PE02 Pictorial Translator Application

AI620 Fall 2024 by Verónica Elze

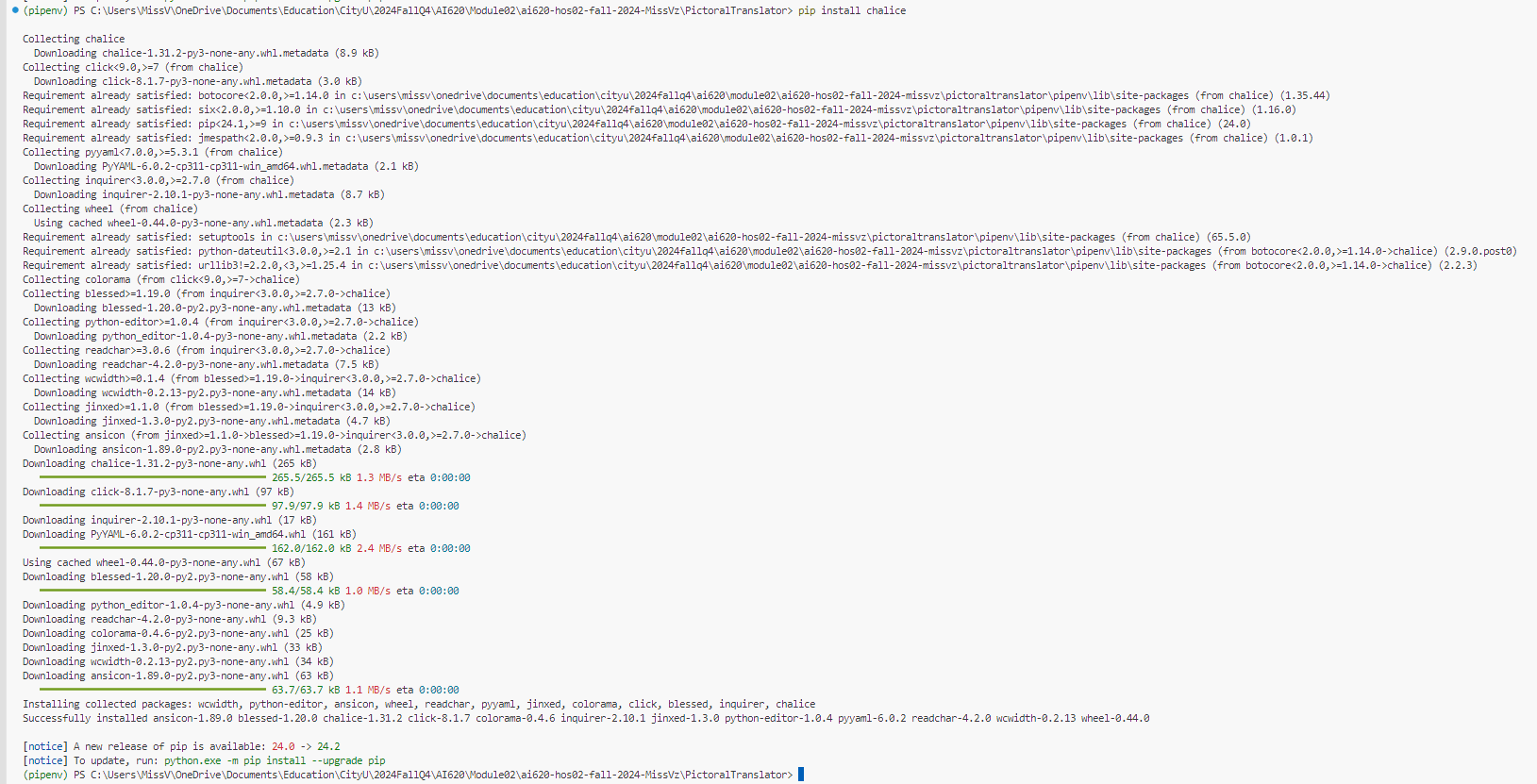
## Step PE02-01 Setting up the project structure

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated





Good thing I checked each folder structure, because I found a file I missed—kind of like discovering you forgot your wallet, but way less embarrassing!

