

Authentication & Identity (Microsoft Entra ID)

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Use Case 0.1 – Sign In with Microsoft Entra ID

Actor: User

Goal: Securely log in using corporate Microsoft credentials.

Steps:

1. User clicks "Sign in with Microsoft" on the homepage.
1. Redirects to Entra login portal (OAuth2/OpenID).
1. User authenticates using Microsoft Entra ID.
1. Upon successful login, system creates or loads user profile.

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Use Case 0.2 – Single Sign-On (SSO) Across Organization

(Good to have)

Goal: Use Microsoft SSO across enterprise tools.

Steps:

1. Once authenticated, users maintain session across Microsoft-integrated services.
1. Access to assistants, marketplace, or documents is seamless for verified employees.

Create & Manage AI Assistants via Azure Foundry

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Use Case 1.1 – Create a New AI Assistant

Actor: User

Goal: Set up a new assistant using Azure Foundry SDK.

Steps:

1. User clicks "Create Assistant."
1. Fills in assistant name, purpose, and selects base models.
1. Configures optional features (image/audio/web crawl).
1. System provisions assistant via Azure Foundry and stores metadata.

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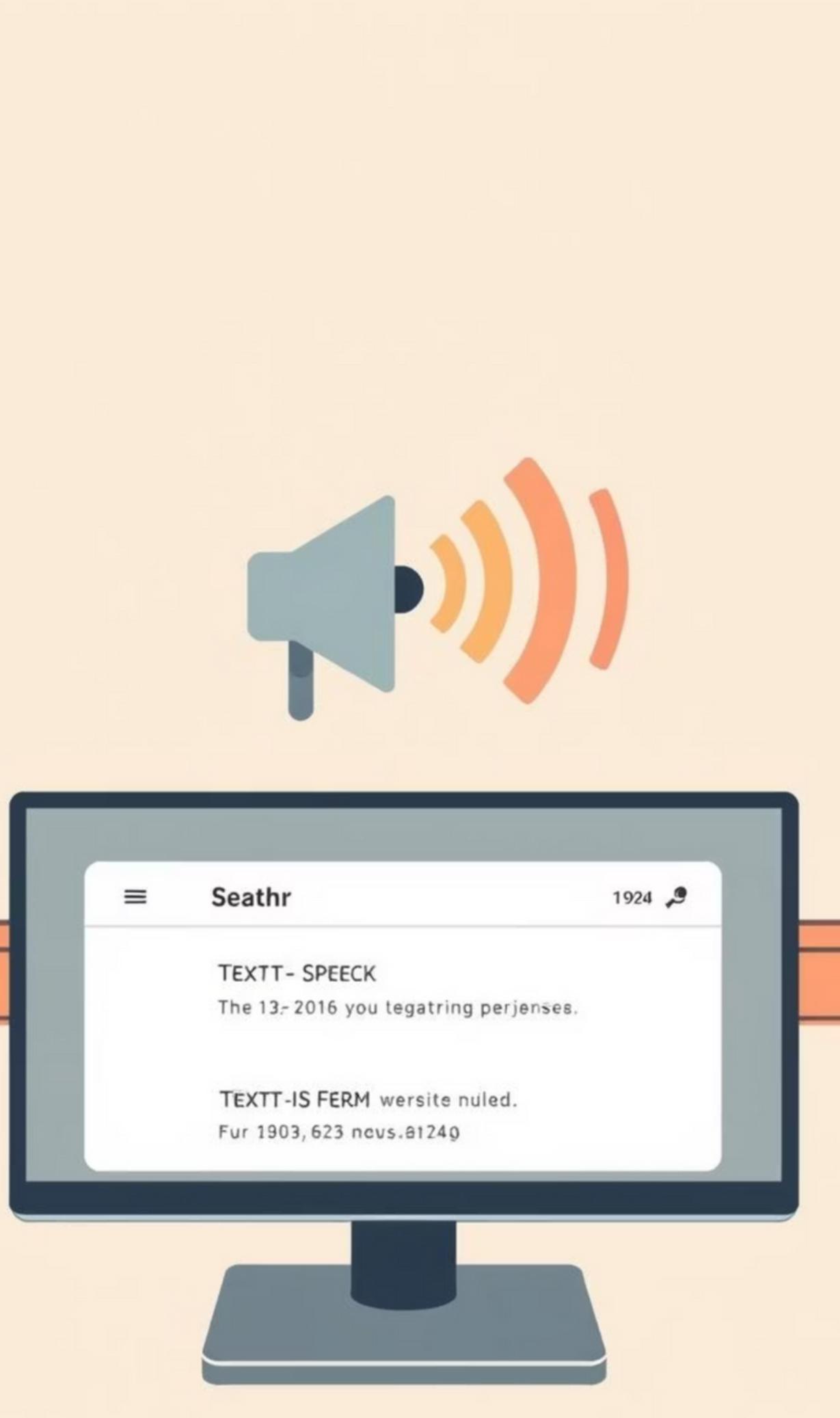
Use Case 1.2 – Edit Assistant Configuration

