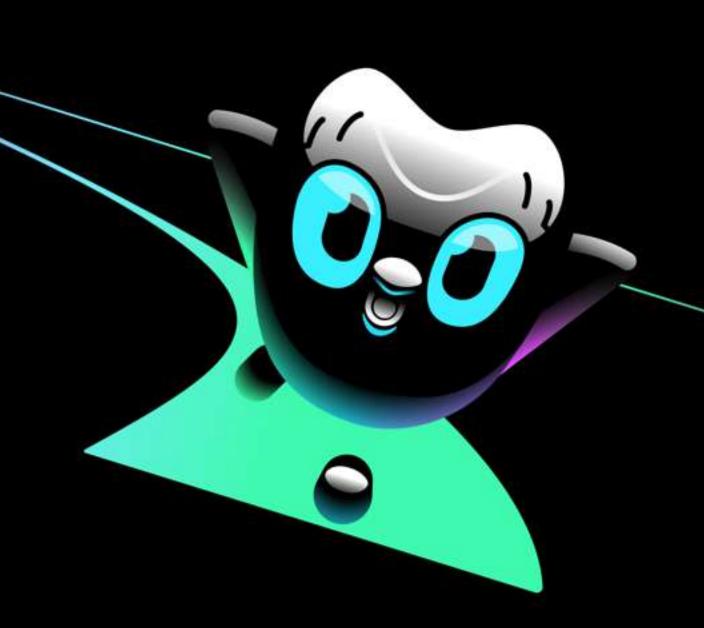
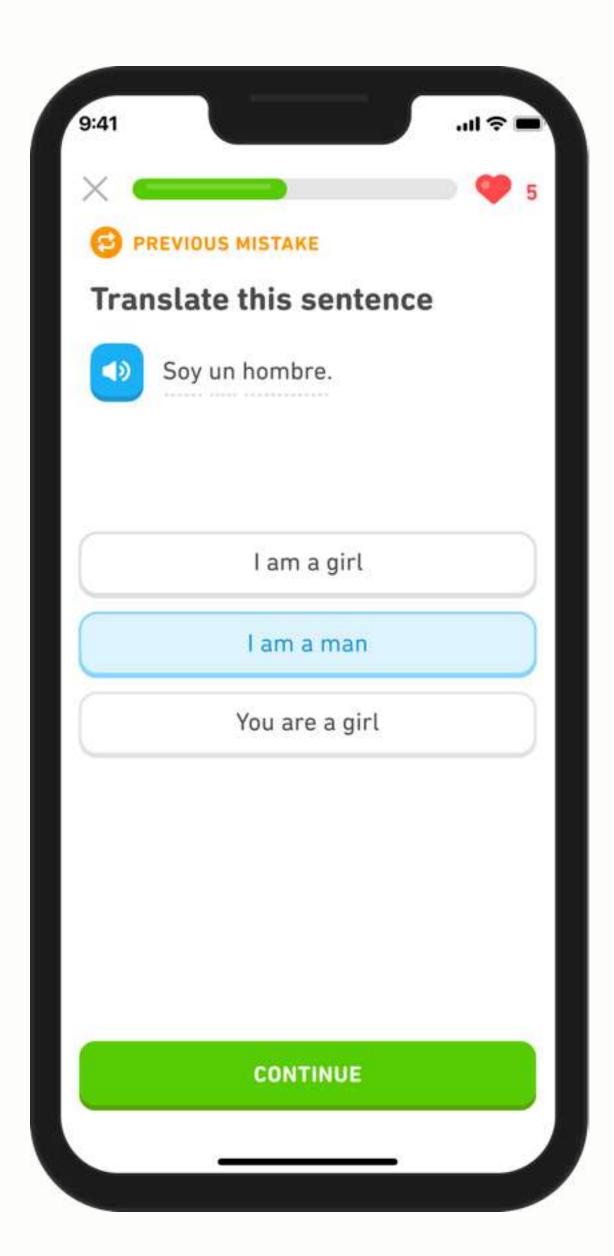
DESIGN MATTERS 2023

Designing with Al: Building the Flagship GPT-4 Language Product







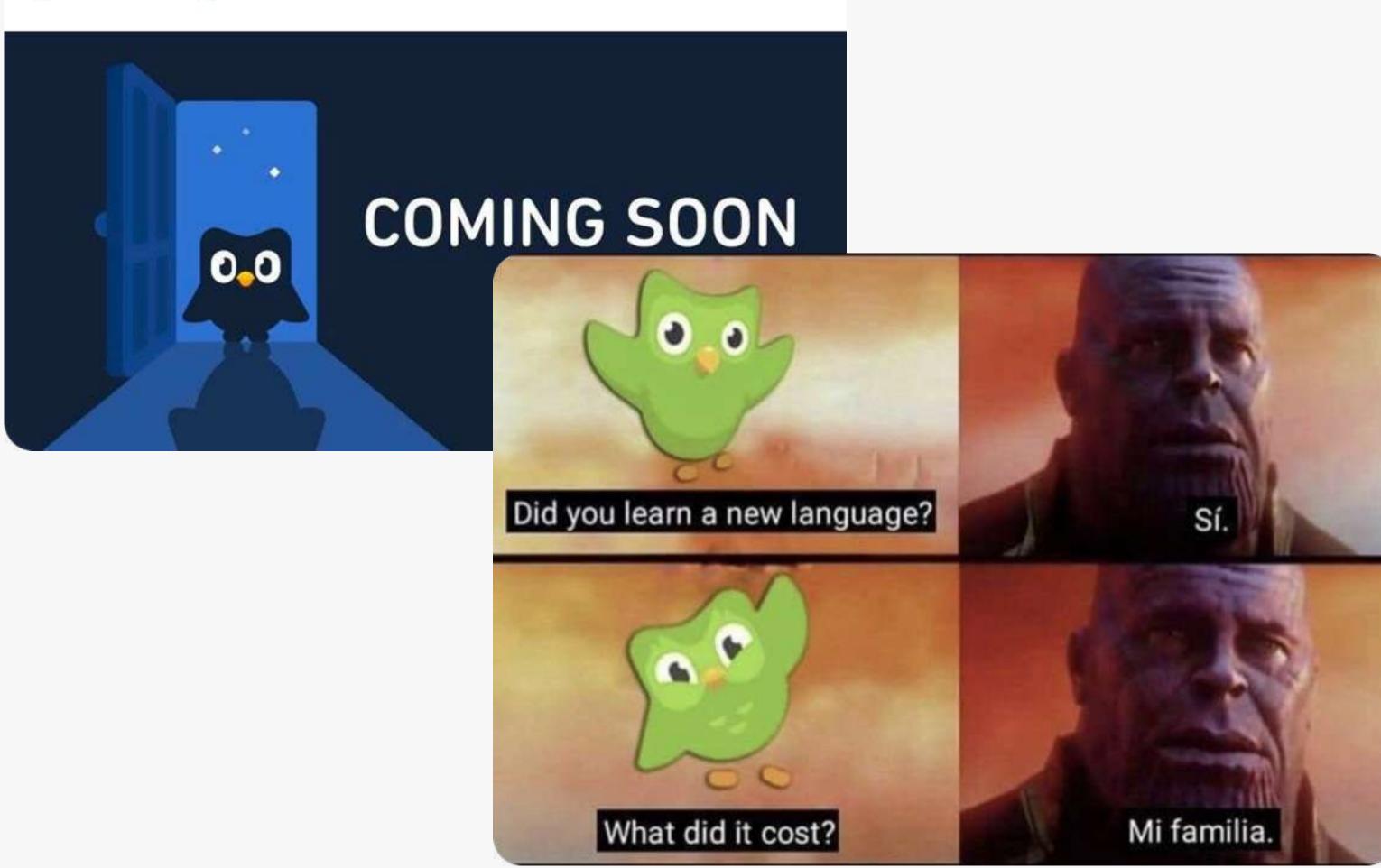




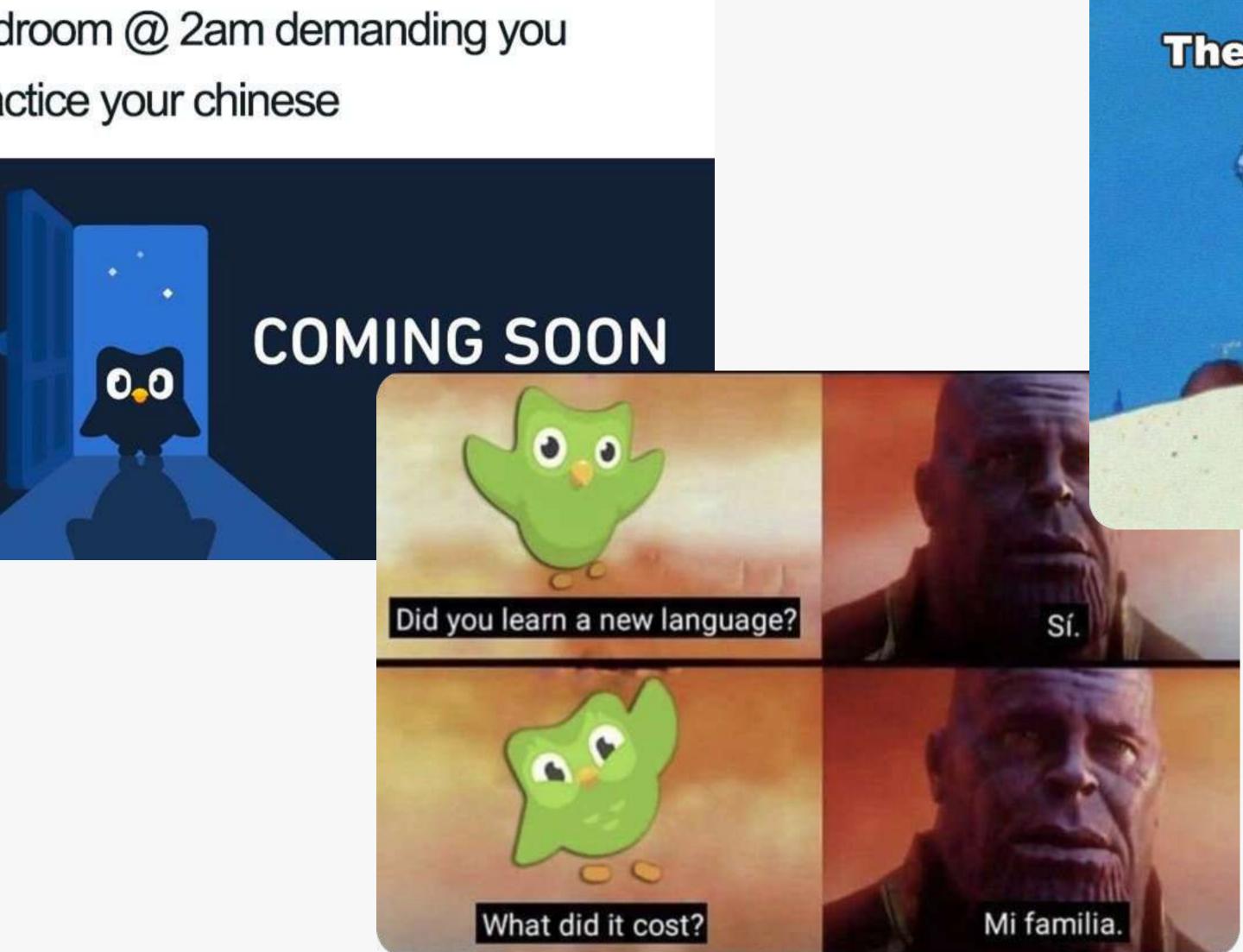
The duolingo bird showing up in your bedroom @ 2am demanding you practice your chinese



