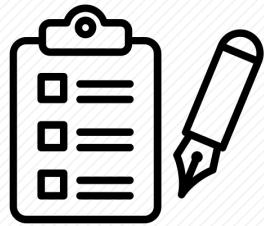
A wide-angle photograph of a tropical beach at sunset. In the foreground, there's a sandy beach with a few people walking along the water's edge. To the left, a wooden pier extends into the ocean, with several orange deck chairs and white umbrellas lined up along its edge. Behind the pier, there's a thatched-roof hut and some lush greenery. The middle ground is dominated by a dense forest of palm trees. The background shows a clear blue sky with a few wispy clouds, and the ocean waves are visible on the right side.

TRAVEL ENQUIRY BOT

John Allotey
1000ml

OUTLINE

- **Overview**
- **Methodology**
- **Demo**
- **Next Steps**
- **Challenges**

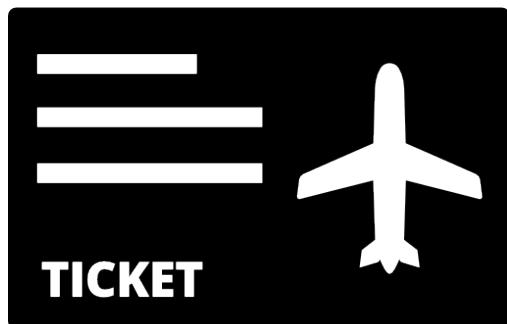


OVERVIEW

A wide-angle photograph of a tropical beach at sunset. The sky is a gradient from light blue to warm orange and pink near the horizon. In the foreground, a sandy beach meets the turquoise ocean with small waves. A wooden pier or boardwalk extends from the left side into the water. On the left, there's a cluster of beach umbrellas and chairs, some yellow and some white. Behind them, several tall palm trees stand against the sky. In the background, more palm trees line the shore, and a few small buildings are visible. The overall atmosphere is peaceful and vacation-like.

Overview

Snap Travel would like to build an enquiry bot to extract information on tickets, car rentals and hotel bookings



Why Propose An Enquiry Bot



Snap Travel needs a conversational travel bot to help reduce the load on customer representatives.



To support and scale business teams in their relations with customers.