Goal: Update personality, capabilities, or integrated agents.

Steps:

1. User selects an assistant.
1. Updates instructions, endpoints, or capabilities.
1. Saves and redeploys assistant.

Browse & Integrate Agents via Azure Marketplace



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Use Case 2.1 – Browse Available Agents

Goal: Let users find ready-made agents.

Steps:

1. Navigate to Marketplace.
1. View agent list, filter by category.
1. Click agent to view details.

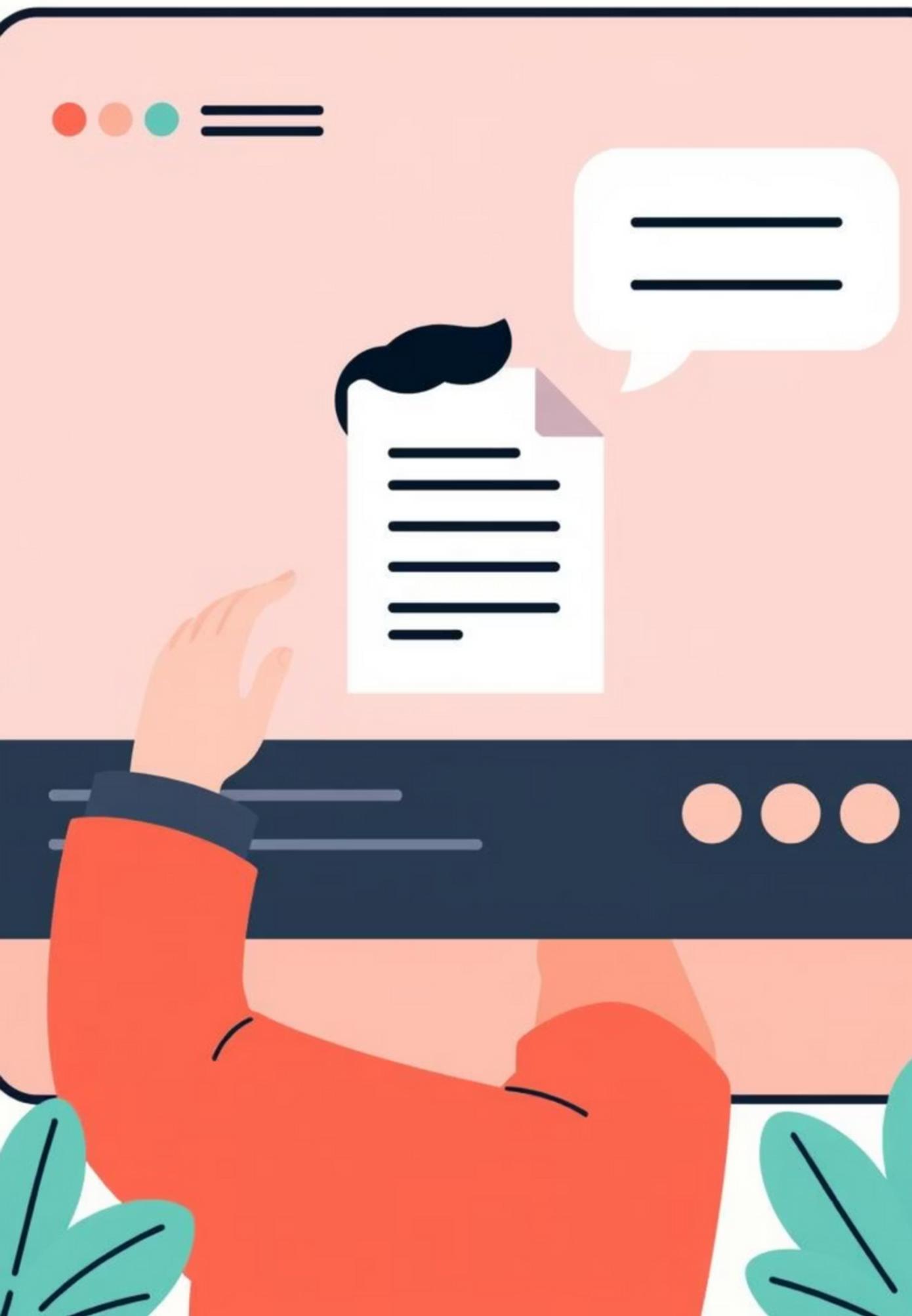
2

Use Case 2.2 – Attach Agent to Assistant

Goal: Enhance an assistant's functionality.

Steps:

1. User selects assistant.
1. Adds an agent from Marketplace.
1. System configures secure endpoint integration.



Document Upload & Chat

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Use Case 3.1 – Upload Document

Goal: Feed custom data into the assistant.

Steps:

1. User selects assistant.
1. Uploads file via UI.
1. File sent to Azure Foundry for ingestion.
1. Assistant confirms availability of content.

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Use Case 3.2 – Chat with Document-Enhanced Assistant

Goal: Ask questions based on uploaded documents.

Steps:

1. User opens chat with assistant.
1. Sends query referencing uploaded content.
1. Assistant responds with contextual answers.

Image Generation Integration

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Use Case 4.1 – Enable Image Generation