A white background with black and white text

Description automatically generated with medium confidence

I also noticed that the last two files are missing in the HOS instructions' illustrated file structure. Here is what ChatGPT has to say about their relation. According to ChatGPT, they’re responsible for managing project dependencies—kind of like the people who actually show up to group meetings and keep everything from falling apart!  
A black screen with white text

Description automatically generated

## Steps PE02-2 Implement services

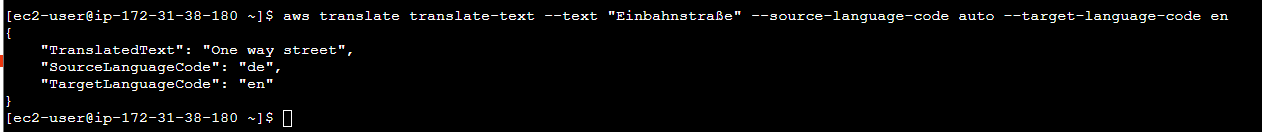
A screenshot of a computer program

Description automatically generated

### PE02-2.1 Recoknition service – text detection



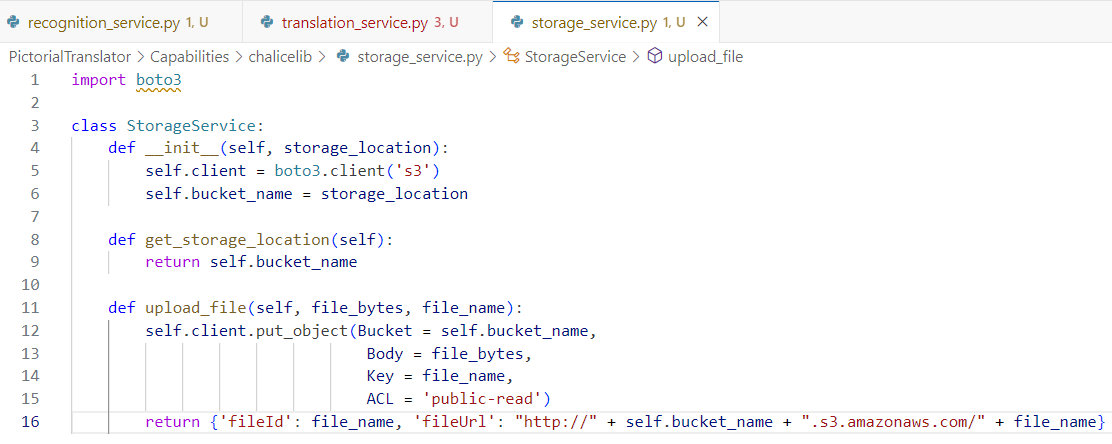
### PE02-2.2 Translation service – translating text



A screenshot of a computer program

Description automatically generated

### PE02-2.3 Storage service – uploading files





## PE02-3 Implement RESTful endpoints



### PE02-3.1 Translate the image text endpoint

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Description automatically generated

