of high-quality, professional websites, empowering businesses to achieve superior design outcomes with speed and precision.

Challenge

DesignQA sought to develop an AI-powered website generator that integrates designer-crafted templates with automated assembly to deliver polished websites. The challenge was to build a functional MVP in just four weeks that supports template-based design, AI-generated images, and website previews, while providing insights into market opportunities and technology gaps to refine their product roadmap.

Solution

Hal9 partnered with DesignQA to create a custom AI solution using the Hal9 Platform, optimized for rapid development of generative AI and web applications.

In four weeks, Halg's team of data scientists and engineers delivered an MVP that combined advanced AI with intuitive design tools, tailored to DesignQA's vision.

The development process included:

- Building a website generator using Tailwind CSS and HTML templates for flexible, designer-driven layouts.
- Integrating AI-powered image generation to create custom visuals, enhancing website aesthetics.
- Enabling static website generation for fast, reliable previews, allowing users to review and refine designs.
- Leveraging Halg's Python-based workflows to streamline development and ensure scalability.

Halg collaborated closely with DesignQA, incorporating iterative feedback to align the MVP with market needs. The Halg Platform's flexibility enabled rapid prototyping, while technologies like Tailwind and static site generation ensured a robust, user-friendly solution. The MVP was deployed securely, providing DesignQA with a clear view of technology gaps and opportunities.

Results

In just four weeks, Halg delivered an AI-powered website generator MVP that enabled DesignQA to merge designer expertise with rapid AI assembly, producing high-quality websites. The solution's support for templates, AI-generated images, and preview deployment empowered DesignQA to validate their concept and engage early users. The MVP provided critical insights into their product roadmap, identifying market opportunities and technology gaps, positioning DesignQA as a leader in AI-driven web design.

About Halg

[Halg](#)'s mission is to make "Artificial Intelligence Accessible to Everyone", as we believe AI desperately needs to become more accessible for people worldwide to benefit from this new technology. We have a skilled team of engineers, data scientists, and designers working on this effort. Halg partnered with the [Allen Institute for Artificial Intelligence](#) incubator in 2022.