The duolingo bird showing up in your bedroom @ 2am demanding you practice your chinese



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The duolingo bird showing up in your bedroom @ 2am demanding you

practice your chinese







Develop the best education in the world and make it universally available.



SUPER duolingo









Alana education made a good duo

Sep 19 Mon

Edwin / Luis

mon sep 19, 2022

yes

no

Write a story about a girl from Guatemala who dreams of being an astronaut

Write a story about a girl from Guatemala who dreams of being an astronaut

Once upon a time, in the lush mountains of Guatemala, there was a village called La Esperanza. This village was home to a kind-hearted, curious girl named Flor ...

Rewrite it at a beginner level

Rewrite it at a beginner level

In a small village in Guatemala, there was a kind girl named Flor ...

Include the word 'chili cheese dog'

Include the word 'chili cheese dog'

In a small village where they are famous for chili cheese dogs, there was a kind girl named Flor ...

Rewrite this as a sassy teenager

Rewrite this as a sassy teenager

Ugh, like, there's this tiny, insignificant village that thinks it's SO cool because of its chili cheese dogs - yeah, right - and there's this girl named Flor, who's like, kinda nice, or whatever...

Translate it to Spanish

Translate it to Spanish

En un pequeño pueblo guatemalteco famoso por sus perros calientes con chili y queso, vivía una niña amable llamada Flor...

Explain "niña amable"

Explain "niña amable"

In Spanish, it's common for adjectives to come after the noun they modify, unlike English, where the adjective typically comes before the noun ...

"Pivot your team immediately this is going to transform education."







You haven't won yet





Ask me...anything?



Al products need to have an opinion, rather than requiring the user to know what to ask.

- ⁰¹ What user needs should focus on?
- 02 How can we use gen ai to solve them?

help me understand grammar



improve my speaking & pronunciation



prep me for real world conversations



help me understand my progress



open ai playground





Natalia 0.

Pretend you are my Spanish tutor. I need help ordering a coffee when I travel to Barcelona. Create a fill in the blank exercises to help me practice.



GPT-4

Excuse me, I would like a coffee, please.

- Perdón, me gustaría un _____, por favor.
- Answer: café

open ai playground





David C.

I'd like to practice my conversational Spanish. You are a taxi driver, named Lily driving me to the airport.



GPT-4

¡Hola! Soy Lily. ¿Por qué tengo que llevarte al aeropuerto?



David C.

Hola, estoy viajando a Hawaii

open ai playground





Jack H.

Pretend you are a Spanish tutor, explain my mistake My answer: "ir a la playa en autobus"



GPT-4

Mistake: You used "ir" instead of "voy".

Explanation: "Ir" is the infinitive form of the verb "to go", while "voy" is the conjugated form for the first person singular (I go). You need to use the conjugated form to correctly express "I go to the beach by bus."



open ai playground



Angela H.

I made the following mistakes while practicing Spanish. Could you summarize what I'm doing wrong?



GPT-4

Yes, the primary issue is with the proper use of verbs in different contexts. Focusing on understanding and practicing verb forms and their usage in various situations should help you improve your Spanish.



prep me for real world conversations



improve my speaking & pronunciation



help me understand grammar



help me understand my progress



generate learning exercises

be a conversation partner

explain language concepts

provide learning insights

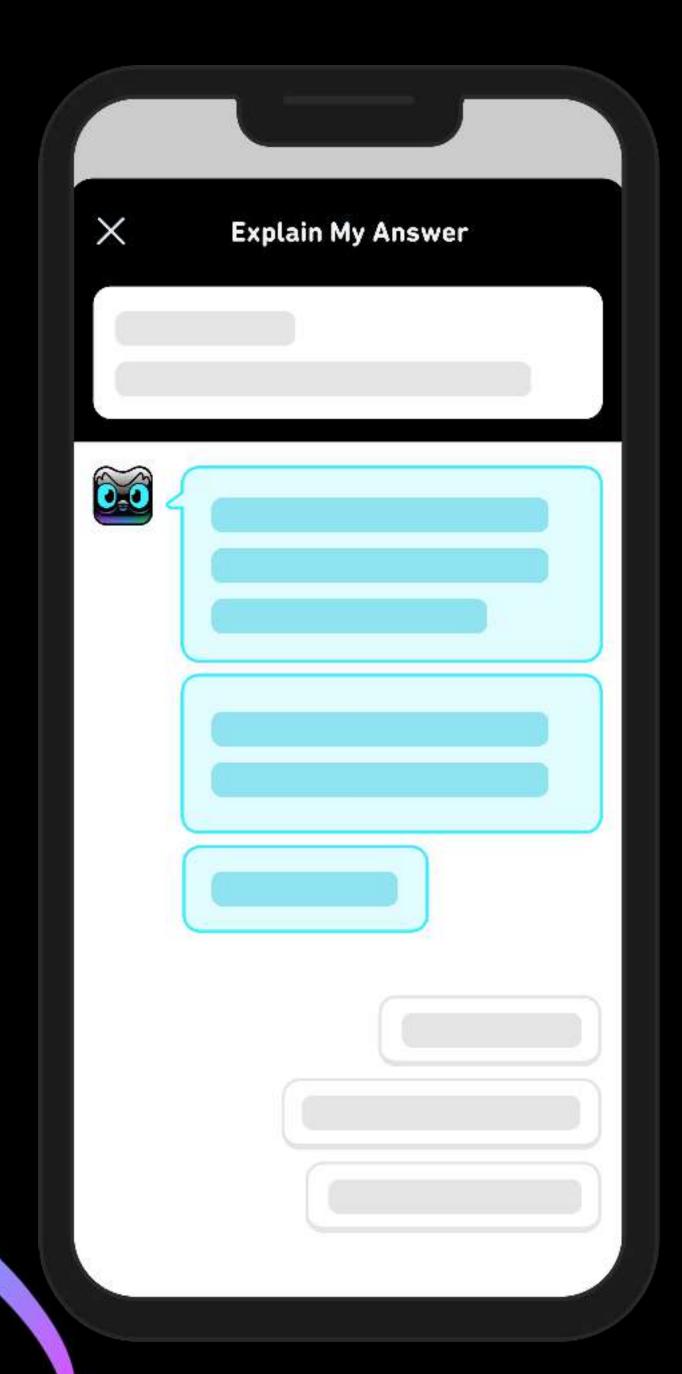
prep me for improve my real world speaking & conversations pronunciation generate learning be a conversation

