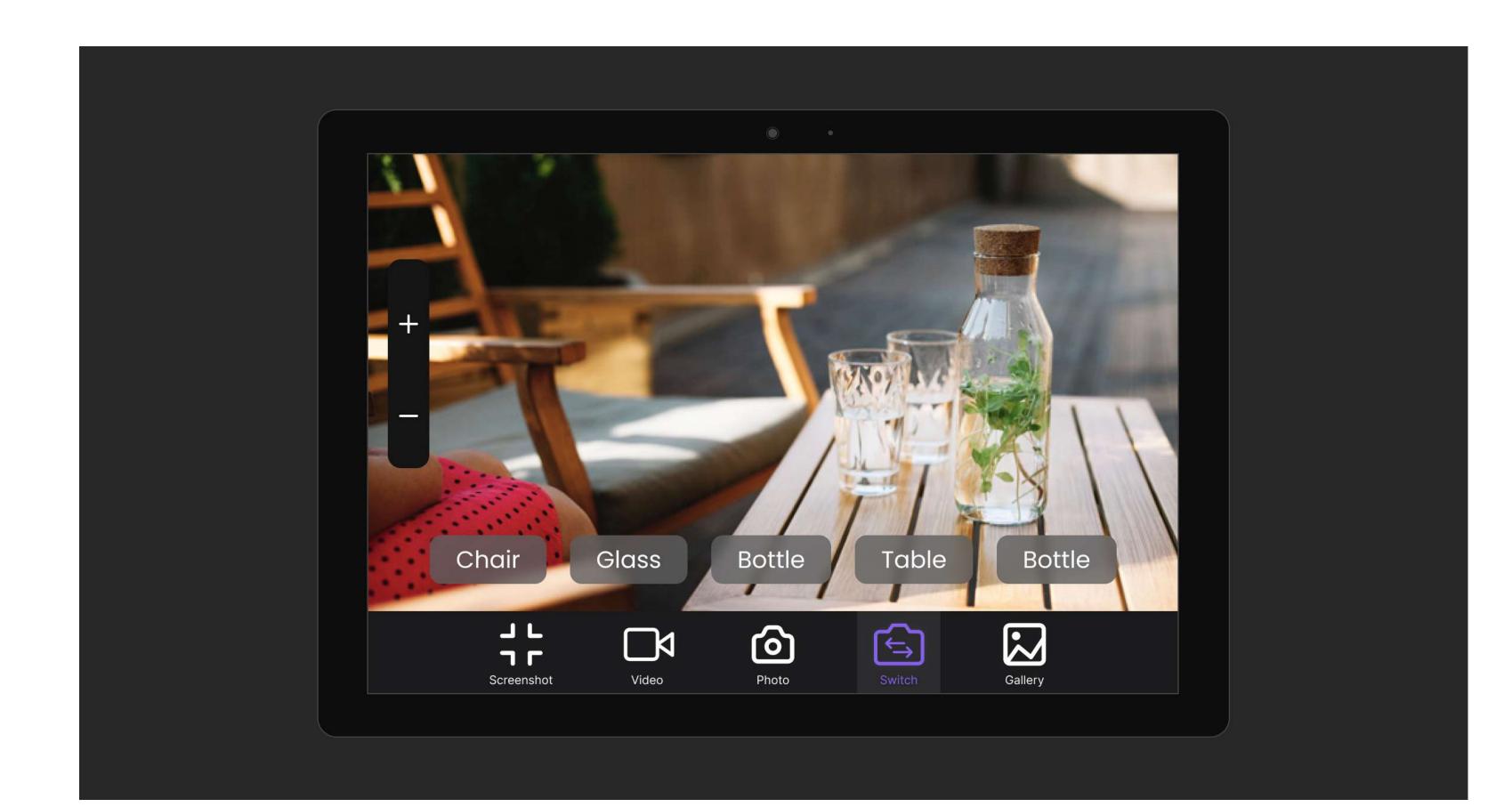
# An Easy Way to Communicate for Disabled People

Lulu, United States 📁



## About the client Lulu is a gathering of forward-minded specialists based in the

**Electron Native App** 

hardships of communication among disabled people. The team at Zade was undoubtedly pleased to be chosen as a technological partner for this one.

Services

Team

Industry

2 developers

2 UI/UX designers

USA that has found themselves troubled with the way people

with disabilities have to cope with living in modern realities.

