**Microsoft Power Platform**

# How Power Platform helped developers create an intelligent terminology assistant

In many organizations, inconsistent language can lead to misalignment, missed opportunities, and compliance risk. Term Buddy was created to solve this challenge with an AI-powered assistant that helps teams understand and engage with complex terms right inside their existing workflows.

Built using [Microsoft Power Platform](#) which significantly accelerated development compared to traditional methods, Term Buddy delivers clarity through automation, AI, and scalability. The platform eliminated the need to custom-build infrastructure or integration layers, allowing the team to bring a production-ready solution to life quickly and efficiently.

## Challenge

### Eliminating guesswork from complex terminology

In areas like compliance, training, and change management, terminology matters. However, it is often misunderstood or inconsistently used.

Organizations need a way to ensure employees can confidently use key terms across departments, roles, and geographies. The creators of Term Buddy set out to solve this by delivering:

- Clear, contextualized definitions
- Interactive quizzes to test understanding
- Multilingual support
- Real-time interaction through AI-driven agents

**The goal was simple: bring clarity to communication without creating new complexity.**

## Solution

### Built to scale with smart tools from the start

The team was able to execute quickly and scale confidently by using Power Platform. The platform allowed them to focus on delivering business value rather than building from scratch.

**Watch the video >**

Core components include:

**Copilot Studio**
Designed and deployed AI agents to guide users and automate terminology support.

**Power Apps**
Developed admin app for knowledge managers to view analytics, configure prompts and deployment settings.

**Azure AI Foundry**
Interactive authoring with prompt flow and detailed evaluation of GPT responses.

**Microsoft 365 integration**
Embedded the solution into Microsoft Teams, Microsoft 365 Copilot Chat.

**Azure Services**
Enabled continuous integration (CI) and continuous delivery (CD), with Azure DevOps, and Bicep scripts to automate setup.

More than a glossary, Term Buddy simulates intelligent conversations, remembers user interactions, and adapts based on behavior making learning part of the everyday workflow.

## Result

### A better way to communicate

By building on Power Platform, the developers launched a production-ready assistant in a fraction of the time traditional methods would require.

Key outcomes:

- Features like dynamic UI generation and multilingual support were implemented in days, not weeks.

- CI/CD pipelines and modular architecture ensured the solution could grow without major rework.

- The platform's built-in AI and security features provided an enterprise-ready foundation for continuous improvement.

With Power Platform, Term Buddy is positioned to scale across teams and departments delivering consistent, contextual communication wherever it's needed.

### Learning resources

Explore these resources for more examples and practical guidance.

- Term Buddy GitHub repository
- Powerful Devs Hack Together series
- Power Platform Samples
- AI in Action series