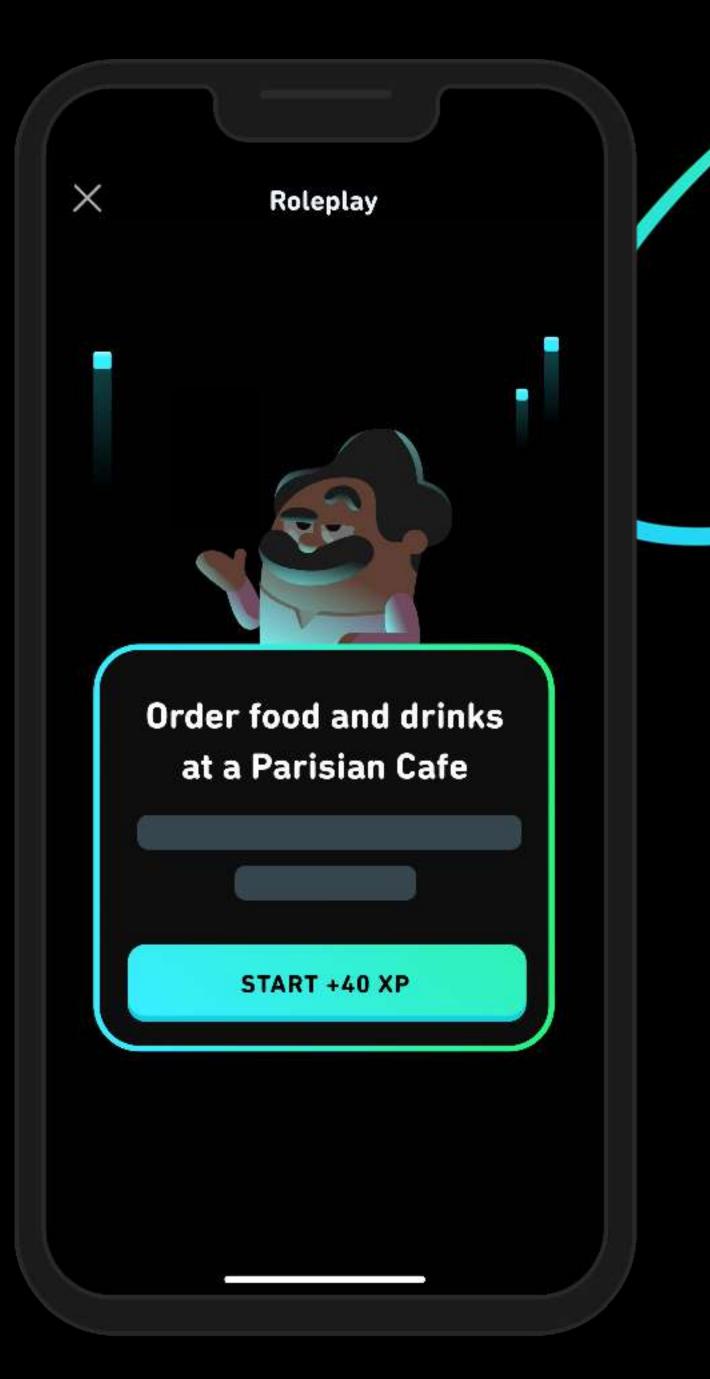
partner

help me understand grammar explain language concepts

help me understand my progress

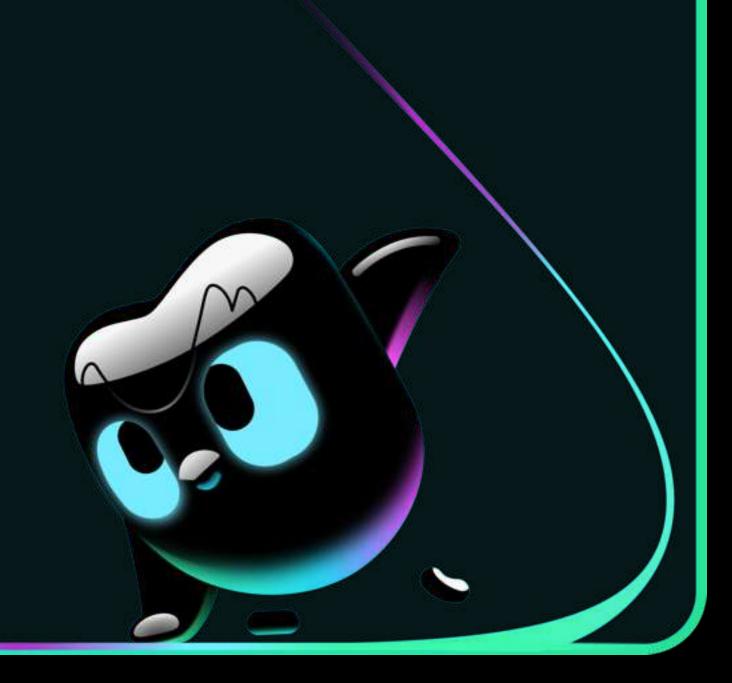
provide learning insights

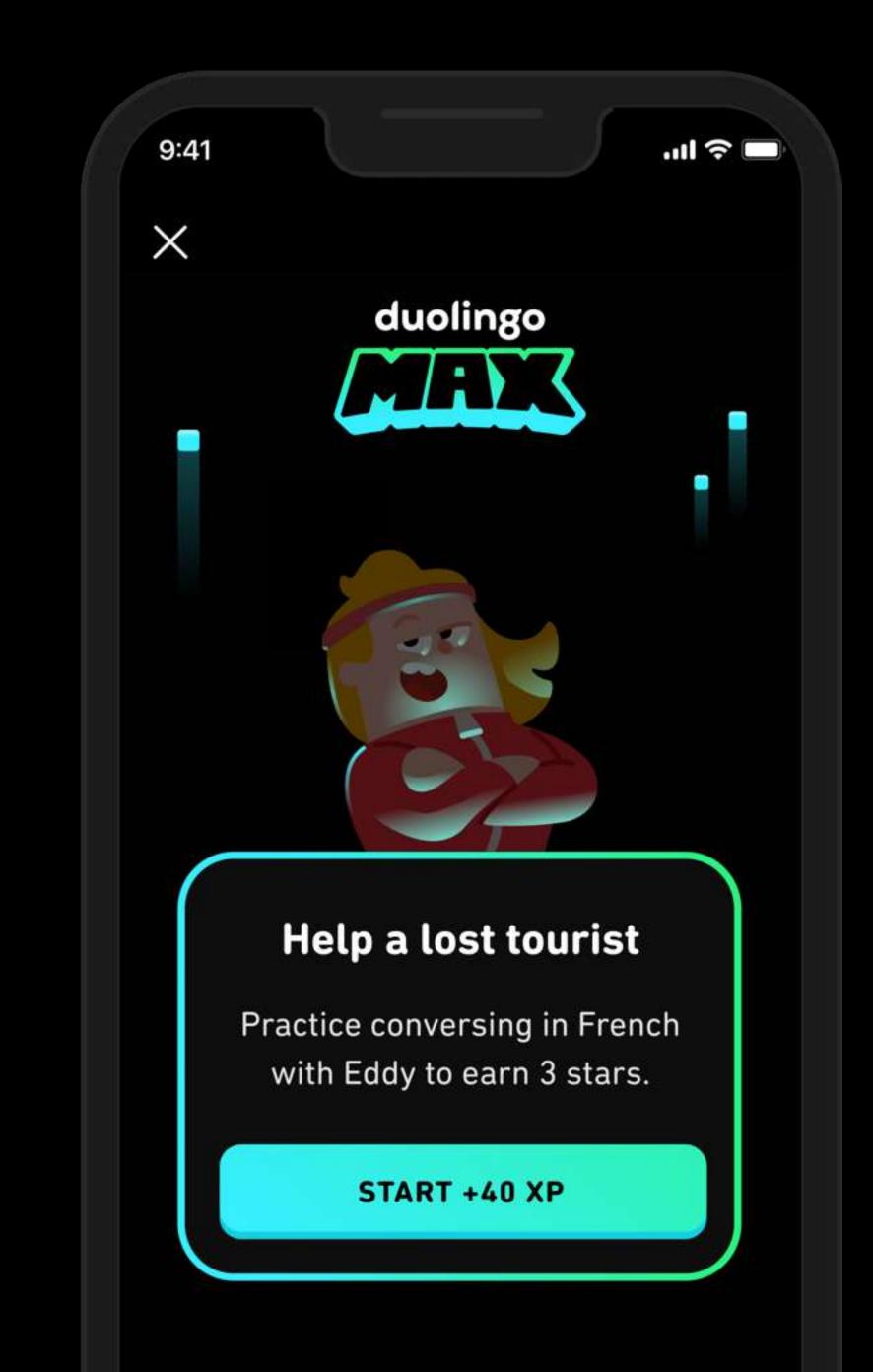






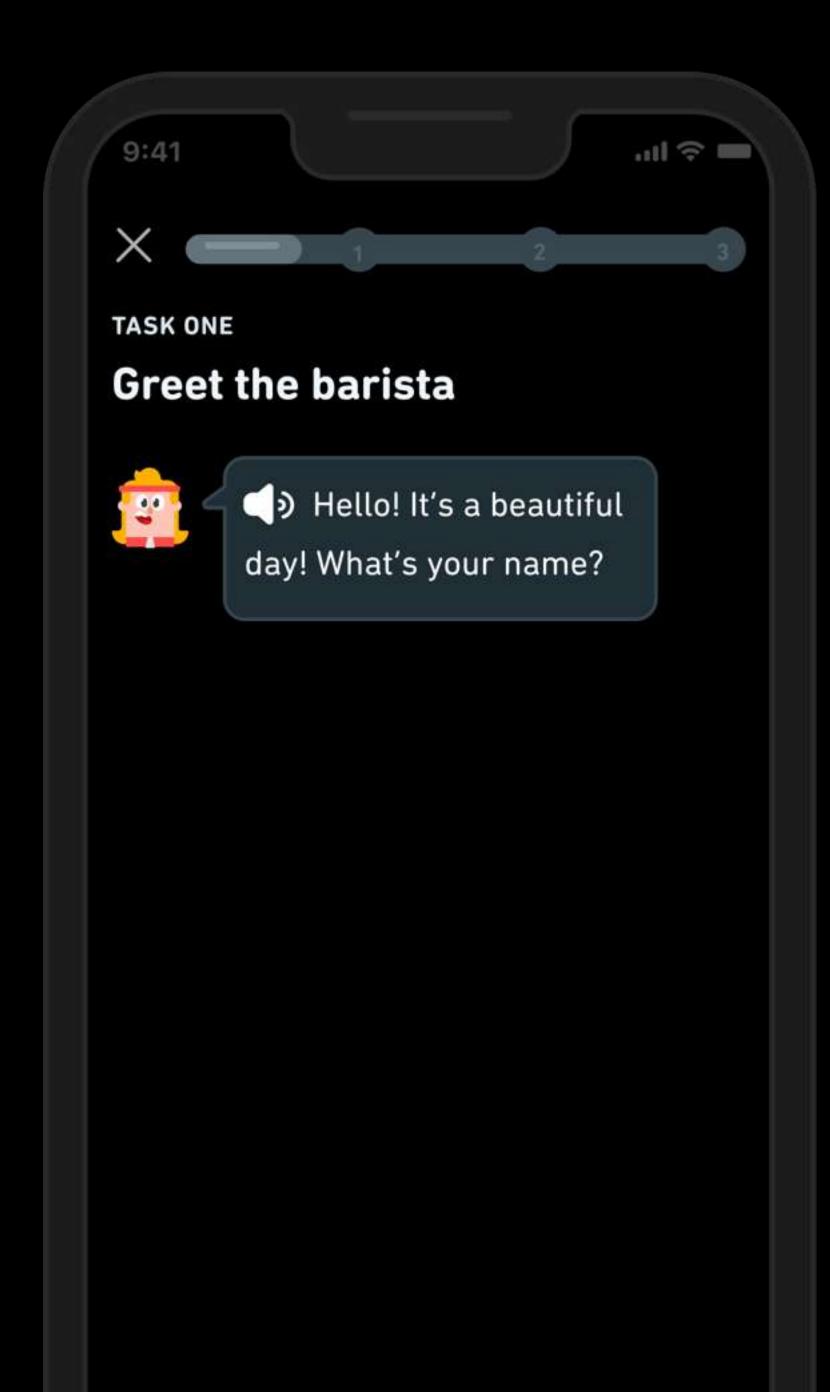
Marry technical possibility with core user needs