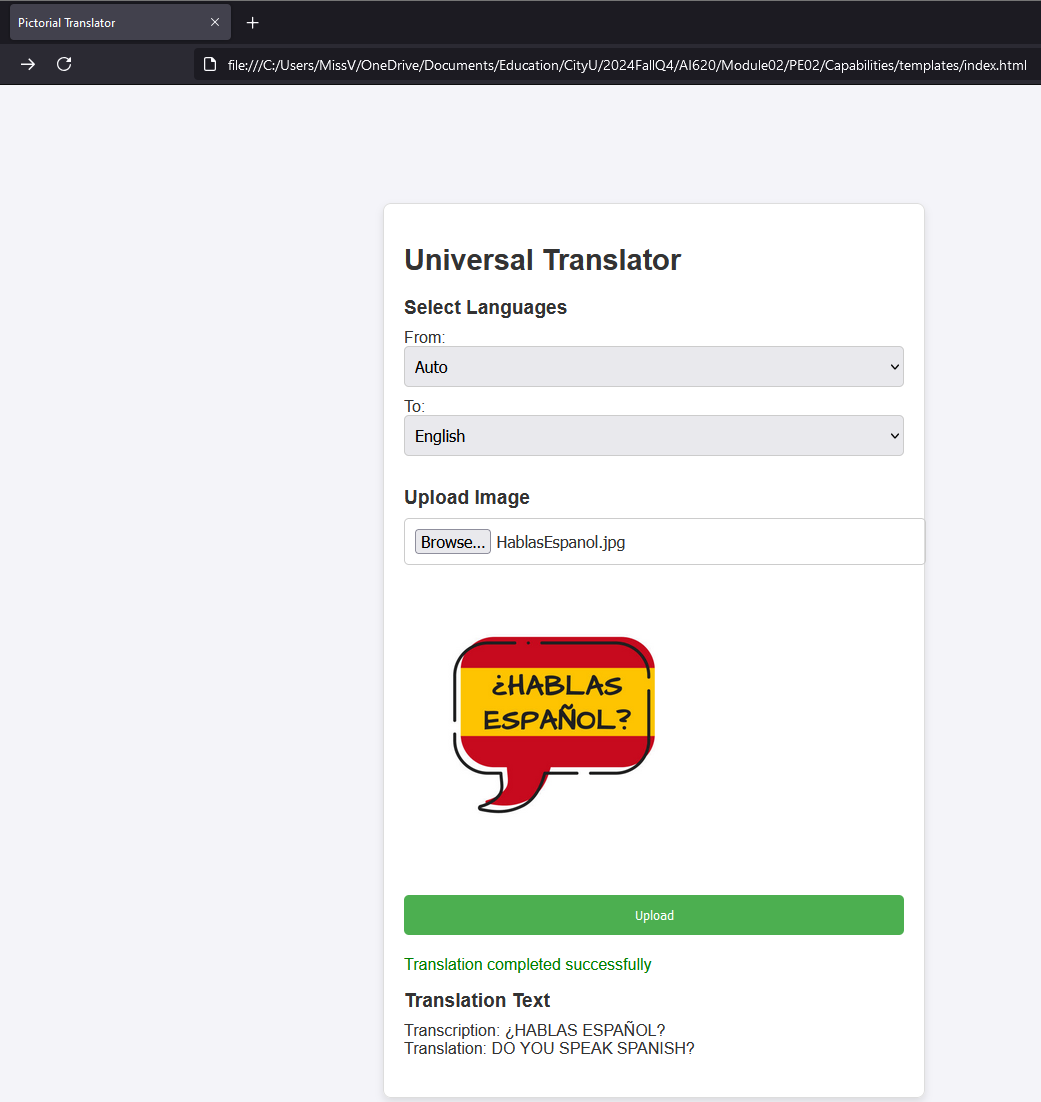
### PE02-3.2 Upload the image endpoint

#### Early attempt

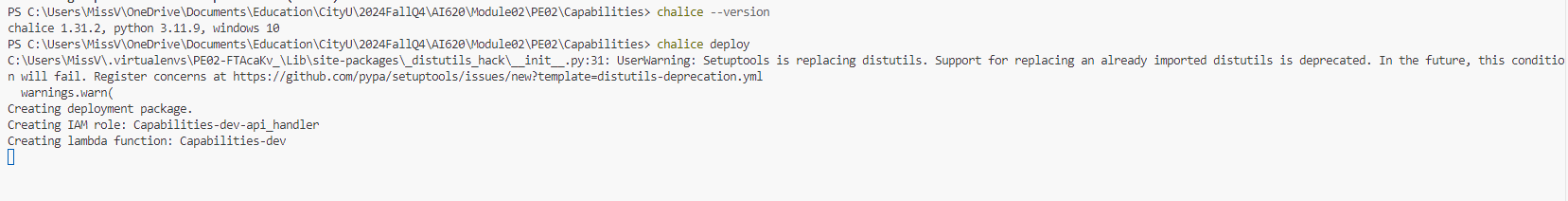
A white background with black text

Description automatically generated

#### Later attempt

## PE02-5 Deploying the Pictorial Translator to AWS



A close up of text

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A white screen with text

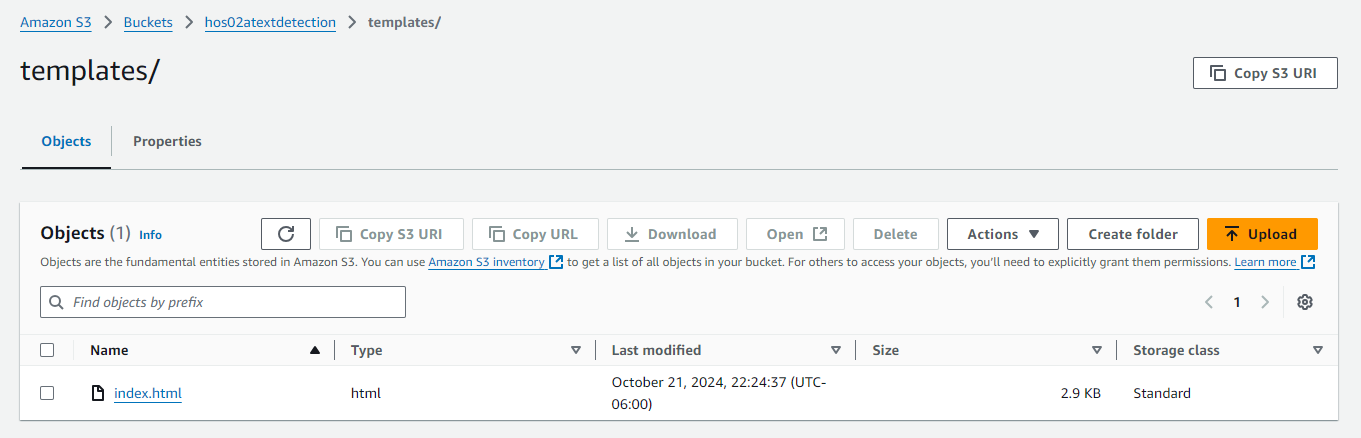
Description automatically generated with medium confidence

