



# NovaTech Profile and AI Solutions

NovaTech China

Version v1

2024/01

# About Us

NovaTech, established in 2011, is a renowned technical services and consulting company that specializes in resolving IT issues and business challenges for its clients. With a track record of serving over 800 enterprise users, we are passionate about providing cutting-edge solutions to our customers.

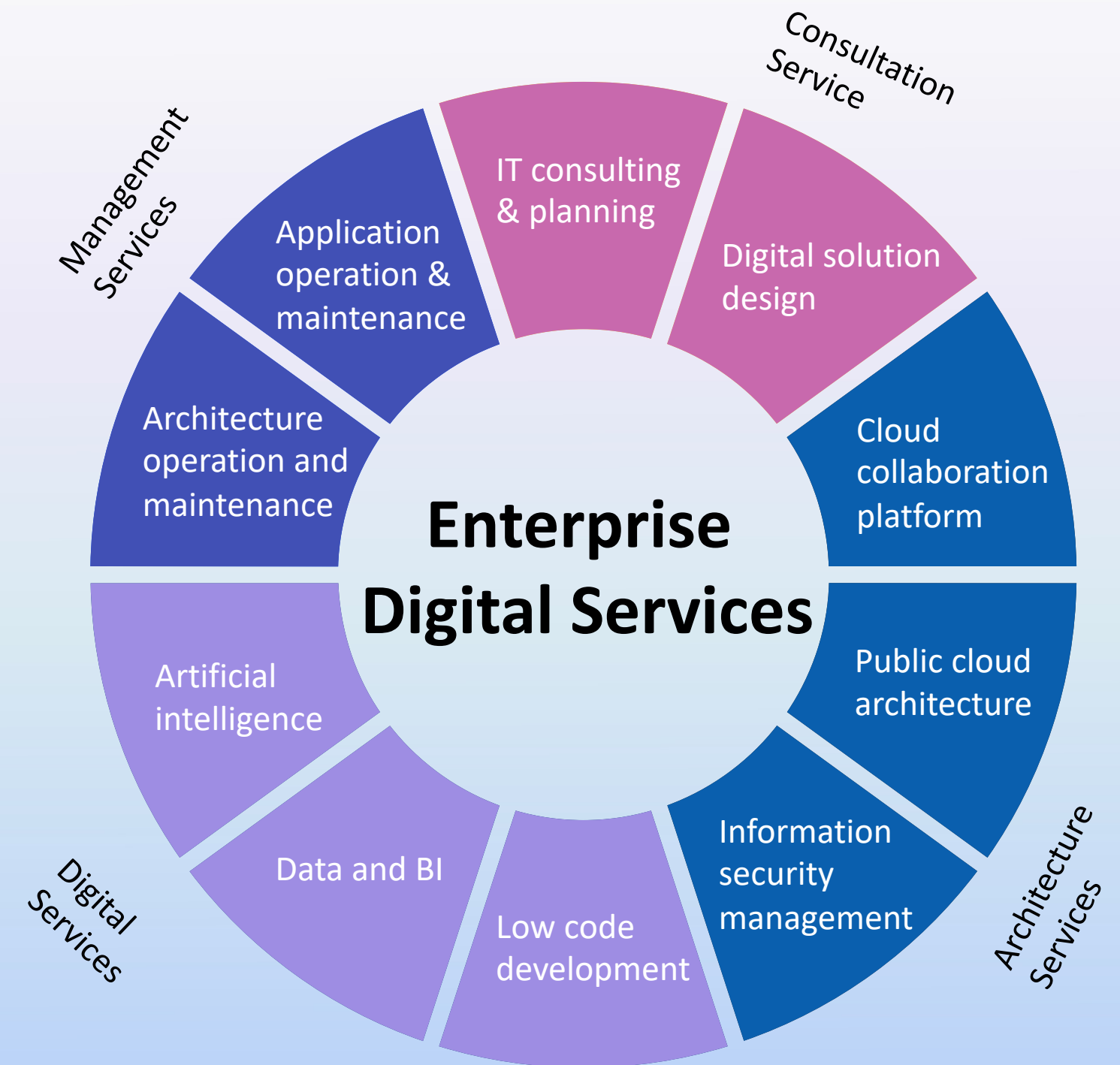
We primarily focus on offering Microsoft-based Azure Open AI, Microsoft 365, Dynamics 365 and application development services to enterprises. Our goal is to enhance the overall informatization capabilities of our customers and facilitate digital transformation through the provision of solutions in AI, big data, architecture, and applications.



# Focus On Digital Services

NovaTech prioritize our clients' business goals and develop a tailored plan for their digital transformation. Our team manages everything from ideation to execution and ensures that the plan is maintained and managed with the help of pertinent platforms and tools.