Helps the business save by reducing labor costs

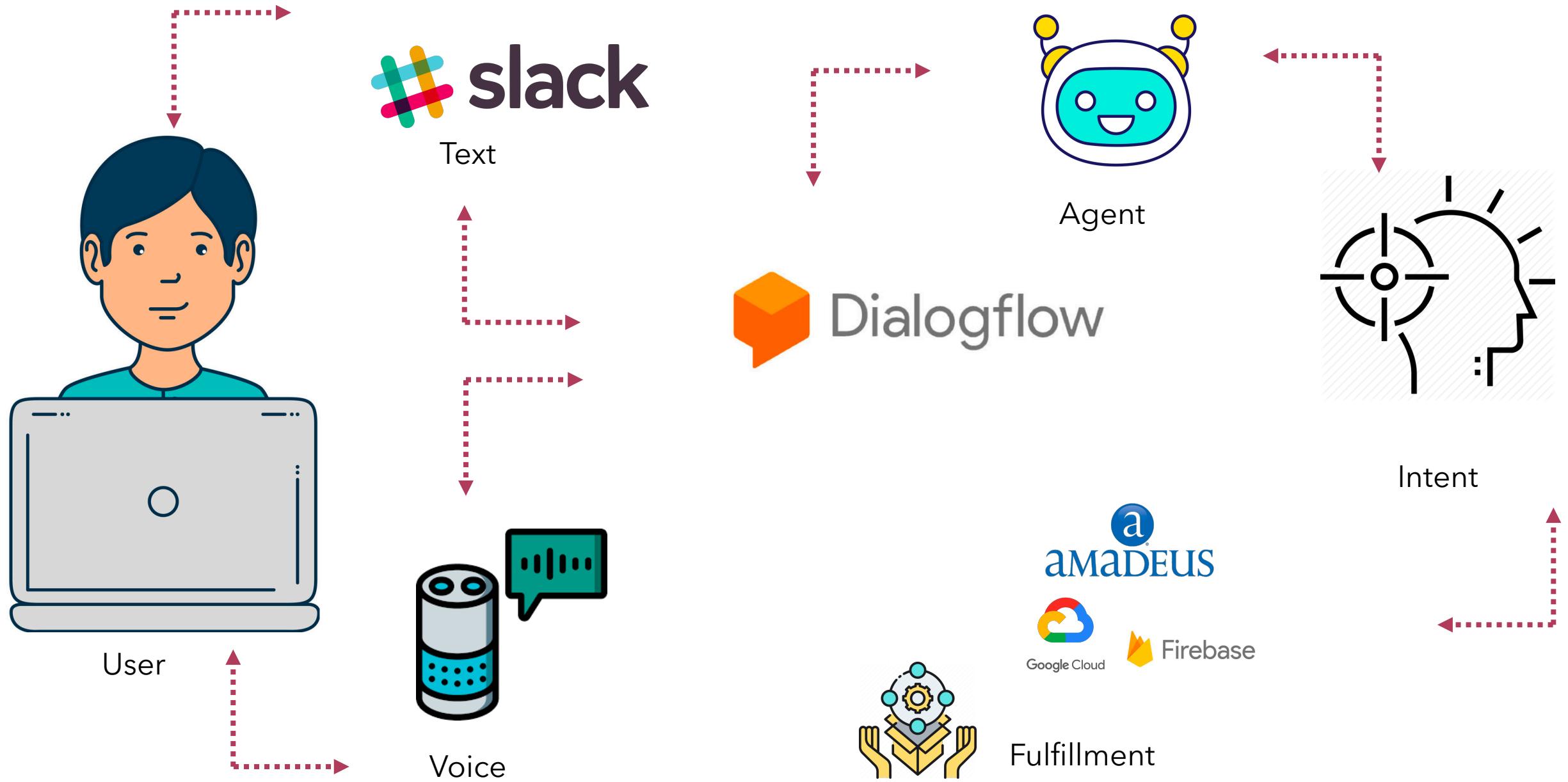


Helps the business reach a bigger audience as the bots can be deployed on platforms like Facebook Messenger, Slack and SMS

METHODOLOGY

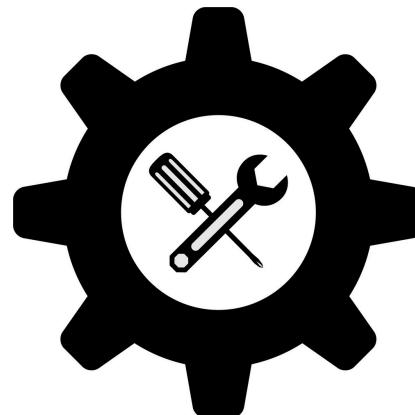


Architecture



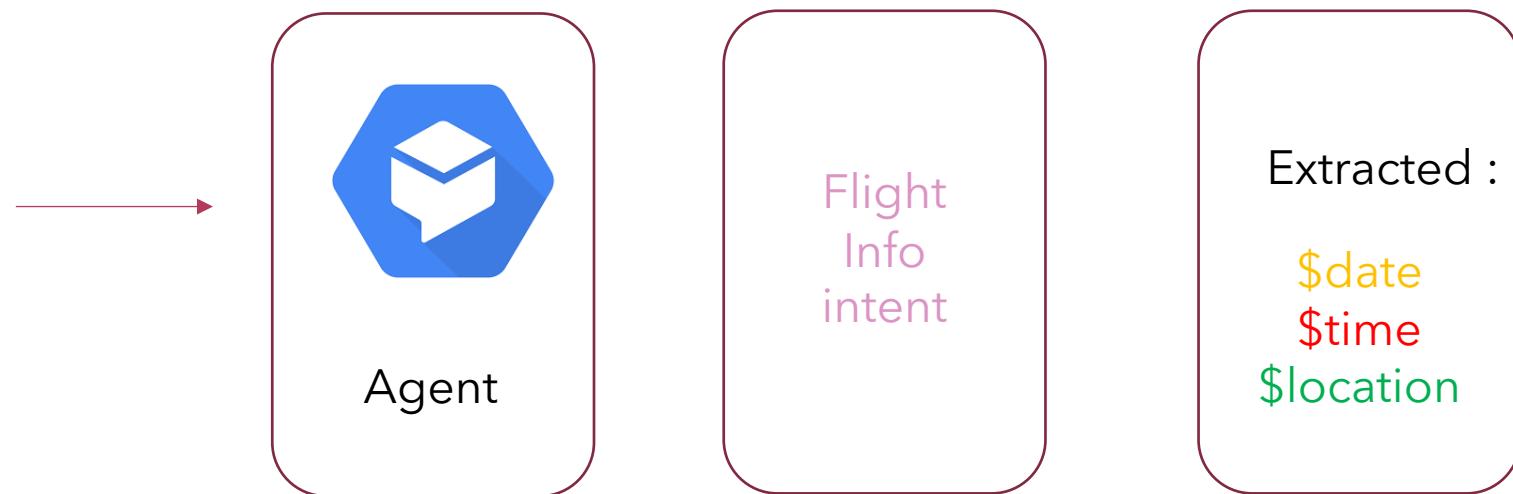
How It Works

- **Agent**
- **Intents**
- **Entities**
- **Training phrases**
- **Action**
- **Parameters**
- **Responses**



