

## Launch of Bengoshi.com LIBRARY AI Assistant ( $\alpha$ - Version), Japan's First AI-powered Book Search Service for Lawyers — Allows users to search for law books containing a phrase rather than a set of keywords —

Bengo4.com, Inc. (Minato-ku, Tokyo; Representative Director, President and CEO: Taichiro Motoe; hereafter “the Company”) announces that it will launch Bengoshi.com LIBRARY AI Assistant ( $\alpha$ - Version), Japan's first\*1 AI-powered book search service for lawyers, from September 28, 2023.

\*1: Generative AI capability for the generation of a short essay with reference to multiple books According to the Company's own research (as of September 28, 2023)

The screenshot displays the Bengoshi.com LIBRARY AI Assistant interface. At the top, the logo for 弁護士ドットコム LIBRARY is visible. The main heading reads "Bengoshi.com LIBRARY AI Assistant ( $\alpha$ -Version)". The interface shows a question input field with the text "相続人が一人だけの場合に限定承認する際の注意点とは?". Below the question, an AI-generated answer is displayed, starting with "限定承認を行う際には、相続人全員の一致が必要であり、相続開始を知った日から3か月以内に家庭裁判所に「相続限定承認申述書」を提出する必要があります。また、財産目録に記載漏れがあると単純承認とみなされる可能性があります。そのため注意が必要です。限定承認が認められると、家庭裁判所によって相続財産管理人が選ばれ、清算手続きを行います。相続人が一人の場合、原則として、限定承認した相続人が相続財産の管理及び清算手続きを行います。詳しくは、以下の書籍をご覧ください。". Below the answer, a book recommendation is shown: "第3版 家庭裁判所における遺産分割・遺留分の実務" by 片岡 武, 菅野 真一 | 2017年11月 | 日本加除出版. The book cover is visible. The interface also includes callouts: "Automatic generation of supplementary answer by AI" pointing to the answer, "NLP-based recommendation of pages that will serve as a reference (one book or multiple books)" pointing to the book recommendation, "Question display" pointing to the question input field, and "Link to pages to be viewed" pointing to the book recommendation. A small note at the bottom right of the screenshot states "Screenshot shows service under development."

URL of explainer video: <https://youtu.be/wcronOSD048>

### ■ What is Bengoshi.com LIBRARY AI Assistant ( $\alpha$ -version)?

Lawyers have always spent a great deal of time on two tasks: summarizing the main issues at hand for each case and searching for relevant books.

However, these two tasks can now be completed in one go thanks to the Company's new AI (GPT-4)-powered phrase searching capability. Specifically, when a user asks a question in the form of a phrase, the AI is able to understand not only the keywords but also the phrase itself and can find and display pages in books that are relevant even though they do not contain the keywords.

The AI also automatically generates a summary of the main issues at hand with reference to multiple books.

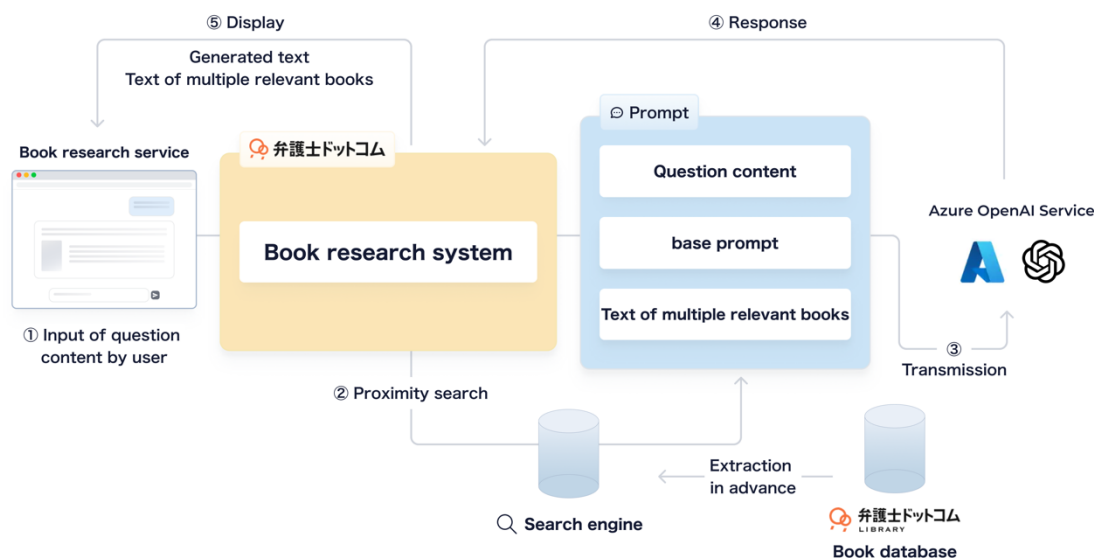
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When developing this service, the Company received technical support\*2 from PKSCHA Technology Inc. (Bunkyo-ku, Tokyo; Representative Director: Katsuya Uenoyama), which included using PKSCHA LLMS.