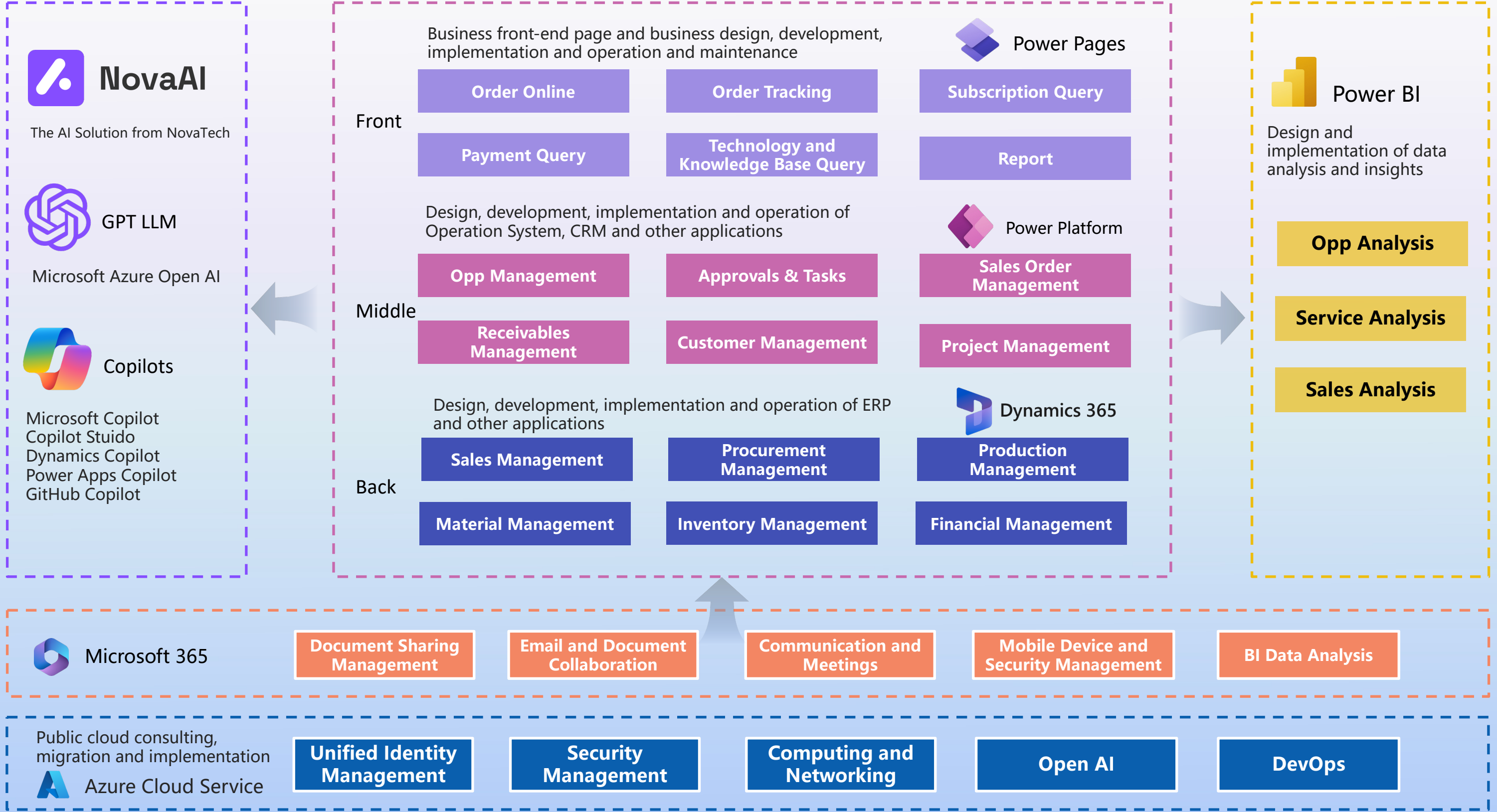
Our experts have abundant experience in infrastructure, application development, data management, and artificial intelligence. We focus on delivering value and aim to speed up our clients' business outcomes.



