**SpeakEZ**

**AI Language Translator**

A blue and yellow logo

Description automatically generated

**API Documentation**

This documentation covers the API we are running on our server which is integrated with our database. It includes information on user credentials, user details, favourites and history. To fetch and modify the relevant data. Below is the detailed description of all the APIs we used in our application.

| **Endpoint** | **Method** | **Description** | **Request Parameters** | **Response Example** |
| --- | --- | --- | --- | --- |
| https://speakez-server.uk.r.appspot.com/api/favourite?email=${encodeURIComponent(email) | GET | Fetch favorites | email | [{  **destinationLanguage:** "en"  **englishTranslation:** " Hello?"  **favourite:** true  **id:** "-ODre6SOBpw7eXNSKQnc"  **sourceLanguage:** "zh"  **transcription:** "你好嗎?"  **translation:** " Hello?"  }] |
| https://speakez-server.uk.r.appspot.com/api/favourite | POST | Remove favorites | id, email | {  **message:** “success!!”  } |
| https://speakez-server.uk.r.appspot.com/api/history?email=${encodeURIComponent(email) | GET | Fetch history | email | [{  **destinationLanguage:** "en"  **englishTranslation:** " Hello?"  **favourite:** true  **id:** "-ODre6SOBpw7eXNSKQnc"  **sourceLanguage:** "zh"  **transcription:** "你好嗎?"  **translation:** " Hello?"  },  {  **destinationLanguage:** "en"  **englishTranslation:** " Hello, how are you?"  **favourite:** false  **id:** "-ODxSjQ-438ZALoAq5cb"  **sourceLanguage:** "en"  **transcription:** " Hello, how are you?"  **translation:** " Hello, how are you?"  }] |
| https://speakez-server.uk.r.appspot.com/api/favourite | POST | Handle favorite | id, email | {  **message**: “success!!”  } |
| https://speakez-server.uk.r.appspot.com/api/history | DELETE | Clear history | email | {  **message**: “History deleted successfully!”  } |
| https://speakez-server.uk.r.appspot.com/transcribe | POST | Transcribe | audiofile,  language, content,  email | {  **destinationLanguage:** "en"  **englishTranslation:** " Hello?"  **favourite:** true  **id:** "-ODre6SOBpw7eXNSKQnc"  **sourceLanguage:** "zh"  **transcription:** "你好嗎?"  **translation:** " Hello?"  } |
| https://speakez-server.uk.r.appspot.com/api/login | POST | Login - handle submit | email,  password | {  **message:** “You are logged in !!!”  } |
| https://speakez-server.uk.r.appspot.com/api/signup | POST | Signup - handle submit | email,  name,  password,  confirmPassword | {  **message:** “You are signed up !!!”  } |