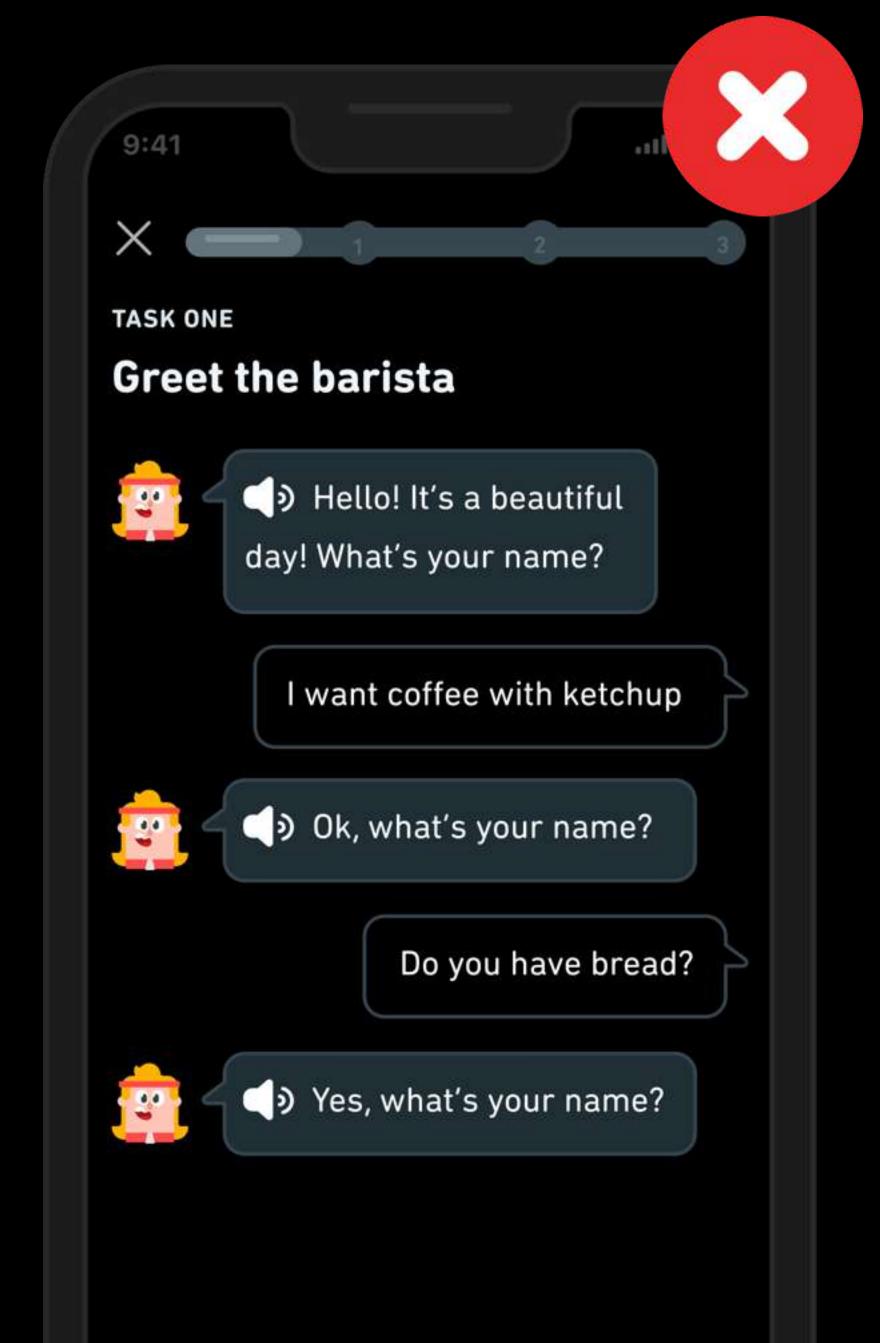






- oi define learner needs
- oz outline learning objectives
- os explore possible directions







How are you spending your first night here?



How are you spending your first night here?

I think I'll get a McDonald's cheeseburger!





How are you spending your first night here?

I think I'll get a McDonald's cheeseburger!

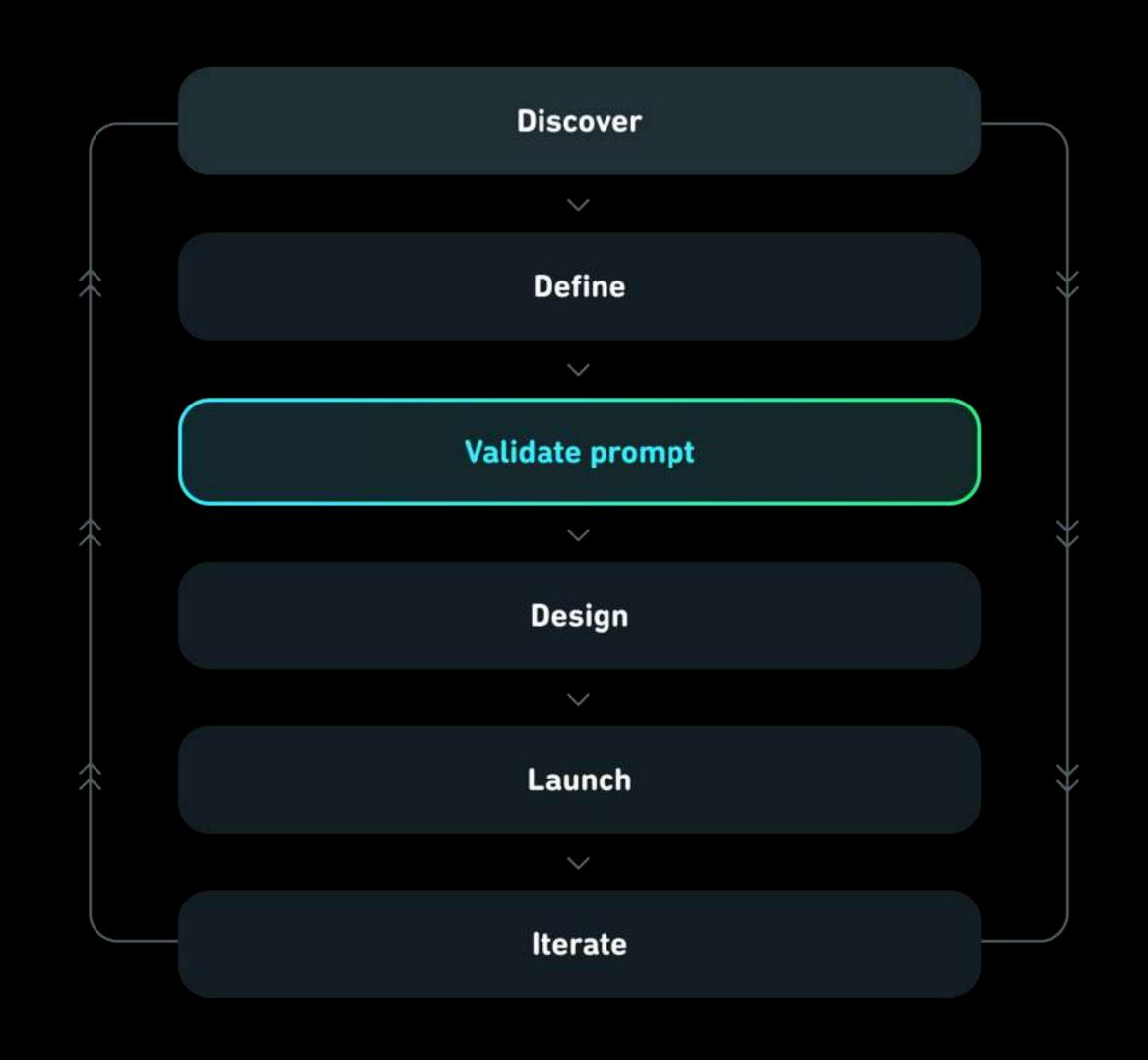




McDonald's!? In Paris!?