# Nova Provides Complete Digital Architecture Design & Implementation Services



www.novatech.cn



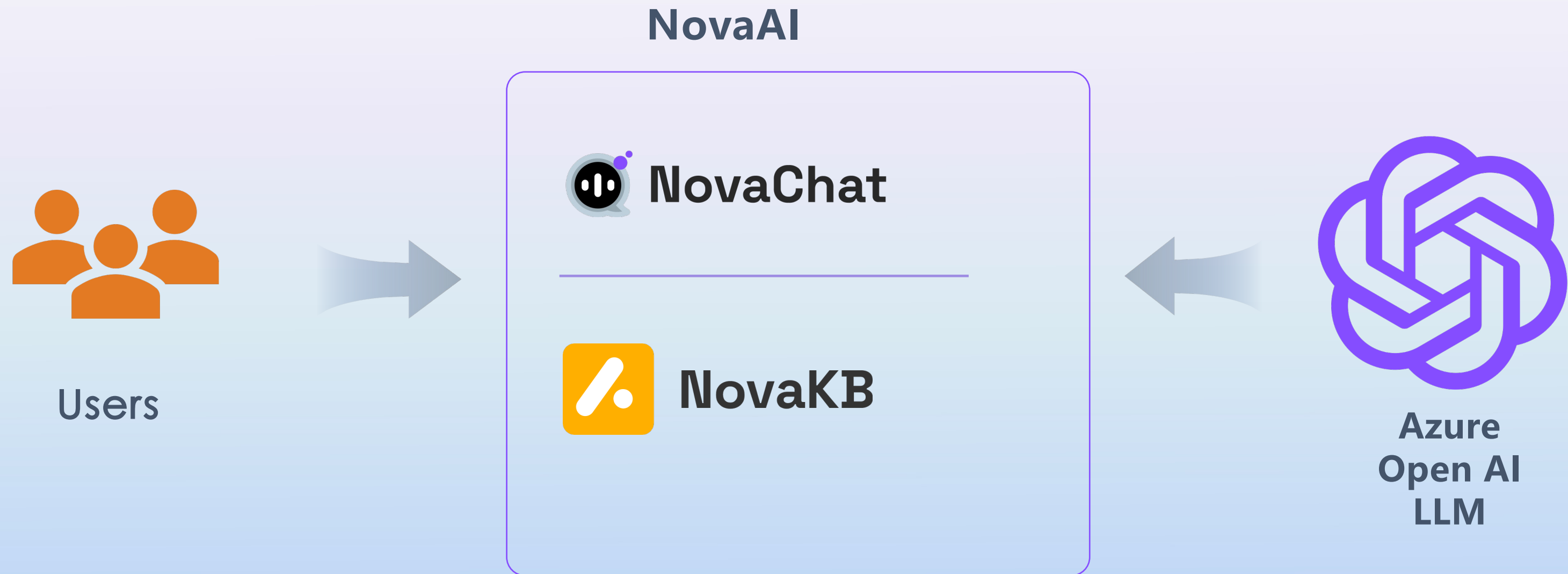
Digital Consulting Services

Project Implementation Services

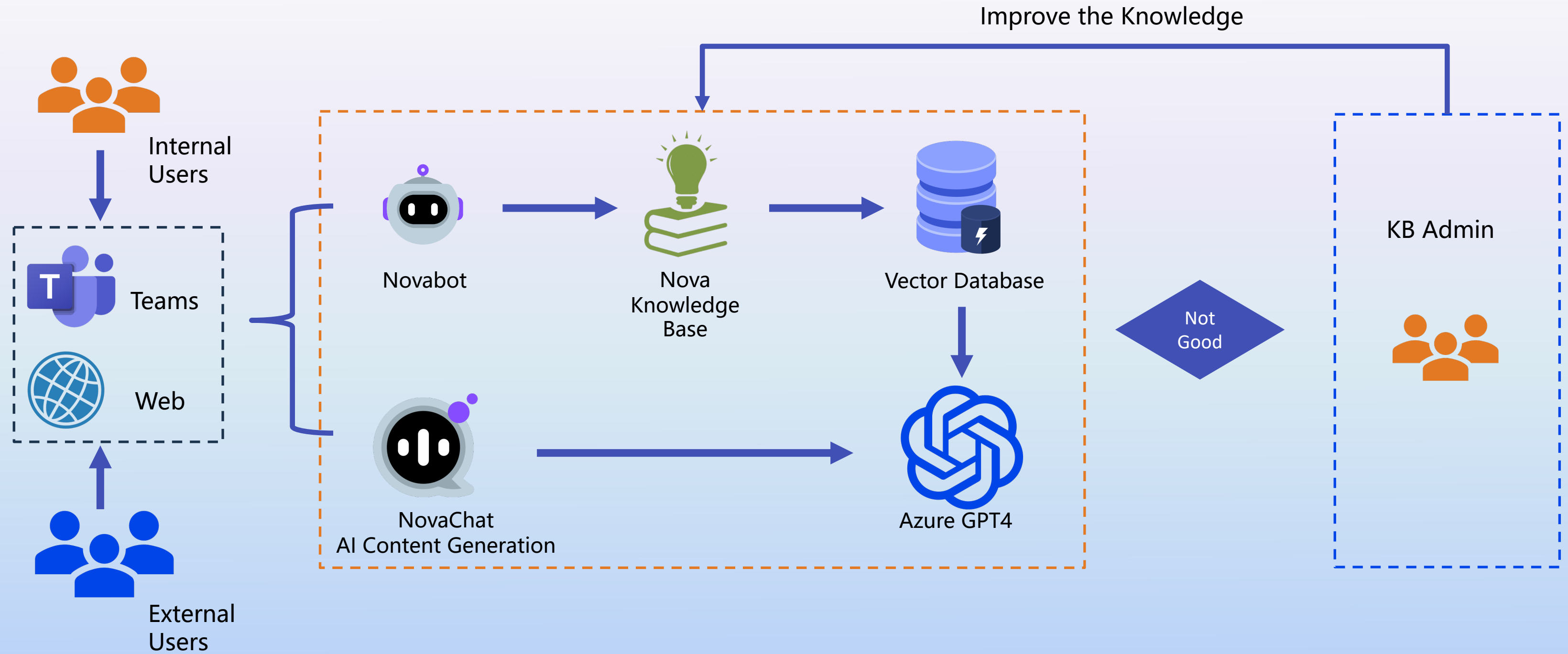
Operation & Maintenance Services



# Empower internal and external users with large model capabilities



# NovaAI Process



# NovaChat– AI Interaction Interface



## Text Generation

- Supports GPT-4
- AI Automated Email Writing
- AI Content Optimization
- Pose Questions and Needs
- Receive High-Quality Answers

## Image generation

- Support DALL-E 3
- Image generation based on natural language
- Pre-made prompt words
- Import and optimization of similar images

## Document-based content summary

- Document drag and drop
- Document hyperlink support
- Summary of the document
- Summary and comparison of multiple documents

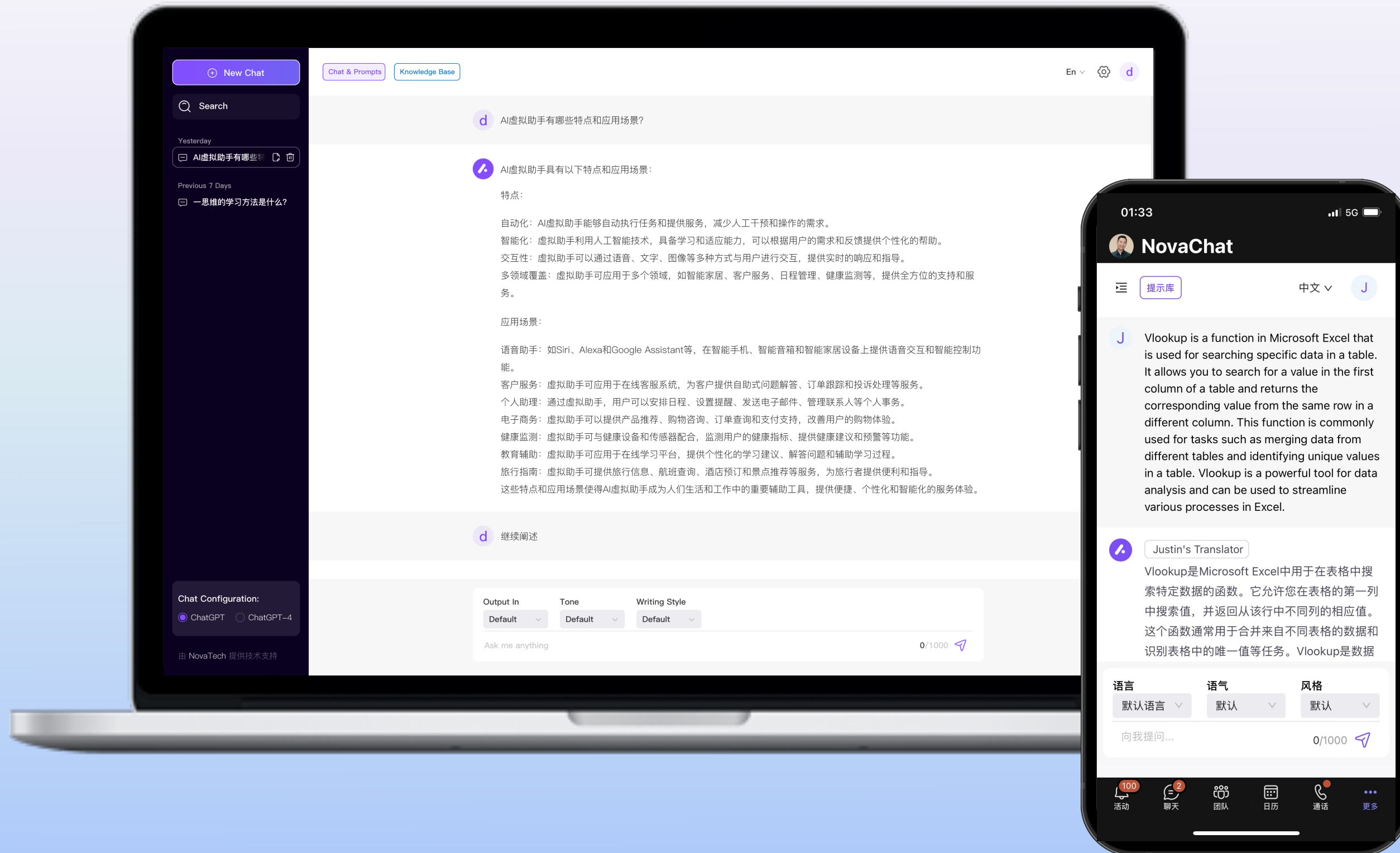
## Prompt Template

- Built-in more than 100 Templates
- Prompt collections and likes
- Create a personal prompt Templates