The resulting Lulu project is an ambitious smart digital

communication technology aimed at facilitating all the

Speech to text
Object Recognition
Text to Speech
Emergency Calls
Library
Settings

Healthcare

#### In terms of all the technical work, Lulu is a complex digital communication system based on a progressive API that allows us to seamlessly integrate

Delivered solution

with Al services and achieve the overall optimized, secure backend architecture. We have created a design that is not only consistent, convenient, eye-pleasing, and stylish - it translates brand attributes. It engages users to explore the possibilities via a range of features and customizable tools.

Ultimately, Lulu is a multipurpose tool that enables many conversation

formats and styles and allows to collect and categorize preferred inputs and outputs. A specially trained Al network can recognize and scan up to 5-6 objects in front of the camera. Text inputs can be voiced by the system and vice versa - the input voice can be converted into text. For the quickest answers to various questions, the system recognizes an extensive database of key phrases and words.

On top of all that, the advanced digital communication system also offers

intuitive and customizable means of navigation (a specialized keyboard that can be manipulated either directly or via voice or visual commands, gestures), quick access panel, and an emergency button for unpredictable situations.

Technologies

Databases

a library of frequently used words and phrases for instant access,

#### Cloud technologies Google Cloud

Platform

Principles
Project Management
Tech Stack

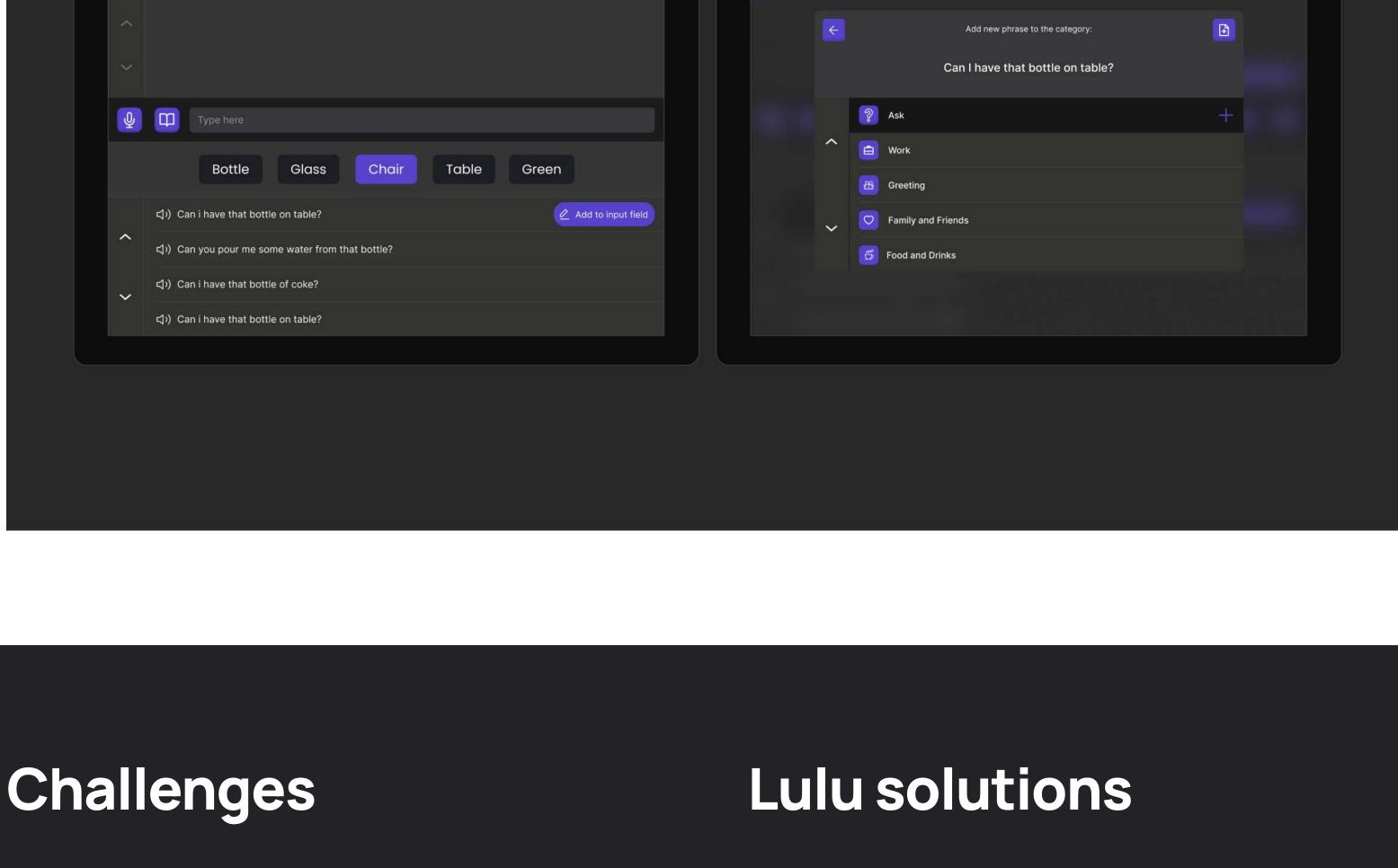
OOP and Solid
Agile/Scrum
Node.js, Electron.js,
React.js, TypeScript

