DotChat

etap-4

Repozytorium: github

```
:----------------------------------------------------------:
            D O T   C H A T   gpt-4
:----------------------------------------------------------:
 Here are some usefull commands:
 \user <username> - to register your username
 \system <text> - to provide context for the AI assistant
 \save <filename> - to save your chat history in a file
 \clear - to clear the chat history
 \exit - for leaving the chat

 \vision [options] - predicts weather from given image with Azure Custom Vision
 \vision img "<path to img>"
 \vision url "<url with img>"

 \summarize [options] - creates summaries of pdf files with OpenAI
 \summarize pdf "<in filename>" to "<out filename>"
 \summarize dir "<source path>" to "dest path>"
 \summarize ... -v|--verbose - outputs summary to screen

 \receipt [options] - extract data from receipt image using Azure Custom
Document Intelligence
 \receipt jpg "<in filename>" to json "<out filename>"
 \receipt ... -v|--verbose - outputs data to the screen

 \dall-e [options] - prompts for image description and generates image(s)
 \dall-e img "<dest folder>" - images will be saved to disc
 \dall-e url - image urls will be printed to console

 \speech <filename> - [in the making...]
 \youtube - [int the making...]

 ...
```
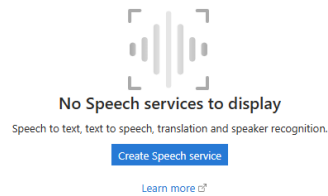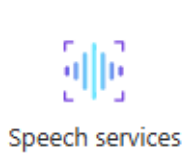
1. Custom Speech

W module korzystającym z Custom Speech celem będzie wykonanie

a. Założenie zasobu Speech services

Portal ->	Stworzenie nowego zasobu ->	Konfiguracja Speech services

Potwierdzenie parametrów ->	Ekran utworzonego zasobu ->	Odnalezienie kluczy API

b. Dodanie klucza api i endpointu do pliku konfiguracji
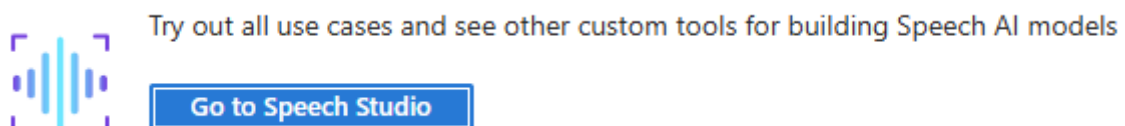
```json
// appsettings.json
// ...
  "AzureCustomSpeech":{
    "Endpoint": "<Endpoint>",
    "ApiKey": "<KEY 1>",
    "Region": "westeurope"
  }
}
```

b. Dodanie zależności Cognitive Speech SDK

```
dotnet add package Microsoft.CognitiveServices.Speech
```

d.

- Przejście do `Speech studio`, następnie do `AI Studio`, wybranie `Use services`

← **Azure-AI-Speech**

[⊞ **Use Service**] [⚗ Fine-tune]

Try it out   Details   **API Code**

Documentations

Scenarios (Common used cases)	Speech to text (Speech recognition)	Text to speech (Voice)
Video translation ↗	Real-time speech to text ↗	Voice gallery ↗
	Fast speech to text ↗	Personal voice ↗
	Batch speech to text ↗	Text to speech avatar ↗
	Custom speech ↗	
	Speech translation ↗	

- Stworzenie projektu (Create new project)

Select a resource to view an API key and endpoints

Azure-AI-Speech standard deployments are available as public endpoints with no hosting fees; you are only charged for usage; you only pay for usage if you do not customize or fine-tune them.

Project * ⓘ   Create a new project

There are no existing projects. Please create a new project.	⌄

Connected resources *

Select a connection	⌄

Create a project

Projects are easy-to-manage containers for your work—and the key to collaboration, organization, and connecting data and other services.

Project name * ⓘ

```
DotChat-CustomSpeech
```

> Azure resources to be created (new: 01133369-6190_ai + 4)   [Customize] ←

ⓘ Do you need to customize the security or storage resources? Go to Azure Portal ⧉

- Konfiguracja projektu

Create a project

- ✓ Project details
- ② Create a hub
- ③ Review and finish

Create a hub for your projects

A hub is the collaboration environment for your team to share your project work, model endpoints, compute, connections, and security settings. Learn more ⧉

Do you need to customize security or the dependent resources ⧉ of your hub? Go to Azure Portal ⧉

Hub name *

```
DotChat-Speech
```

Subscription * ⓘ   Create new subscription ⧉

```
Azure for Students                                              ∨
```

Resource group * ⓘ   Create new resource group

```
PUCH-ChatGroup                                                 ∨
```

Location * ⓘ

```
West Europe                                                    ∨
```
Help me choose

Connect Azure AI Services or Azure OpenAI * ⓘ   Create new AI Services

```
(new) ai-DotChat-Speech                                        ∨
```

Connect Azure AI Search ⓘ   Create new AI Search

```
Skip connecting                                                ∨
```

Create a project

- ✓ Project details
- ✓ Create a hub
- ③ Review and finish

Review and finish

The following resources will be created for you, along with required dependencies. The creation of the first hub and project may take a few minutes to complete. Learn more about hubs and dependencies ⬈.

Hub
Name: DotChat-Speech
Subscription: Azure for Students
Resource group: PUCH-ChatGroup
Location: westeurope

Project
Name: DotChat-CustomSpeech
Subscription: Azure for Students
Resource group: PUCH-ChatGroup

AI Services
Name: ai-DotChat-Speech

Create a project

- ✓ Project details
- ✓ Create a hub
- ③ Review and finish

Review and finish

The following resources will be created for you, along with required dependencies. The creation of the first hub and project may take a few minutes to complete. Learn more about hubs and dependencies ⬈.

Resource	Type
DotChat-CustomSpeech	AI project ⓘ
DotChat-Speech	AI hub ⓘ
ai-DotChat-Speech	AI Services ⓘ
stdotchatspe868646296235	Storage account ⓘ
kv-dotchats	Key vault ⓘ

e.

f.

g.

h.

2. Transkrypcja filmu z YouTube z tłumaczeniem