## Teams Integration

- Connect with Azure AD identity
- Easy to install and use

# NovaChat– AI Interaction Interface



## Product advantages

1. Rapid deployment
2. Good user experience low investment
3. High return (increased efficiency by 20%-50%)



# NovaKB – Knowledge Base Management



Import PDF document and Knowledge Base management



Automatic FAQ generation and easy editing of questions and answer

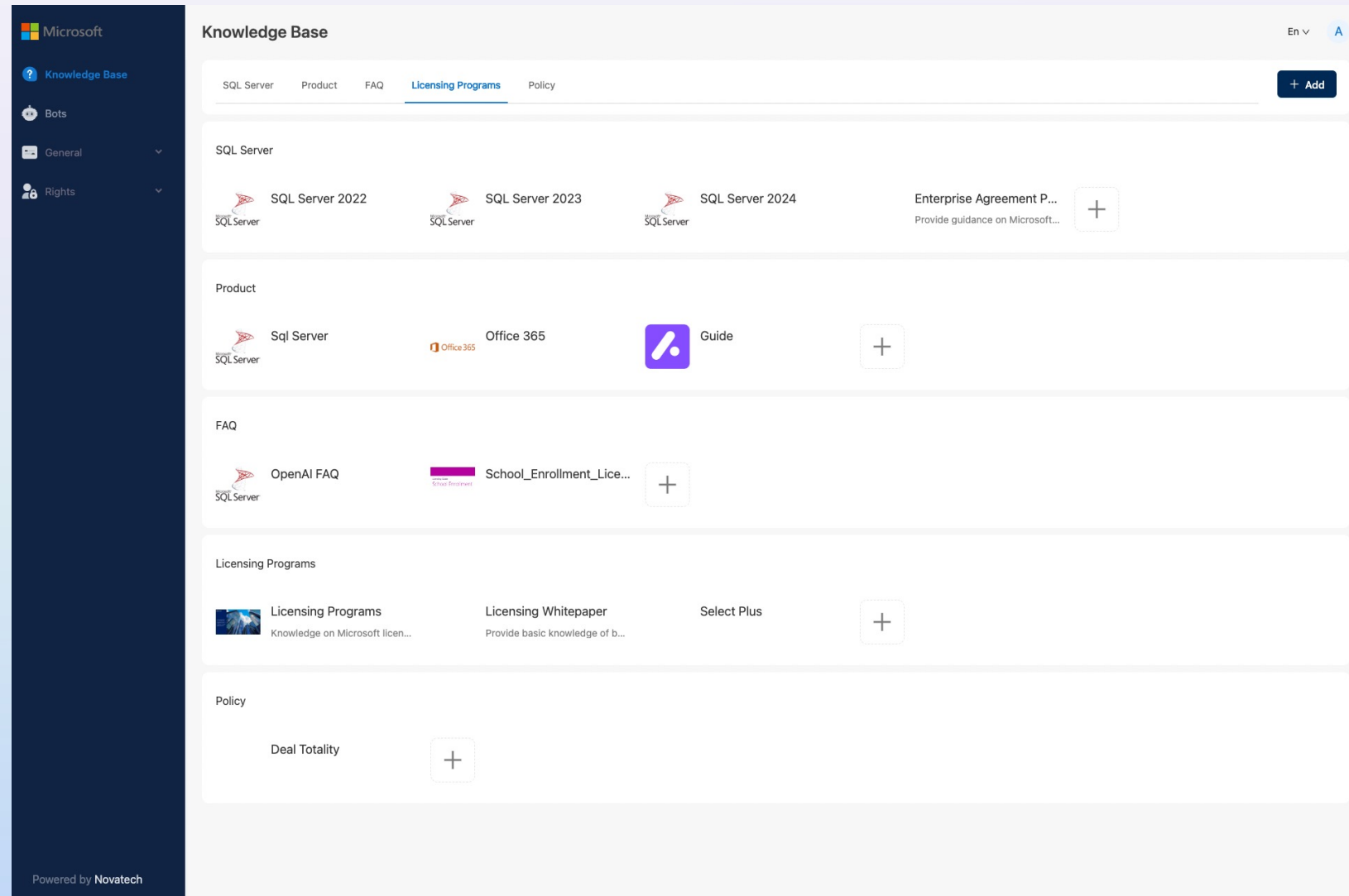


One Bot connects with multiple knowledge bases to flexibly manage knowledge content.