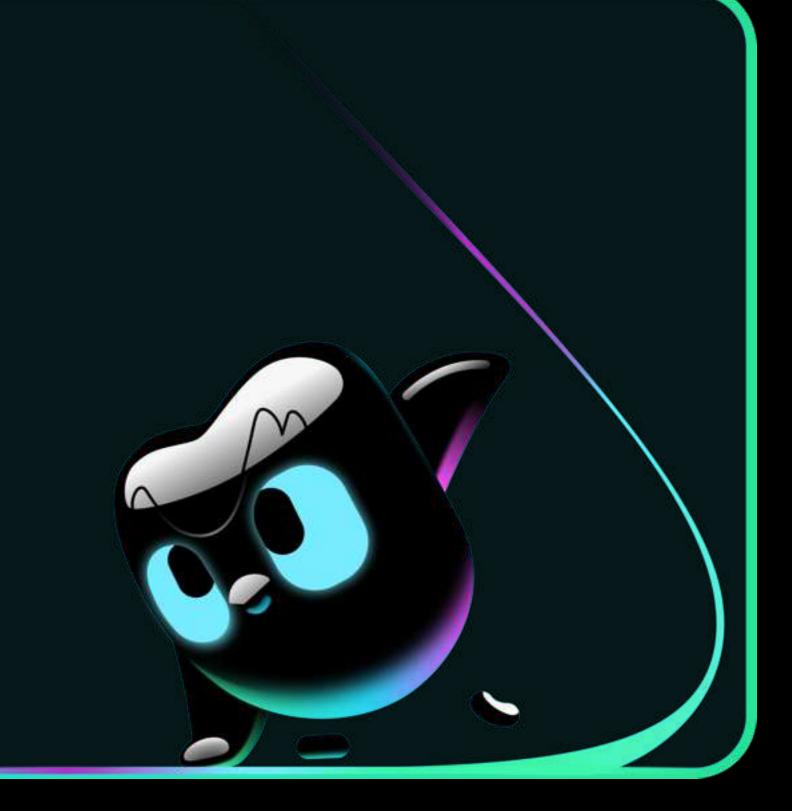
Mon Dieu! Try a bistro

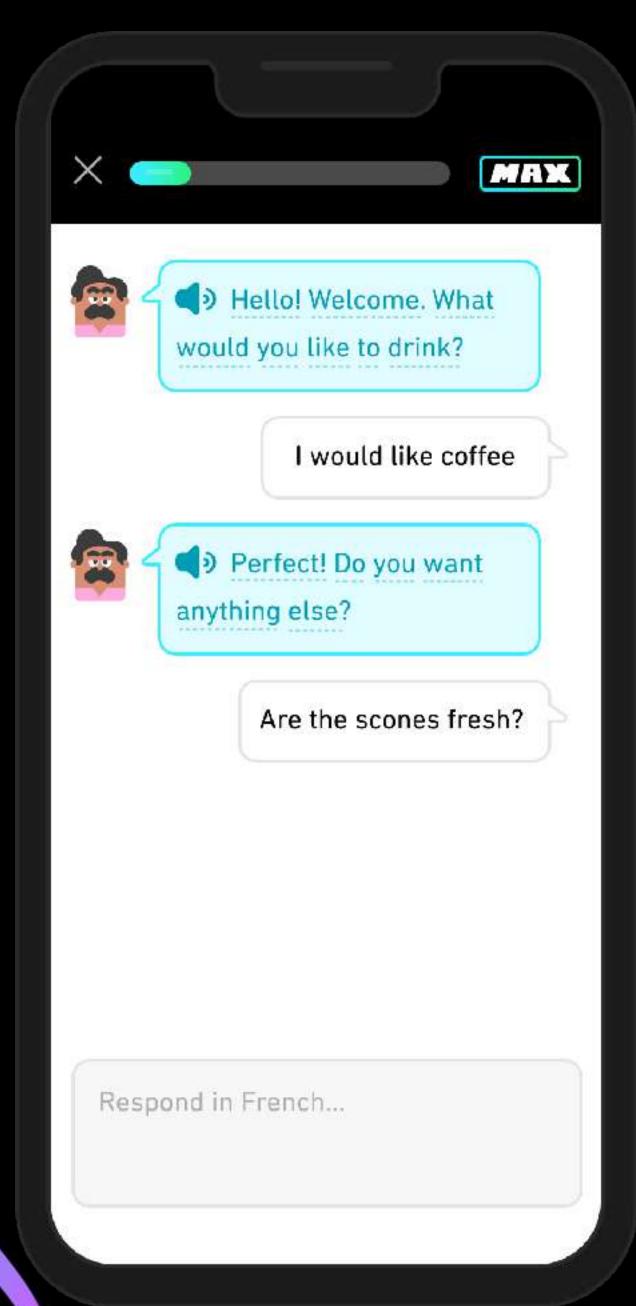
instead. Bon appétit.





Start with the prompt







Roleplay report



Nice effort! You're learning to converse in French. I'll take a look at your writing and provide some helpful tips!

To sound even more natural, you could use **ça va** (it's fine) instead of **est bien** (is good) in a few places.

Was this feedback helpful?





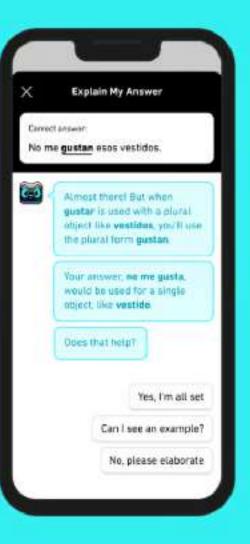
CONTINUE



Duolingo

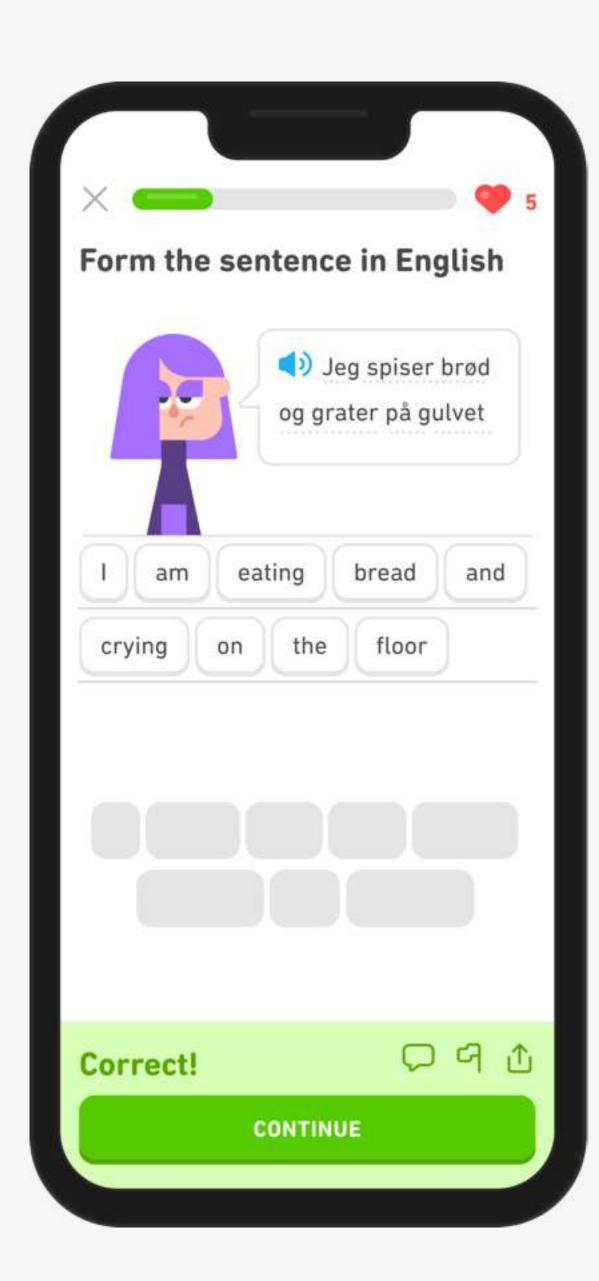
GPT-4 deepens the conversation on Duolingo.

