

Real-time Sound Recognition & Slangs and Idioms

immediately get the meaning of slangs and idioms you don't know in dialogue, TV show or podcast, especially for non-native speakers

Team 8 xxx:

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- 🔊 I think it's **out of pocket**
too aggressive or
too wild
- 🔊 Ah?
- 🔊 Hhh, she's **beating around bush**
not getting straight to
the point, avoiding
what you want to say
- 🔊 You too.



Team 8 XXX

Name	jAccount	technical key strength
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Interview participants and venues

- Target Group: Non-native English speakers who are currently learning English.
- Recruitment Method: Utilize online forums and communities for language learners, such as language exchange apps, ESL (English as a Second Language) groups, and university international student associations.
- Primary Venue: Online platforms like Zoom, Skype, or Microsoft Teams to conduct remote live interviews.
- Secondary Venue: Local language schools, university language centers, and community centers if in-person interviews are possible and safe.

Interview Questionnaire

1. Background and Context

- Can you tell me a bit about yourself and your experience with learning English?
- What are some of the challenges you face as a non-native speaker?

2. Current Methods and Tools

- How do you currently learn and understand slang and idioms in English?
- What resources or tools do you use to help you with this aspect of learning?

3. Experience with Slang and Idioms

- Can you share an experience where you struggled to understand slang or idioms in a conversation?
- How did you feel in that situation and what did you do to try and understand the slang or idiom?

Interview Questionnaire

4. Impact and Pain Points

- How does not understanding slang and idioms affect your daily life or communication with native speakers?
- Can you describe a specific instance where not knowing slang or idioms caused a misunderstanding or awkward moment?

5. Desire for a Solution

- What kind of features would you like to see in a tool designed to help with understanding slang and idioms?
- How do you think such a tool could improve your learning experience and communication skills?

6. Usability and Preferences

- Would you prefer a mobile app, a web-based tool, or an integrated feature within existing language learning apps?
- How important is real-time recognition and translation of slang and idioms for you?

Interview Questionnaire

7. Feedback on Proposed Solution

- Based on what I've shared about our product, what do you think are its strengths and weaknesses?
- Is there anything you feel we might have overlooked or any additional features you would suggest?

Closing

- Thank the interviewee for their time and insights.
- Inform them about the next steps and how their feedback will be used to improve the product.
- Offer to share the results or progress of the project if they are interested.

Apps in App Store



Idioms and Slang Dictionary 12+

Phrase meanings and history

[Farlex, Inc.](#)

Designed for iPad

★★★★★ 4.7 • 735 Ratings

Free · Offers In-App Purchases

Idioms and Slang Dictionary gives definitions and examples from top sources like McGraw-Hill and Houghton Mifflin for more than 61,000 terms, including: Idioms, Slang terms, Verbal phrases, Abbreviations, Proverbs, Expressions, Sayings and more.



iTranslate Voice 4+

Speak & Translate in Real Time

[iTranslate](#)

Designed for iPad

★★★★★ 4.7 • 11.2K Ratings

Free · Offers In-App Purchases

Already trusted by Millions, the completely re-designed iTranslate Voice guarantees a flawless voice translation experience in over 40 languages. With more than 250 predefined phrases, the new Phrasebook is designed to help out in any situation.

Apps in Google PlayStore



Speech Recognition & Synthesis

Google LLC

4.0★
3.7M reviews

10B+
Downloads

Everyone



SoundType AI: Speech To Text

Innosquares limited
In-app purchases

4.5★
2.81K reviews

100K+
Downloads

Everyone



AI Transcribe. Speech to Text

MeetGeek

1K+
Downloads

Everyone

Power your device with the magic of Google's text-to-speech and speech-to-text technology. Speech Recognition provides speech-to-text functionality to Google and other third party apps to convert what you say to text.

This app for transcribing voice to text and transcribing audio transforms your voice or video files into accurately transcribed text. Its also equipped with innovative audio features and AI-powered summaries.

MeetGeek is the AI-powered voice recorder app that allows you to transcribe speech to text and record audio in over 30 languages. From today onward, your meetings can end with an accurate transcript and an AI-generated summary.

Comparison Table

Criteria	Ours	Idioms and Slang Dictionary	iTranslate Voice	Speech Recognition & Synthesis	SoundType AI	AI Transcribe
Cost	+	+	+	+	-	-
Number of Languages	20+ expected	1	40+	100+	90+	30+
Speech to Text	+	-	+	+	+	+
Size	+	+	-	+	-	-
Idiom Database	+	+	-	-	-	-

Summarization

Though in the app stores there are many idiom dictionary apps and speech-to-text apps, our app combines a speech-to-text model and an idiom&slang-specific database, with the ability to recognize the idioms and slangs in the text, which is one of our hard-to-copy points.

Also, compared to general AI-translate apps, we focus on the detailed and immediate explanations of idiom&slangs in the sentences, so our app would be light-weighted and responsive.