Easily manage all the Prompts interact with GPT

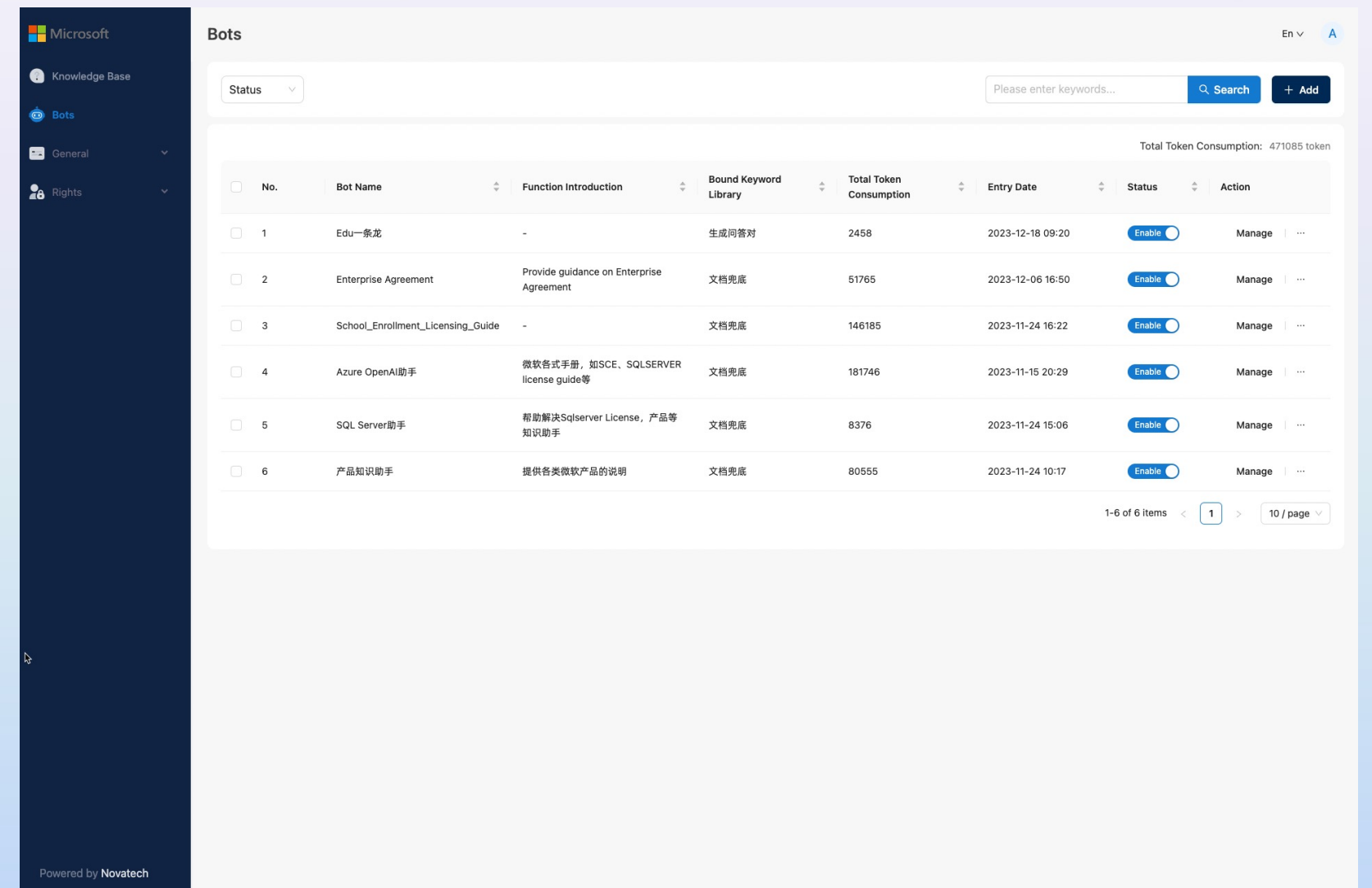
## Knowledge Base management



### Function characteristics:

- Knowledge base categories, knowledge creation
- Support for PDF, Word
- Automated generation of questions and answers
- Editing of FAQs, support for rich text, images, hyperlinks, videos, etc.

## Bot Management



No.	Bot Name	Function Introduction	Bound Keyword Library	Total Token Consumption	Entry Date	Status	Action
1	Edu一条龙	-	生成问答对	2458	2023-12-18 09:20	Enable	Manage   ...
2	Enterprise Agreement	Provide guidance on Enterprise Agreement	文档兜底	51765	2023-12-06 16:50	Enable	Manage   ...
3	School_Enrollment_Licensing_Guide	-	文档兜底	146185	2023-11-24 16:22	Enable	Manage   ...
4	Azure OpenAI助手	微软各式手册, 如SCE, SQLSERVER license guide等	文档兜底	181746	2023-11-15 20:29	Enable	Manage   ...
5	SQL Server助手	帮助解决Sqlserver License, 产品等知识助手	文档兜底	8376	2023-11-24 15:06	Enable	Manage   ...
6	产品知识助手	提供各类微软产品的说明	文档兜底	80555	2023-11-24 10:17	Enable	Manage   ...

### Function characteristics:

- Bot can be connected to multiple knowledge bases
- Embed the bot in Web, WeChat
- Create and edit prompt
- Record and analyze user chat history and usage statistics

# NovaAI Features List



Modules	Functions	Descriptions
NovaAI User Interface	Content generation	✓ Natural semantic understanding and output, supporting GPT3.5, GPT4, GPT4 Turbo
	Talk to the enterprise knowledge base	✓ Category screening, knowledge base selection, and communication with the selected knowledge base through natural language
	Rich text output	✓ Output of rich text such as pictures, Emoji, text, and codes
	Built-in 100 Prompt Templates	✓ You can edit, like, and collect these Prompts
	Custom prompt creation	✓ Customize Prompt and share it
	Output language, tone, writing style	✓ Multiple output languages to choose from, as well as a choice of writing tone and style
	contextual semantic association	✓ Contextual information association within the same topic
	GPT version permission control	✓ Permission control of GPT3.5 and 4 versions can be customized based on user identity
	User usage control	✓ Usage control based on user identity
	Interface multi-language	✓ Chinese/English
	Microsoft Teams integration	✓ Connected with Azure AD identity and seamlessly integrated with Teams
	Image content generation	✓ Through the image generation capabilities of the Dall-E 3
	Talk to files	✓ Drag and drop files to perform summary and other interactions on the files
	Talk to hyperlinks	✓ Conversation function for hyperlinked articles
	Sensitive word filtering	✓ Sensitive words can be customized in the background
	Integration of more platforms	✓ App integration and identity integration with Enterprise WeChat, Feishu, and DingTalk
	NovaKB Knowledge base and Bot management	Knowledge base management
Document import supports multiple formats		✓ Support PDF, Word
Automatically generate FAQ based on imported documents		✓ Automatically generate questions and answers
Editing and exporting FAQ questions and answers		✓ FAQ editor supports rich text, pictures, hyperlinks, videos, etc.
Bot is associated with multiple knowledge bases		✓ One Bot can connect to multiple knowledge bases
Bot online testing		✓ Conversation with Bot, test effects and update FAQ
Bot sharing (WeChat, website)		✓ Embed robots into web pages, WeChat public accounts, etc.
Prompt word management		✓ Creation and editing of prompt words.
The relationship between prompt words and FAQ and Bot		✓ Associate prompt words with large models to improve large model output
View chat history		✓ Chat records, usage statistics, and screening of users communicating with the knowledge base.
Like and dislike records		✓ User experience analysis and optimization of FAQ quality
GPT/LLMs and parameter configuration		✓ Adjust the generation attributes of GPT and connect multiple GPT nodes
User permission control		✓ Super administrator, FAQ administrator, Bot administrator
User account management		✓ Add, edit, and disable logged-in users
Sensitive word management		✓ Creation and management of custom sensitive words
SSO configuration	✓ Wechat, DingTalk, Feishu, AAD	

# NovaAI Cases



Wellington College  
WCC GPT

1. Integrated with Teams, available for download from the App Store.
2. Seamless identity integration.
3. Customizable user interface.
4. Prompt Template
5. Management of permissions and usage for GPT-3.5 and GPT-4.
6. Company-wide usage and promotion.