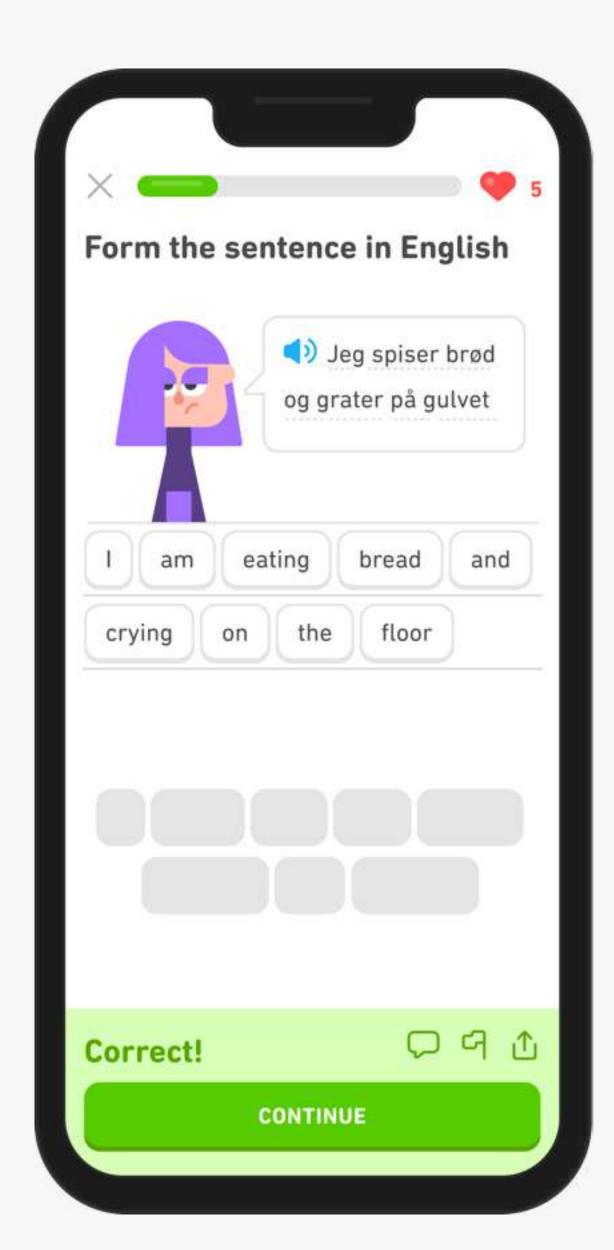




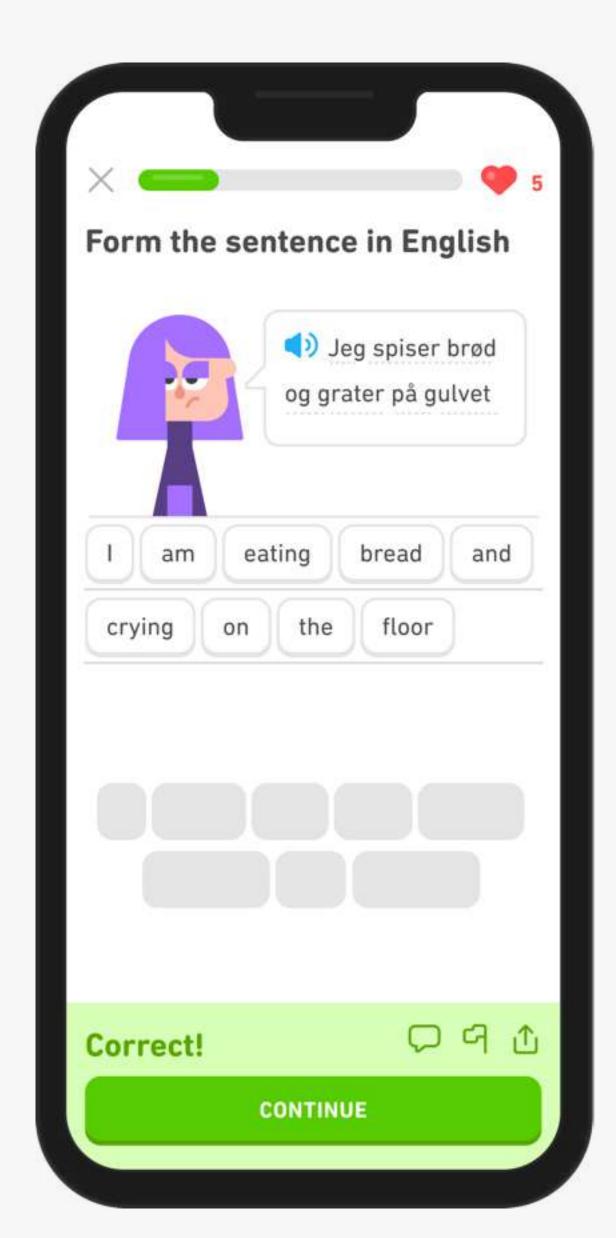


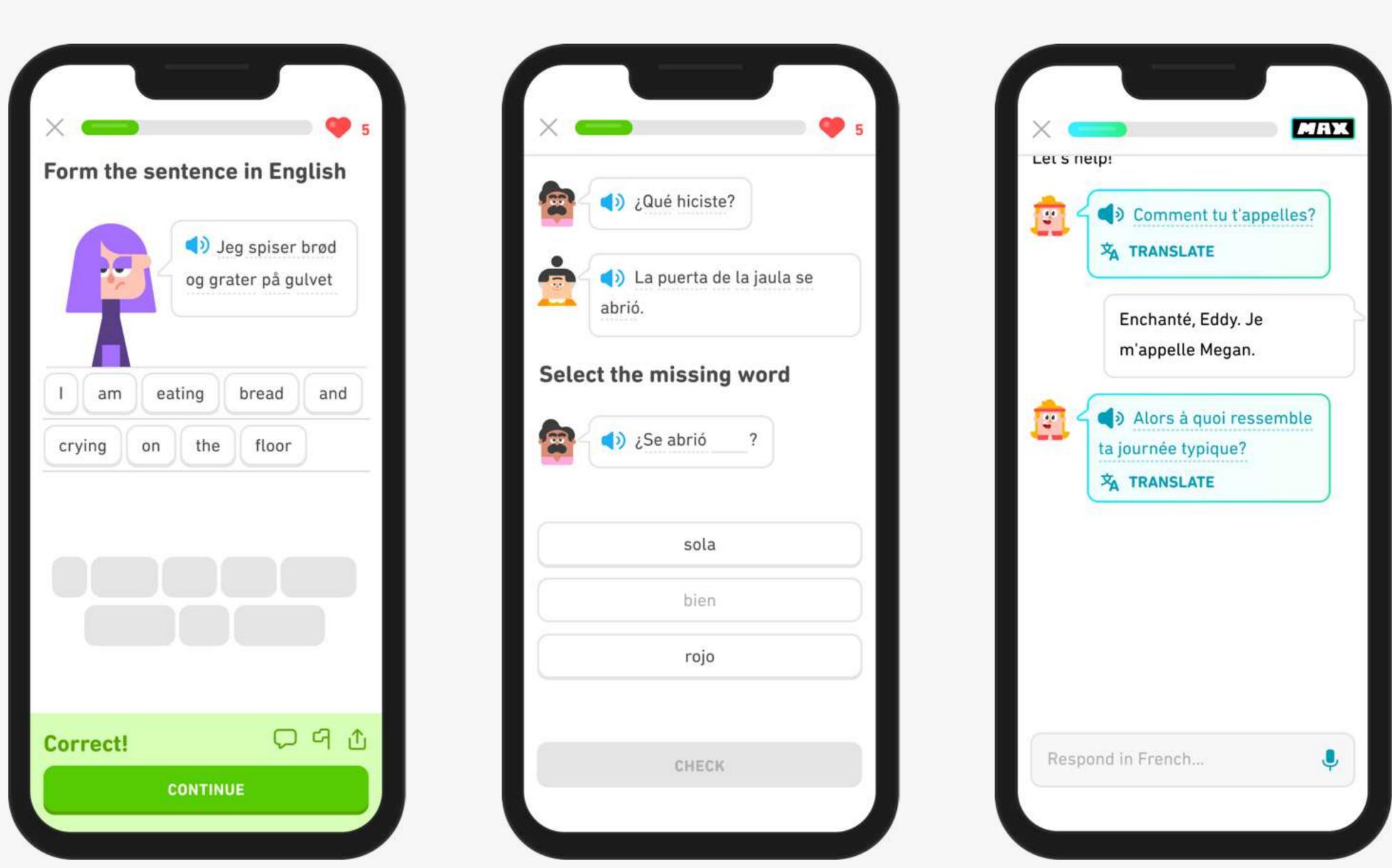












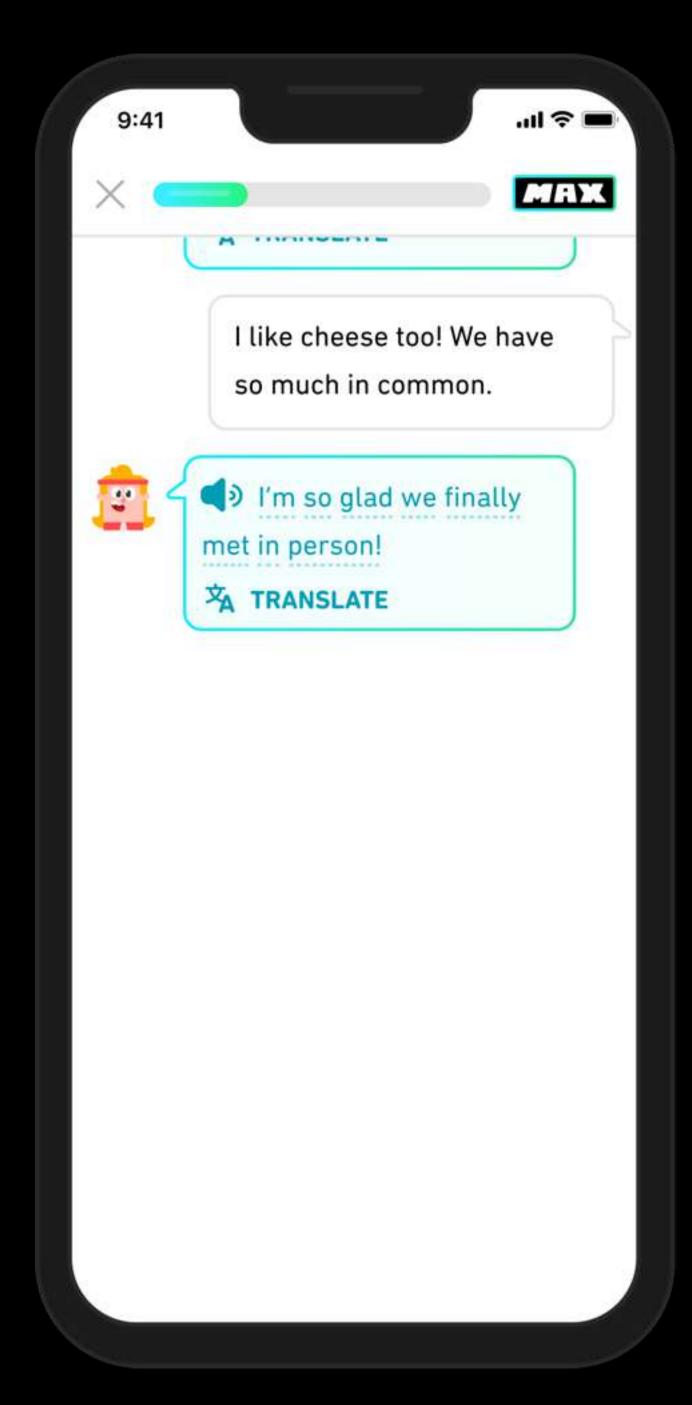


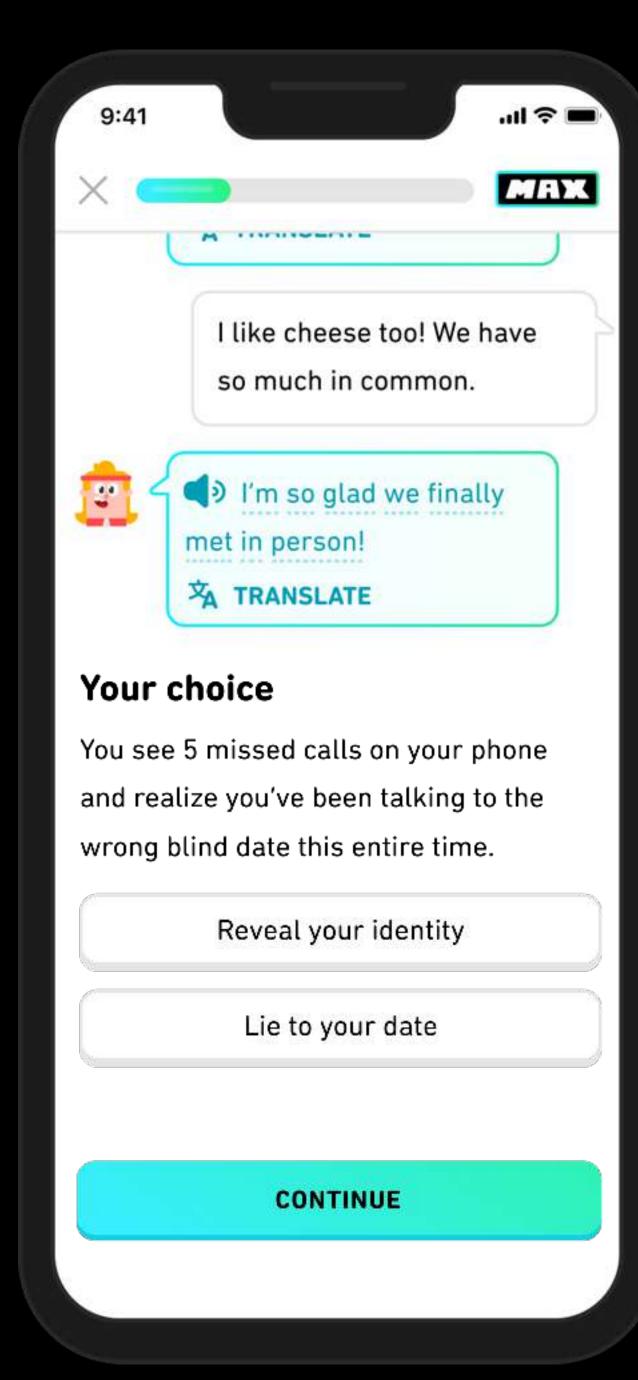
A rewarding conversation feels relatable, engaging, and just a little bit unpredictable.