\*2: Support provided via PKSCHA ReSearch, which is responsible for R&D at PKSCHA

The Company also plans to launch the capability as part of BUSINESS LAWYERS LIBRARY, the AI (GPT-4)-powered book search service for corporate legal affairs, at the end of October 2023.

## ■ Schematic diagram showing system linkage



The service is a system that combines the Bengoshi.com LIBRARY® search engine with Microsoft Corporation’s Microsoft Azure cloud computing platform.

## ■ Background to development

In February this year, the Company established Professional Tech Lab, which focuses on the research and development of services using new technologies in the professional domain. As part of this, the Company adopted a plan for Japan’s first ever vertically trained LLM (Large Language Model) in law (i.e. an AI that is trained in legal data) dubbed Legal Brain, and began providing Bengoshi.com Chat Legal consultation (α-version), an AI legal consultation chatbot service for consumers, on a trial basis in May this year.

As the structure of society becomes increasingly complex, the fields of law handled by lawyers are also becoming more and more diverse, and the number of specialist books that are required as a result is also dramatically increasing. The time lawyers spend on research has also become a huge strain. The Company focused its attention on lawyers’ research work, which will become increasingly important in the future, and developed a new AI-powered research service. This service will make legal research more efficient and will further promote the digital transformation (DX) of lawyers’ work.

Furthermore, the Company believes that this AI-based service can also be applied in other professional fields because it enables time-consuming research and analysis to be conducted more efficiently. Through this

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service, the Company aims to improve the quality of work, save time and money, and help promote DX across all professions.

## ■ Regarding use of the service

This service is available exclusively to Bengoshi.com LIBRARY® subscribers.

Details of Bengoshi.com LIBRARY® can be found at: <https://library.bengo4.com/about>

## ■ What is Bengoshi.com LIBRARY®

Bengoshi.com LIBRARY® is a subscription-based legal research service that can be used to search and view more than 1,900 books\*3. The service saves lawyers the time they would otherwise spend searching for information in very thick law books, enabling them to complete tasks such as considering the best course of action for dealing with a case and preparing the necessary documents more efficiently.

In addition to the capability for viewing books, the service also supports greater business efficiency by providing more than 2,200\*4 contract and agreement templates in word format.

\*3:As of September 30, 2023

\*4:Around 1,800 templates in publications and around 400 of the Company's own original templates as of September 2023. The originals are only available to use upon subscription to Bengo4.com Business System.

## ■ What is Professional Tech

An approach to promoting DX for a broad range of professions including lawyers, tax accountants, medical doctors, patent attorneys, IT engineers, web designers and financial planners. Professional Tech aims to establish a society where more people can rely on professionals safely, securely, and easily more than ever before through the participation of a broader range of professionals and the digital transformation of the unique skills, knowledge and other features of the professions, regardless of whether a job requires a certification.

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■ About Bengo4.com <https://www.bengo4.com/corporate/en/>

Head office | Kurosaki Building, 1-4 Roppongi 4-chome, Minato-ku, Tokyo

Date of establishment | July 4, 2005

Share capital | 460 million yen (as of end of June 2023)

Representative | Taichiro Motoe, Representative Director and CEO

Listed exchange | Listed on the Growth Market of the Tokyo Stock Exchange

Business activities | With “Be the Professional-Tech Company” as its corporate mission, Bengo4.com provides Bengo4.com<sup>®</sup>, Zeirishi.com<sup>®</sup> and BUSINESS LAWYERS<sup>®</sup>, all of which are portal sites connecting people with specialists, as well as the contract management platform CloudSign<sup>®</sup>.

URL | <https://www.bengo4.com/corporate/en/>

## Contact for inquiries

Corporate Communications, Bengo4.com, Inc.

Address | 1-4 Roppongi 4-chome, Minato-ku, Tokyo, 106-0032

TEL | +81-3-5549-2854

FAX | +81-3-5549-2565

E-Mail | [info-press@bengo4.com](mailto:info-press@bengo4.com)