The screenshot displays the NovaAI interface integrated into a Microsoft Teams chat. The top bar shows the Teams logo and a search bar. The chat window title is "WCC GPT Home 关于". The main chat area contains a conversation where a user (k) states: "The customer told me that the project is delayed due to their organization is under restructure. They would restart the project before December." The AI assistant (k) responds with a translation and explanation: "The customer told me that the project is delayed due to their organization is under restructure. They would restart the project before December. Translated to Spanish: El cliente me dijo que el proyecto se retrasó debido a que su organización está en reestructuración. Volverán a empezar el proyecto antes de diciembre." The user then asks for an article optimization, and the AI provides a summary: "The customer informed me that the project is running behind schedule because their organization is currently undergoing restructuring. However, they indicated that they plan to resume the project before December." The interface also shows a chat history on the left, a usage bar at the bottom (Usage: 33109 / 500000 token), and a configuration section with dropdown menus for Output In, Tone, and Writing Style. A text input field at the bottom right contains the text "Ask me anything ..." and a character count of 0/1000.

# NovaAI Cases



1. Study corporate product PDF documents.
2. Support for multilingual FAQs and editing and optimization of FAQs in various languages.
3. Vectorized semantic matching to ensure precise user experiences and answers.
4. Embed a Bot on the website for convenient use by global users and quick problem resolution.
5. Statistical analysis and retrieval of Bot chat logs.

- ? 知识库管理
- 🤖 Bot管理
- 📄 通用管理
- 🔒 权限管理

Powered by SolaX Power

## 知识库管理

String Inverter
Energy Storage Inverter
Battery System
EV Charger
Accessories
Software
+ 添加

### String Inverter

<b>X1 MINI G3</b> H 3.0-H 12.0	<b>X1 MINI G4</b> 0.6-4.0kW	<b>X1 BOOST G3</b> 3.0-6.0kW	<b>X1 BOOST G4</b> 2.5-6.0kW
<b>X1 SMART</b> 6.0-8.0kW	<b>X3 MIC G2</b> 3.0-15.0kW	<b>X3 PRO G2</b> 8.0-30.0kW	<b>X3 MEGA G2</b> 40.0-60.0kW
<b>X3 FORTH</b> 80-150kW	<span style="border: 1px dashed #ccc; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">+</span>		

### Energy Storage Inverter

<b>X1 HYBRID G3</b> 3.0-5.0kW	<b>X1 MINI G4</b> 0.6-4.0kW
<b>X1 SMART</b> 6.0-8.0kW	<b>X3 MIC G2</b> 3.0-15.0kW
<b>X3 FORTH</b> 80-150kW	<b>X3 FORTH</b> 80-150kW
<b>X3 FORTH</b> 80-150kW	<b>X3 FORTH</b> 80-150kW

Noah

艾罗能源机器人
在线
✕

🤖 你好! 我是艾罗能源智能机器人。你想了解哪些政策和问题都可以向我提问, 我会尽力帮你查找答案!

上午 06:38 👍 🗨️

公司简介

上午 06:39

🤖 SolaX Power致力于在太阳能发电革命中继续走在最前沿, 并致力于研发, 以确保其产品仍然是市场领先的解决方案。 1 2

**相关问题推荐:**

- 艾罗能源有哪些客户案例?
- 艾罗能源有哪些产品?
- 艾罗能源针对可持续发展作出的努力

答案来源? ?

上午 06:39 👍 🗨️

📄 随便问我点什么..... ➤

艾罗能源机器人
在线
✕

🤖 你好! 我是艾罗能源智能机器人。你想了解哪些政策和问题都可以向我提问, 我会尽力帮你查找答案!

上午 06:38 👍 🗨️

String Inverter
Energy Storage Inverter

Battery System
EV Charger

Accessories
Software

上午 06:38 👍 🗨️

String Inverter

上午 06:39

🤖 请问你想了解以下哪款产品的信息?