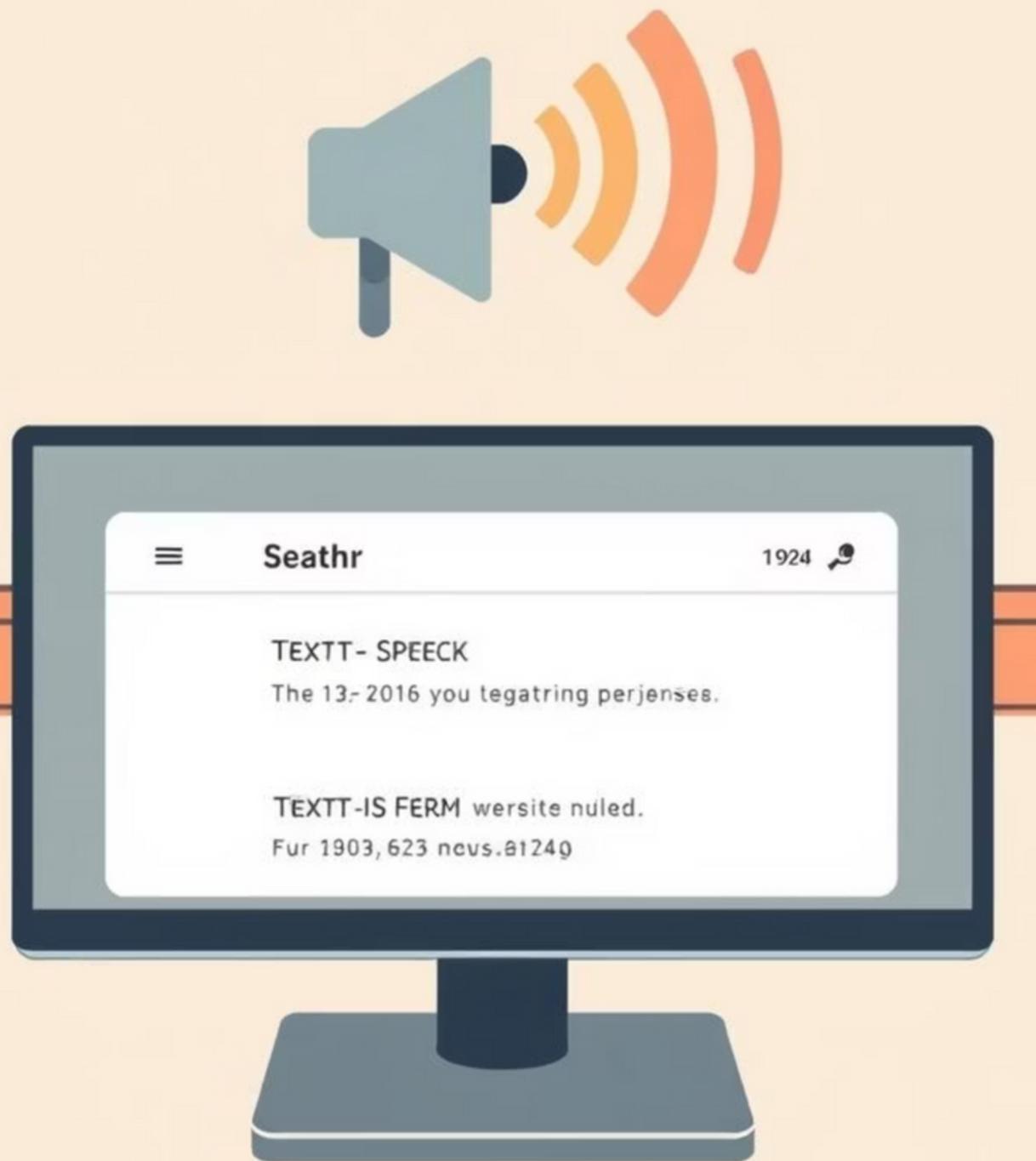
Goal: Add ability to generate images from prompts.

Steps:

1. During assistant setup, enable image generation.
1. Select model (e.g., Azure DALL·E or Stable Diffusion).
1. Assistant now responds to prompts like "Draw a sunset beach."



Audio Generation Integration



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Use Case 5.1 – Enable Text-to-Speech (Audio Generation)

Goal: Let assistant speak its responses.

Steps:

1. Enable audio output in assistant settings.
1. Select voice/language.
1. System integrates Azure Speech SDK.
1. Responses are returned as audio streams.

Web Crawling Feature

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Use Case 6.1 – Enable Web Crawling in Assistant

Actor: User

Goal: Allow assistant to search real-time web content.

Steps:

1. While creating an assistant, user enables "Web Crawling."
1. Defines domain scope (e.g., specific sites or unrestricted).
1. System adds web access capability via secure crawling agent/API.

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Use Case 6.2 – User Sends Query Requiring Web Search

Goal: Get fresh, real-time answers from the internet.

Steps:

1. User opens assistant chat.
1. Asks question needing current information (e.g., "What's the latest on Azure pricing?").
1. Assistant crawls web sources in real-time or uses a search API.
1. Response includes retrieved and synthesized results, with links if needed.

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Use Case 6.3 – Crawl Specific URLs or Topics

Goal: Feed assistant data from specific sources.

Steps:

1. User enters a list of URLs or topics.
1. Assistant crawls and indexes those pages.
1. User queries assistant about that content in chat.

Thank You