Resources deployed:

- Lambda ARN: arn:aws:lambda:us-west-2:850995577816:function:Capabilities-dev

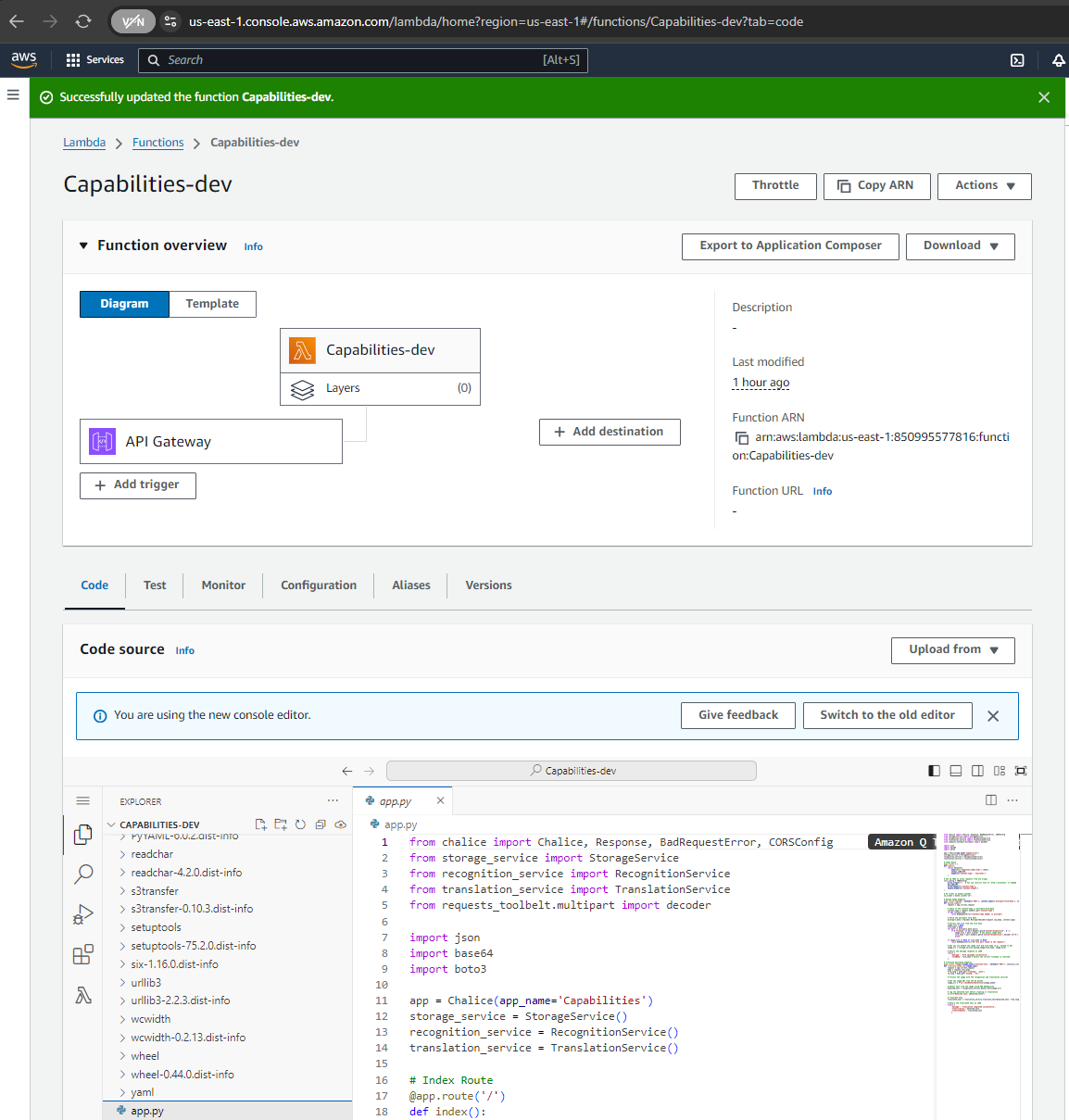
- Rest API URL: <https://f37dcreay4.execute-api.us-west-2.amazonaws.com/api/>

A screenshot of a computer

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A screenshot of a computer

Description automatically generated

 A screenshot of a computer

Description automatically generated