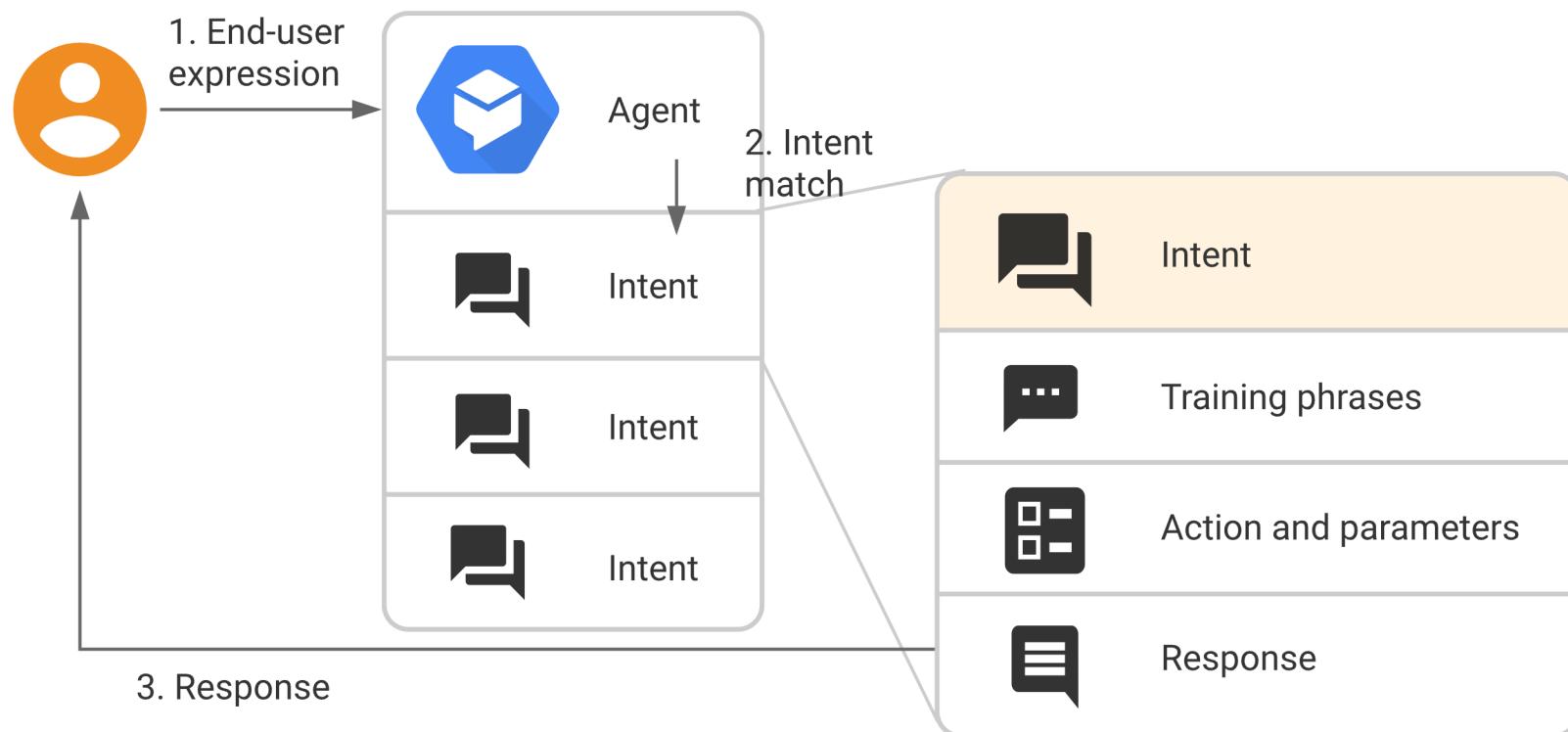
Agent : Intent

I would like to book a flight
tomorrow at 7pm to Banjul

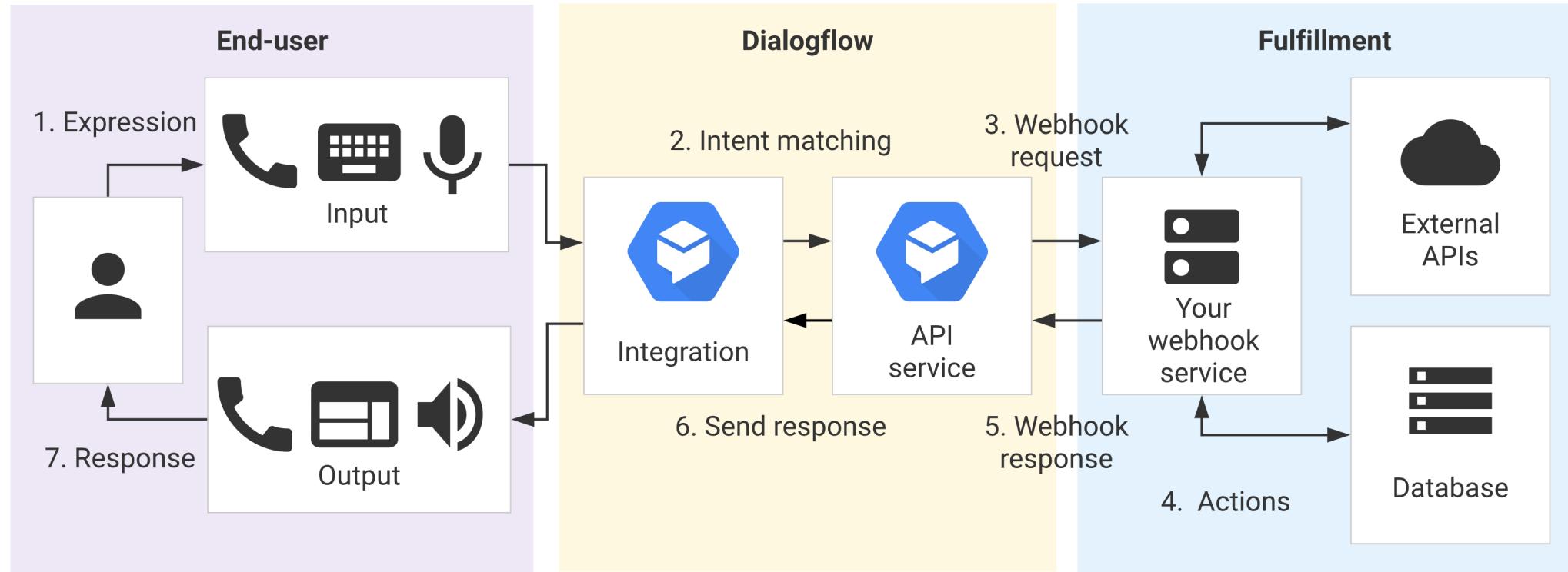


Intent Matching And End-User Response

- Training phrases
- Action
- Parameters
- Responses



Fulfillment For Integrations



A wide-angle photograph of a tropical beach at sunset. The sky is a gradient from light blue to warm orange and pink near the horizon. In the foreground, there's a sandy beach with several sets of beach chairs and umbrellas. A wooden pier or boardwalk extends from the left side into the water. Numerous palm trees of various heights are scattered across the landscape, some in the foreground and others lining the background. The ocean is visible on the right, with small waves breaking.

DEMO

Demo



John Allotey 5:44 PM

Hi



Dialogflow Bot APP 5:44 PM

Hello!

Message Dialogflow Bot



Aa

@

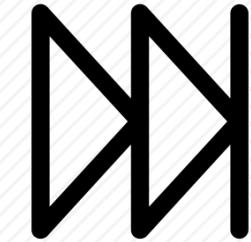


A wide-angle photograph of a tropical beach at sunset. The sky is a gradient from light blue to warm orange and pink near the horizon. Numerous palm trees of various heights are scattered across the scene. In the foreground, there's a sandy beach with several beach umbrellas and lounge chairs. Some buildings, possibly beach houses or bars, are visible along the water's edge. The ocean waves are calm, reflecting the colors of the sky.

NEXT STEPS

Next Steps

- Query precise and exact information for customers
- Make the bot conversational as compared to functional
- Additional intents and Entity use cases