- X1 MINI G3**  
H 3.0-H 12.0
- X1 MINI G4**  
0.6-4.0kW
- X1 BOOST G3**  
3.0-6.0kW

展开更多 ▼

上午 06:38 👍 🗨️

📄 随便问我点什么..... ➤

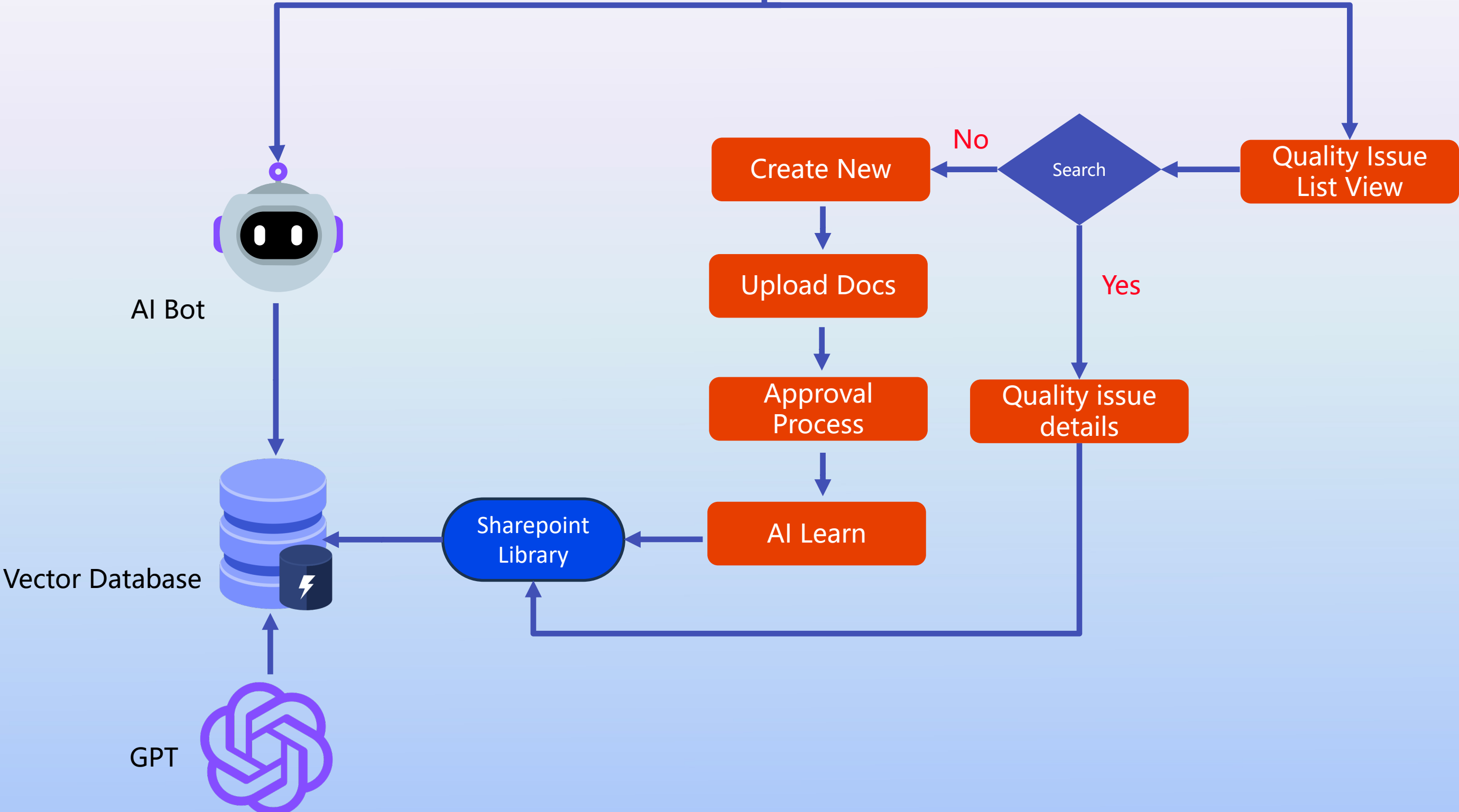


# NovaAI Cases



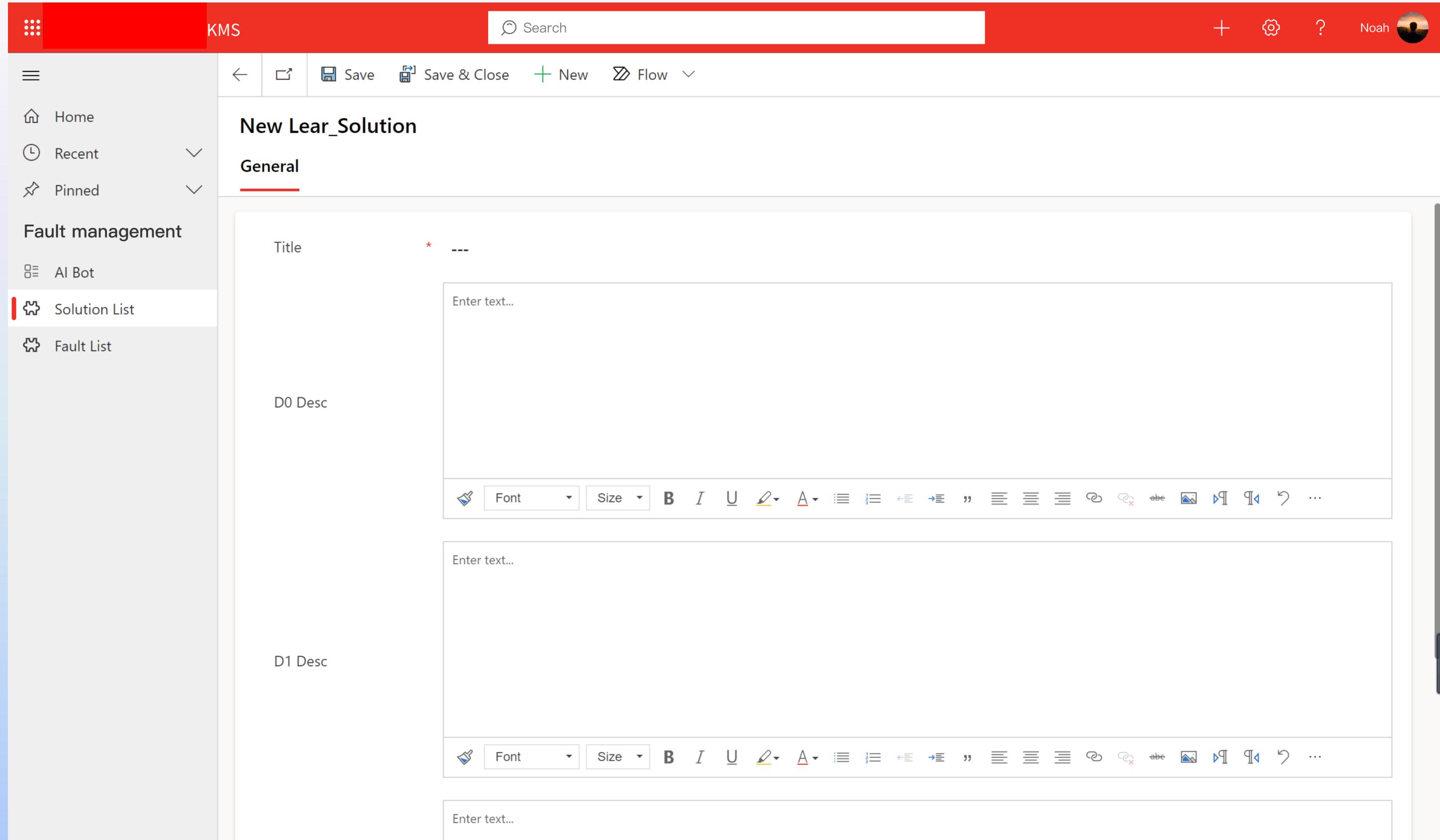
## AI+Power Apps Quality Management

Management Users   Normal Users



# AI Quality Management – 8D report filling

## D8Quality Management Plan



The screenshot shows the KMS application interface for filling an 8D report. The top navigation bar is red and contains the KMS logo, a search bar, and user information (Noah). The left sidebar shows navigation options: Home, Recent, Pinned, Fault management (AI Bot, Solution List, Fault List). The main content area is titled "New Lear\_Solution" and has a "General" tab selected. It contains three text input fields labeled "Title", "D0 Desc", and "D1 Desc", each with a rich text editor toolbar below it. The toolbar includes options for font, size, bold, italic, underline, text color, background color, bulleted list, numbered list, indent, outdent, quote, link, unlink, insert table, insert image, undo, redo, and a menu icon.

# AI Quality Management – 8D report filling

## Process

- Quality event reporting
- Solution uploading
- Archiving and approval
- AI learning

The screenshot displays the KMS application interface. At the top, there is a red navigation bar with a search bar and user profile 'Noah'. Below this is a toolbar with various actions like Save, New, Deactivate, Delete, Refresh, Check Access, Process, and Share. The main content area shows a fault report titled 'Uncomfortable or worn-out seating surface' with ID 'Lear\_Fault' and status 'Active'. A progress bar indicates the current stage is 'Fault Reporting (7 D)', with other stages being 'Upload The Report', 'Archive Approval', and 'AI Recognition'. A modal window is open over the report, showing a title field with a checkmark and a red 'Next Stage >' button. The report details include a description of the issue, a quality failure category of 'Wear', a factory location of 'Shang hai', and a creator '王震南 (Offline)'. A rich text editor toolbar is visible at the bottom of the report content area.