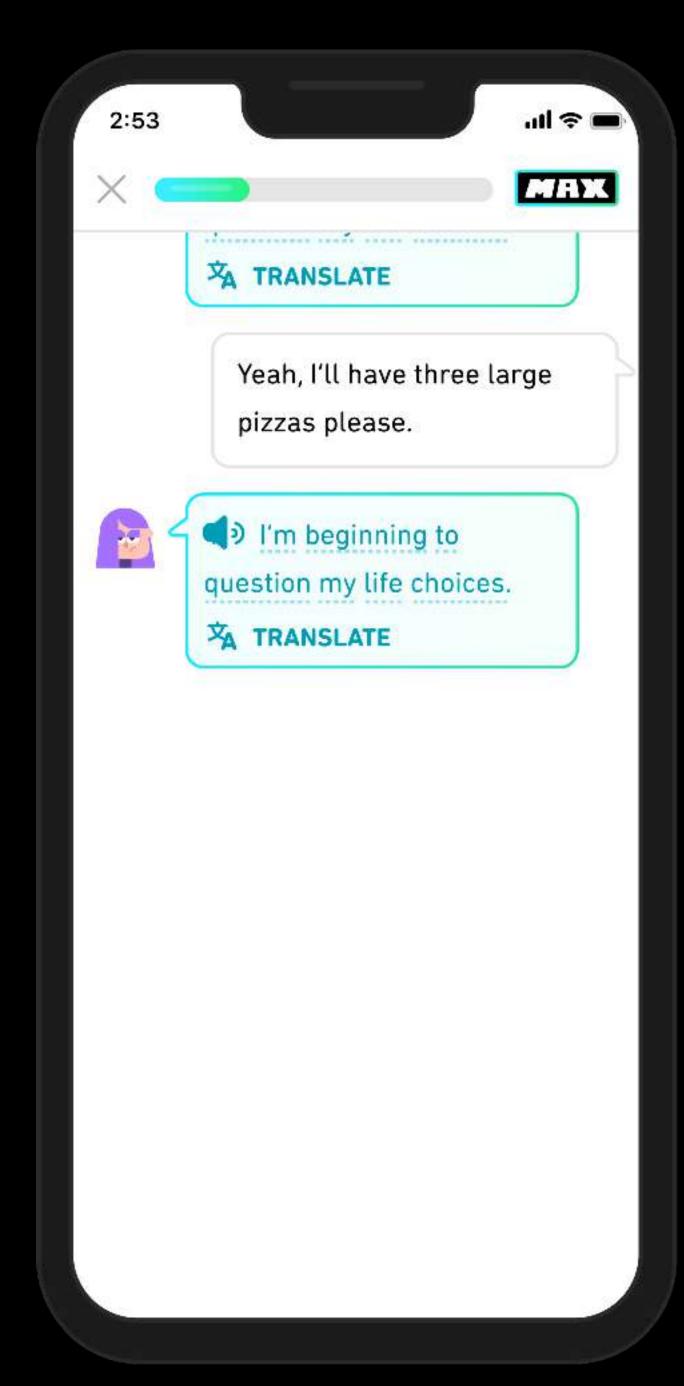


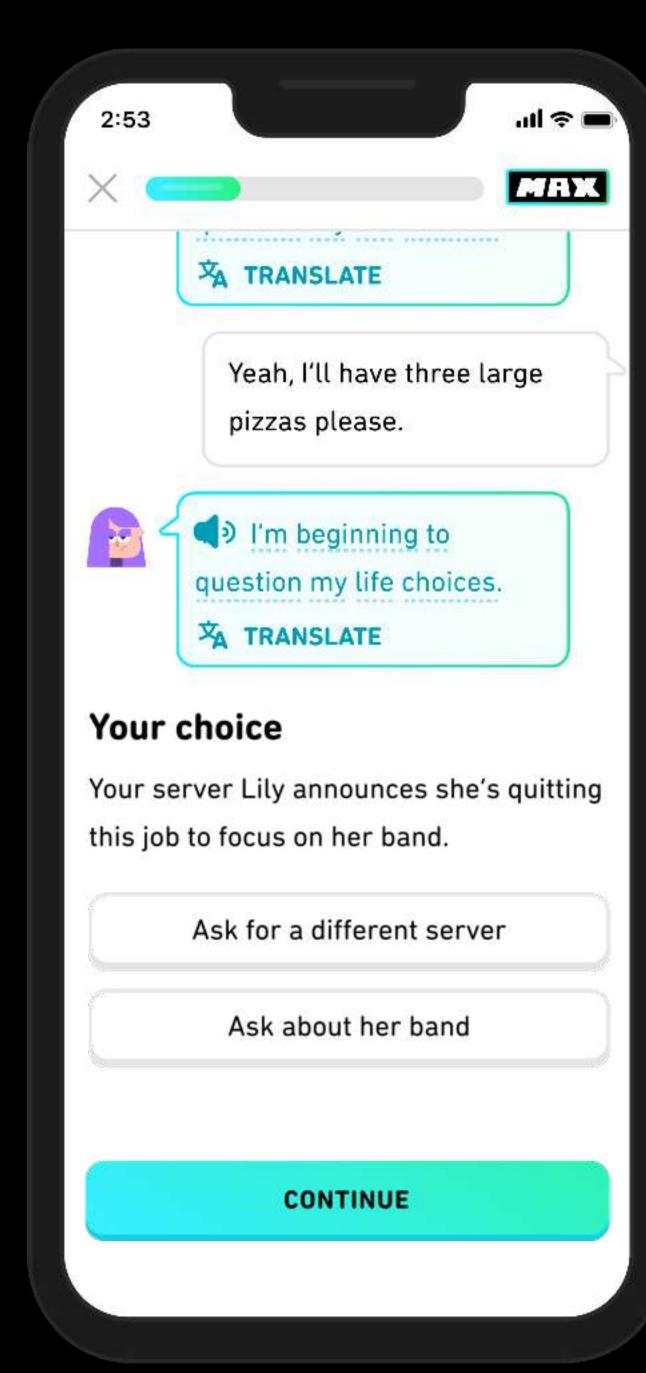






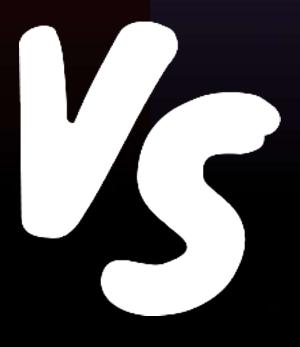




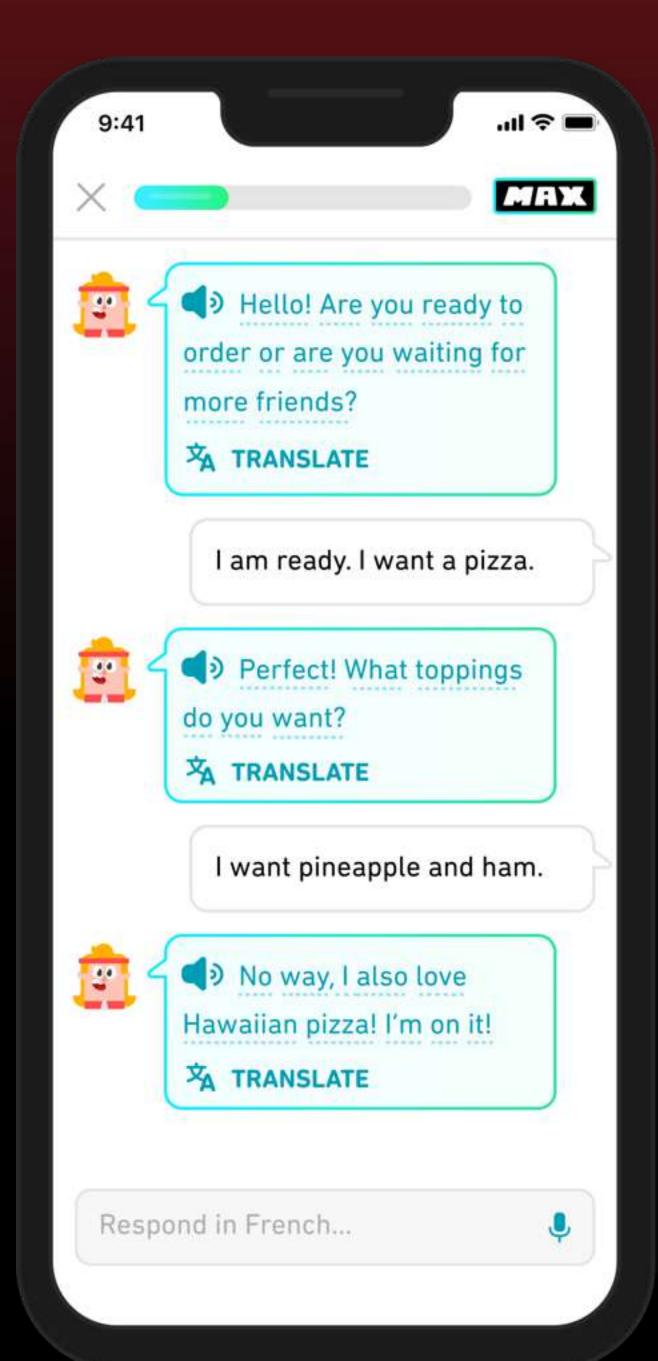


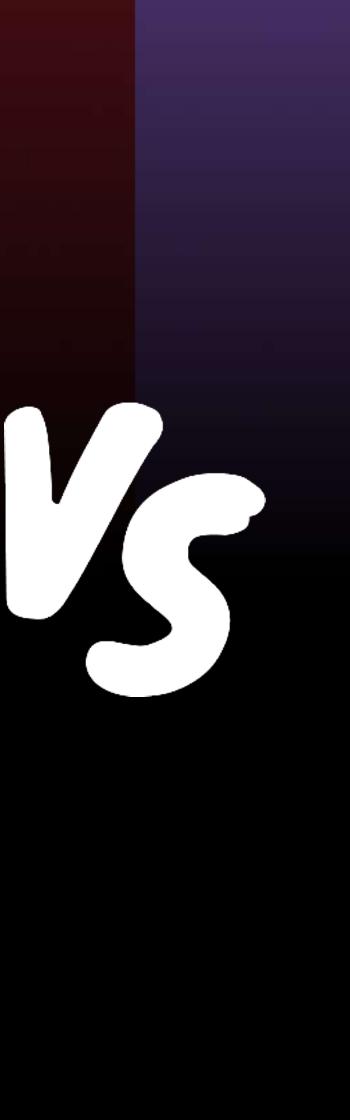


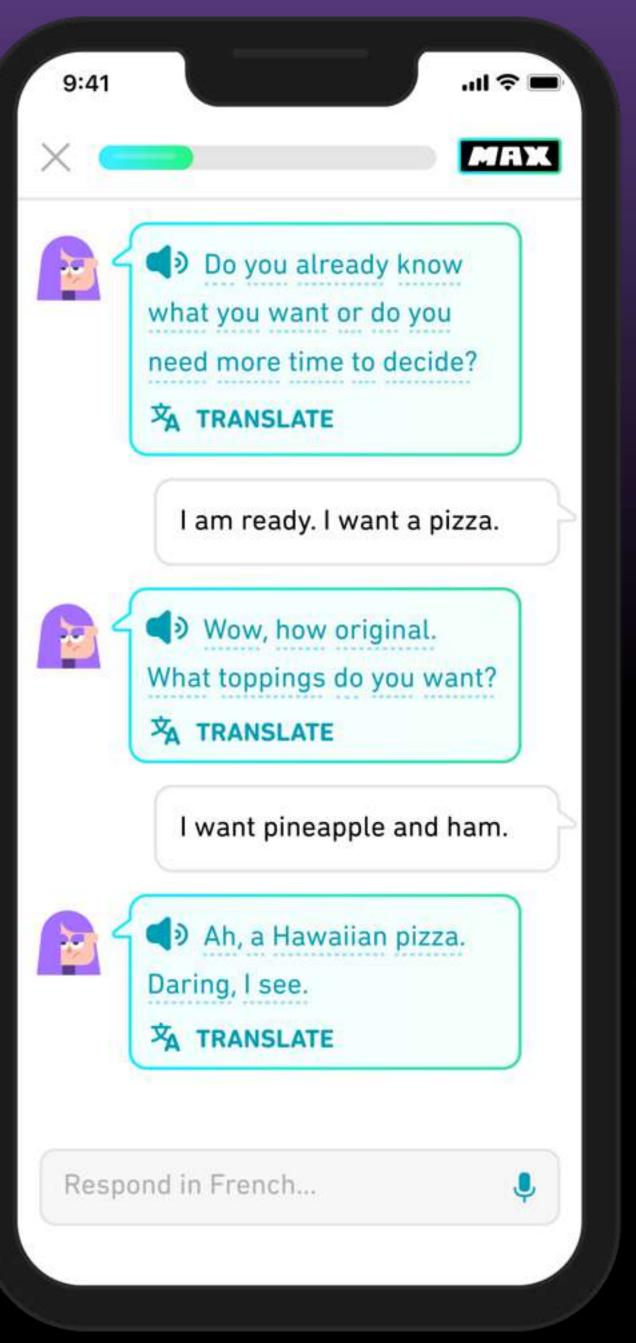












-hackathenprompt-a-thon

Learning Objective Scenario Setting + Context + Relationship Motivation

Roleplay

ij

Buy a concert ticket

Make a request

+

Buy a concert ticket

4

Box office at a concert venue

-

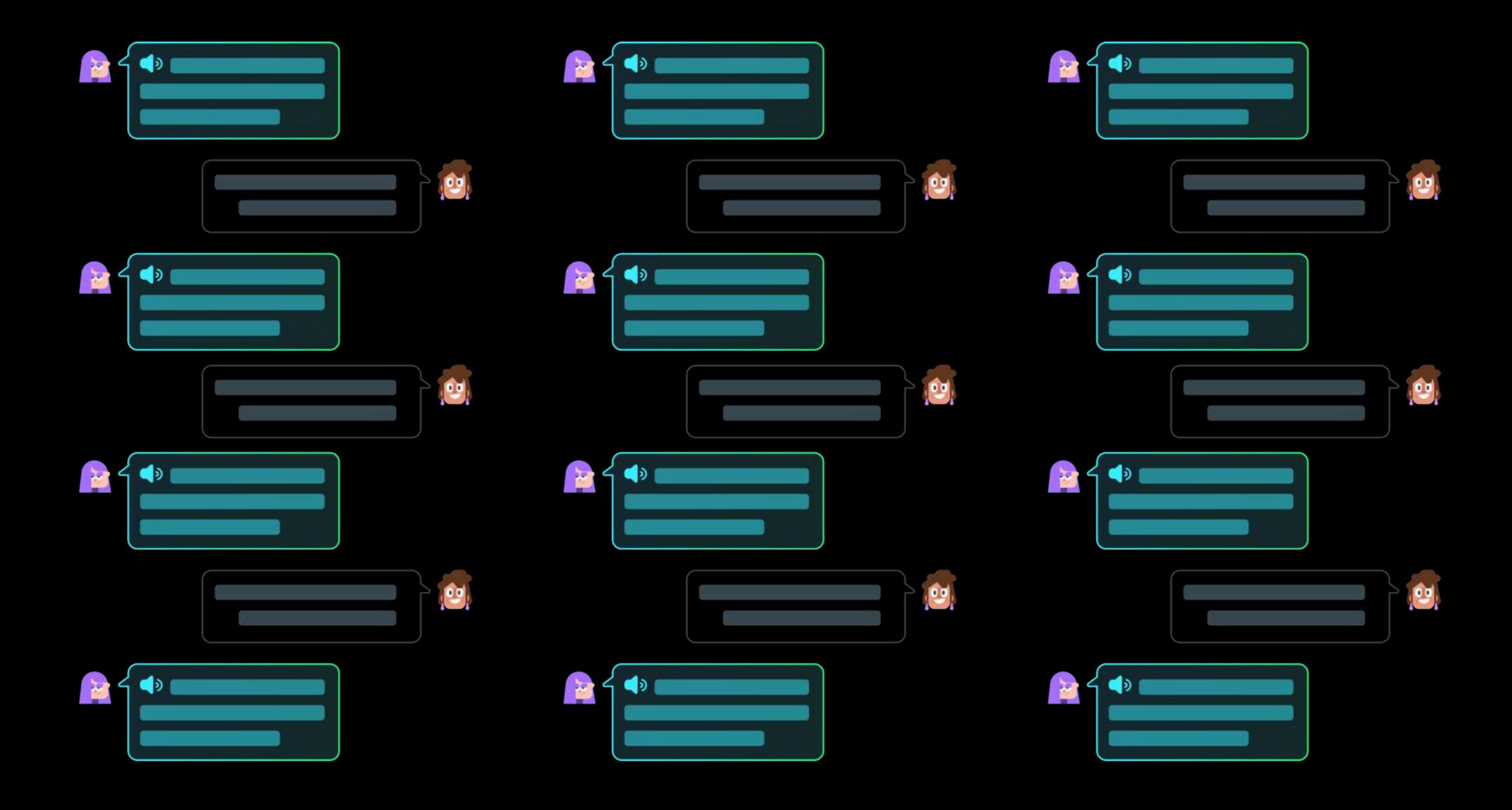
The user is at the box office to buy tickets

4

The character works at the box office

