

TechGear Electronics Support Chatbot

1.0.0 OAS 3.1

[/openapi.json](#)

RAG-powered customer support chatbot using ChromaDB, LangChain, LangGraph, and Gemini Flash 2.5

default ^

GET / Root

GET /health Health Check

POST /chat Chat

Main chat endpoint that processes customer queries using the LangGraph workflow.

The workflow:

1. Classifies the query (products, returns, general, or escalate)
2. Routes to RAG responder or escalation handler
3. Returns the appropriate response with metadata

Args: request: ChatRequest with user query and optional conversation history

Returns: ChatResponse with chatbot answer and category

Parameters

[Cancel](#)

No parameters

Request body required

[application/json](#)

[Edit Value](#) Schema

```
{  
  "history": [  
    {  
      "sender": "user",  
      "text": "Tell me about your smartwatches"  
    },  
    {  
      "sender": "bot",  
      "text": "We have the SmartWatch Pro X..."  
    }  
  "query": "What is the price of SmartWatch Pro X?"  
}
```

ExecuteClear

Responses

Curl

```
curl -X 'POST' \  
  'http://localhost:8000/chat' \  
  -H 'accept: application/json' \  
  -H 'Content-Type: application/json' \  
  -d '{  

```

Request URL

http://localhost:8000/chat

Server response

Code	Details
------	---------

200

Response body

```
{  
  "response": "The SmartWatch Pro X is priced at ₹15,999.",  
  "category": "products"  
}
```

[Download](#)

Response headers

access-control-allow-credentials: true

Code	Details	
	<pre>content-length: 81 content-type: application/json date: Mon, 02 Feb 2026 10:36:44 GMT server: uvicorn</pre>	
	Responses	
Code	Description	Links
200	<p>Successful Response</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "category": "products", "response": "The SmartWatch Pro X is priced at ₹15,999." }</pre>	No links
422	<p>Validation Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	No links

POST /chat/direct Chat Direct ^

Direct RAG endpoint that bypasses the classification step. Useful for debugging or when you want to force RAG retrieval.

Args: request: ChatRequest with user query

Returns: ChatResponse with RAG-generated answer

Parameters

[Cancel](#)

No parameters

Request body required

application/json

[Edit Value](#) [Schema](#)

```
{
  "history": [
    {
      "sender": "user",
      "text": "Tell me about your smartwatches"
    },
    {
      "sender": "bot",
      "text": "We have the SmartWatch Pro X..."
    }
  ],
  "query": "What is the price of SmartWatch Pro X?"
}
```

[Execute](#)[Clear](#)**Responses****Curl**

```
curl -X 'POST' \
  'http://localhost:8000/chat/direct' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "history": [
      {
        "sender": "user",
        "text": "Tell me about your smartwatches"
      },
      {
        "sender": "bot",
        "text": "We have the SmartWatch Pro X..."
      }
    ],
    "query": "What is the price of SmartWatch Pro X?"
}'
```

Request URL<http://localhost:8000/chat/direct>**Server response****Code** **Details**

200

Response body

```
{
  "response": "The SmartWatch Pro X is priced at ₹15,999."
```

[Download](#)**Code****Details**

```

    "category": "direct"
}

```

Response headers

```

access-control-allow-credentials: true
content-length: 79
content-type: application/json
date: Mon, 02 Feb 2026 10:36:07 GMT
server: uvicorn

```

Responses**Code****Description****Links**

200

Successful Response

No links

Media type

application/json

Controls Accept header.

Example Value Schema

```

{
  "category": "products",
  "response": "The SmartWatch Pro X is priced at ₹15,999."
}

```

422

Validation Error

No links

Media type

application/json**Example Value** Schema

```

{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}

```

Schemas**ChatRequest** > Expand all **object****ChatResponse** > Expand all **object**

HTTPValidationError > [Expand all](#) **object**

HealthResponse > [Expand all](#) **object**

HistoryMessage > [Expand all](#) **object**

ValidationError > [Expand all](#) **object**