This Flask application provides an API to extract Australian Medicare codes from a conversation transcription. It supports Cross-Origin Resource Sharing (CORS) and includes two routes: a home page and an endpoint for processing the conversation data.

**Imports**

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import traceback

from flask import Flask, jsonify, request

from flask\_cors import CORS, cross\_origin

from australiamedicarecodes import provide\_australian\_medicare\_codes

* traceback: Used for formatting exception tracebacks.
* Flask, jsonify, request: Core components from the Flask framework.
* CORS, cross\_origin: Used to handle Cross-Origin Resource Sharing.
* provide\_australian\_medicare\_codes: Custom function to process the conversation data.

**Flask Application Setup**

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app = Flask(\_\_name\_\_)

CORS(app, support\_credentials=True)

* app = Flask(\_\_name\_\_): Initializes the Flask application.
* CORS(app, support\_credentials=True): Enables CORS with support for credentials.

**Configuration**

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app.config['JSONIFY\_PRETTYPRINT\_REGULAR'] = True # 2 space indentation

app.config['JSON\_SORT\_KEYS'] = False # avoids jsonify to sort the keys in alphabetical manner

* JSONIFY\_PRETTYPRINT\_REGULAR: Ensures pretty-printed JSON responses with 2-space indentation.
* JSON\_SORT\_KEYS: Disables automatic sorting of JSON keys.

**Routes**

**Home Page**

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@app.route('/')

@cross\_origin(supports\_credentials=True)

def home\_page():

result = [

{

'Created By': 'Global Medics Australia Pty Ltd : https://globalmedics.ai/',

'description': 'Australian Medicare Codes',

}

]

return jsonify(result)

* @app.route('/'): Defines the home page route.
* @cross\_origin(supports\_credentials=True): Enables CORS for this route.
* home\_page(): Returns a JSON response with a description and a link to the creator's website.

**Australian Medicare Codes Endpoint**

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@app.route('/australianmedicarecodes', methods=['POST', 'GET'])

@cross\_origin(supports\_credentials=True)

def summarise\_conversation():

if request.method == 'POST':

try:

data = request.json

if data is not None:

response = jsonify(provide\_australian\_medicare\_codes(data))

return response

else:

return "Data is not defined."

except:

return jsonify({'trace': traceback.format\_exc()})

* @app.route('/australianmedicarecodes', methods=['POST', 'GET']): Defines a route for handling POST and GET requests.
* @cross\_origin(supports\_credentials=True): Enables CORS for this route.
* summarise\_conversation(): Handles the request:
  + Checks if the request method is POST.
  + Tries to parse JSON data from the request.
  + Calls the provide\_australian\_medicare\_codes function if data is provided.
  + Returns the processed response as JSON.
  + If an exception occurs, returns the traceback for debugging.

**Running the Application**

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if \_\_name\_\_ == '\_\_main\_\_':

app.run(debug=False, port=5008)

* Runs the Flask application on port 5008 with debug mode set to False.

**Summary**

* **Home Page**: A simple informational route.
* **/australianmedicarecodes**: Main endpoint for processing conversation data and returning Australian Medicare codes.
* **CORS Enabled**: Allows requests from different origins with support for credentials.
* **Error Handling**: Uses traceback to return detailed error messages for debugging.