+

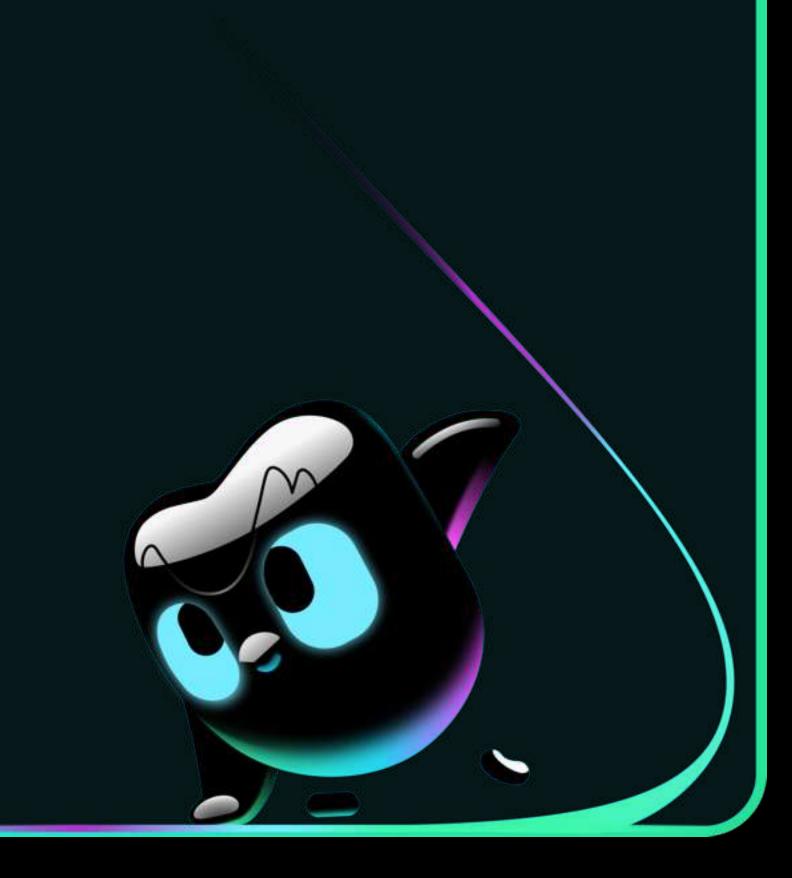
The character wants to sell the user a ticket







Gen-Al is a tool for subject matter experts, not a replacement





duolingo



1. You haven't won yet



- 1. You haven't won yet
- 2. Marry technical possibility with core user needs



- 1. You haven't won yet
- 2. Marry technical possibility with core user needs
- 3. Start with the prompt

PRODUCT LESSONS

- 1. You haven't won yet
- 2. Marry technical possibility with core user needs
- 3. Start with the prompt
- 4. Gen-Al is a tool for subject matter experts, not a replacement

thank you