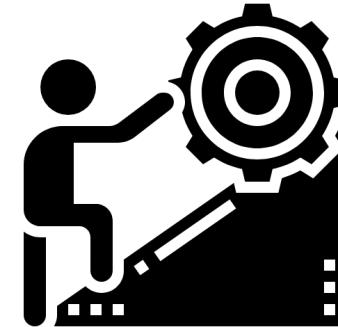


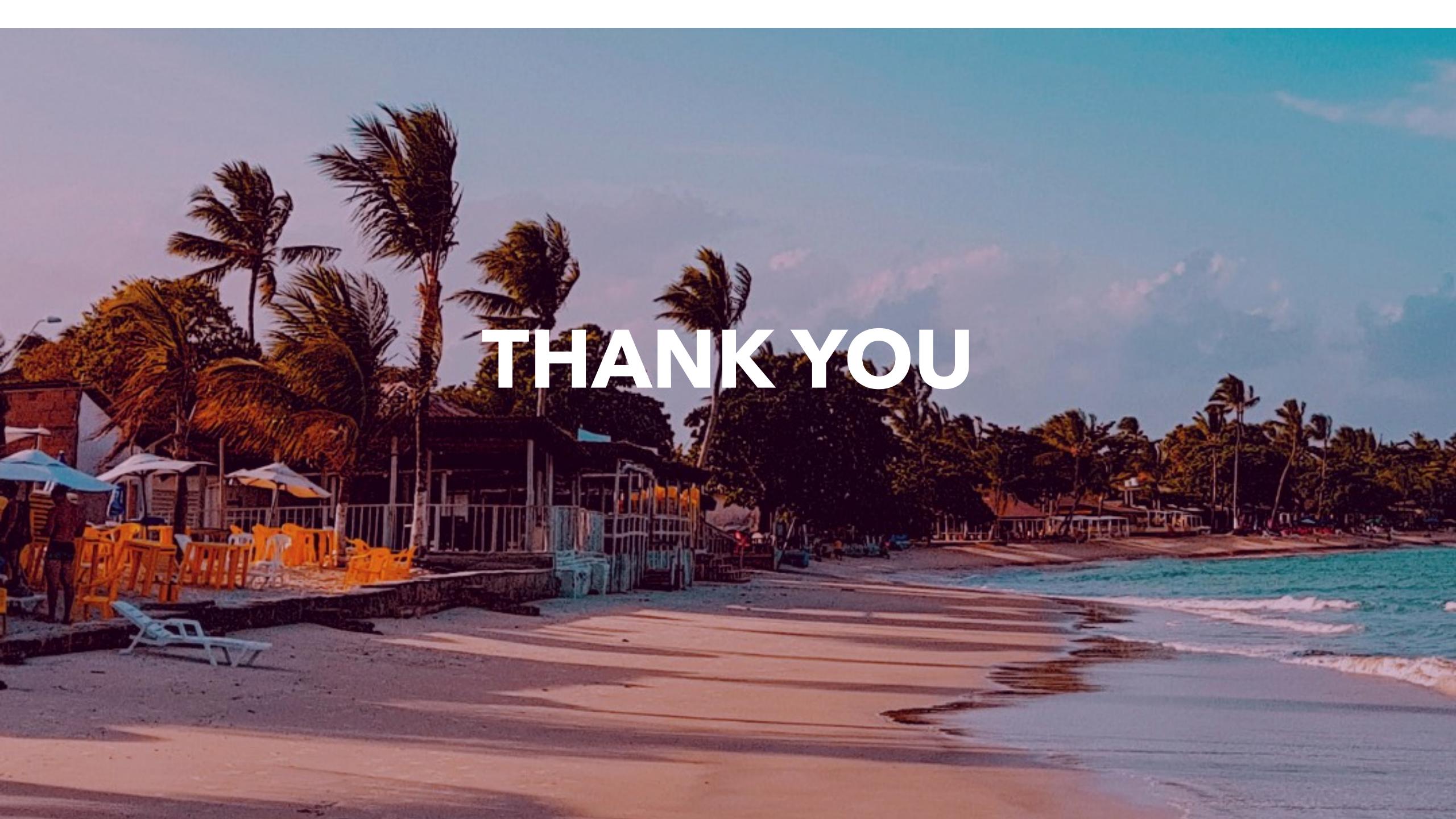
A wide-angle photograph of a tropical beach at sunset. The sky is a gradient from blue to orange and pink. In the foreground, there's a sandy beach with a few people walking along the water's edge. To the left, a wooden pier extends into the ocean, with several orange lounge chairs and white umbrellas set up under it. A dense line of palm trees stands behind the pier. In the background, more palm trees and some low buildings are visible across the water.

CHALLENGES

Challenges

- Unstable connection to API
- Limited knowledge on Spacy
- Bulky underground digging in the beginning
- Tried using other NER technologies like RASA and DeepePavLov



A wide-angle photograph of a tropical beach at sunset. The sky is a gradient from light blue to orange and pink near the horizon. Numerous palm trees stand along the shoreline. In the foreground, there's a wooden deck area with several beach umbrellas (white, yellow, and blue) and matching chairs. The sandy beach curves along the bottom right, meeting the turquoise ocean waves.

THANK YOU