# AI Quality Management – 8D report list

KMS

Home Recent Pinned

Fault management

AI Bot

**Fault List**

Show Chart New Delete Refresh Visualize this view Email a Link Flow Run Report

Active Fault

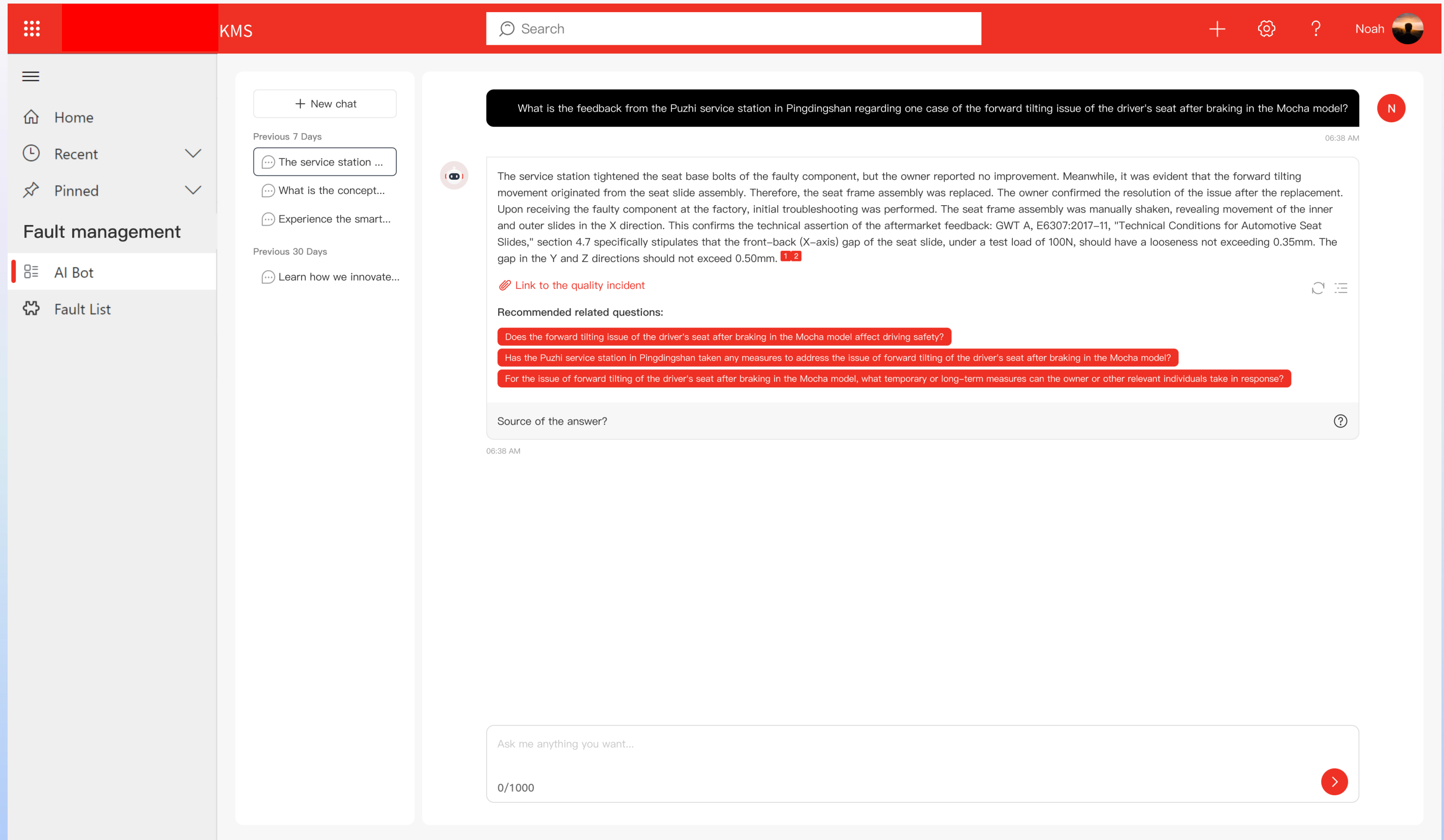
Edit columns Edit filters

Title ↑	Quality Failure Category	Summary	Factory	Fault No	Created On
<a href="#">Faulty airbag deployment system</a>				1004	8/23/2023 10:35 AM
<a href="#">Faulty airbag deployment system</a>				1003	8/23/2023 10:35 AM
<a href="#">Loose or broken seat belts</a>	Wear		Shang hai	1000	8/15/2023 6:47 PM
<a href="#">Malfunctioning reclining or adjusting ...</a>	Wear		Shang hai	1001	8/15/2023 8:21 PM
<a href="#">Uncomfortable or worn-out seating su...</a>	Wear		Shang hai	1002	8/15/2023 8:22 PM

1 - 5 of 5 Page 1

# AI Quality Management – AI Bot Chat

- Create a new robot.
- View historical topics. Communicate using natural language.
- 8D event hyperlinks.
- Recommendations for similar questions.



The screenshot displays the AI Bot Chat interface within a KMS (Knowledge Management System) application. The interface is divided into several sections:

- Header:** A red navigation bar at the top contains a menu icon, the text "KMS", a search bar with the placeholder "Search", and user profile information for "Noah".
- Left Sidebar:** A navigation menu with options: Home, Recent, Pinned, Fault management, AI Bot (highlighted), and Fault List.
- Chat History:** A central panel showing a list of previous chat sessions, categorized by "Previous 7 Days" and "Previous 30 Days".
- Chat Window:** The main area displays a chat conversation. The user's question is: "What is the feedback from the Puzhi service station in Pingdingshan regarding one case of the forward tilting issue of the driver's seat after braking in the Mocha model?". The AI bot's response provides a detailed technical explanation of the issue, including the replacement of the seat frame assembly and the specific technical conditions for automotive seat slides. It also includes a "Link to the quality incident" and "Recommended related questions" such as "Does the forward tilting issue of the driver's seat after braking in the Mocha model affect driving safety?".
- Input Area:** At the bottom, there is a text input field with the placeholder "Ask me anything you want..." and a character count "0/1000".



**Thank you for your time!**