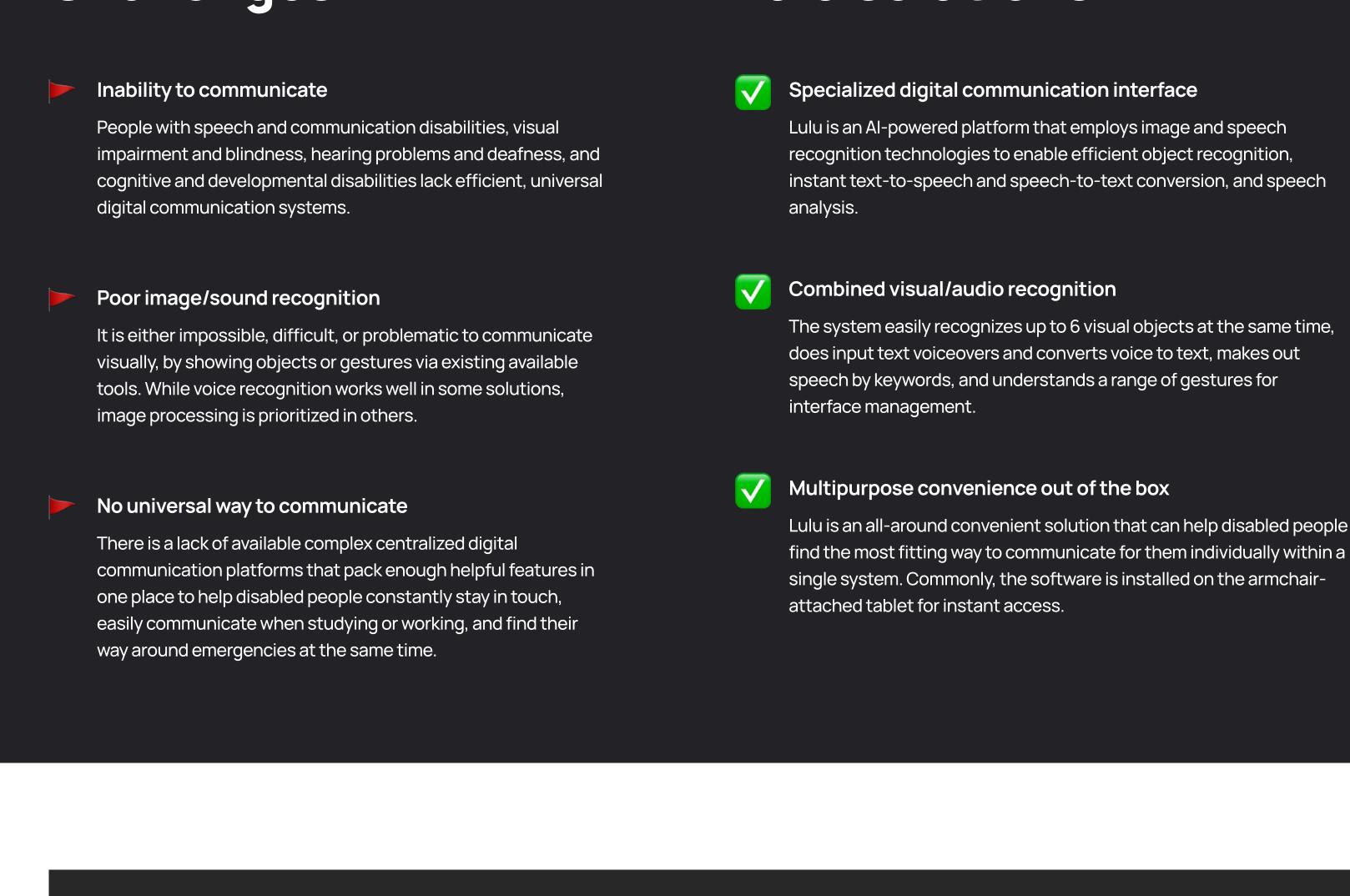
Redis, PostgreSQL

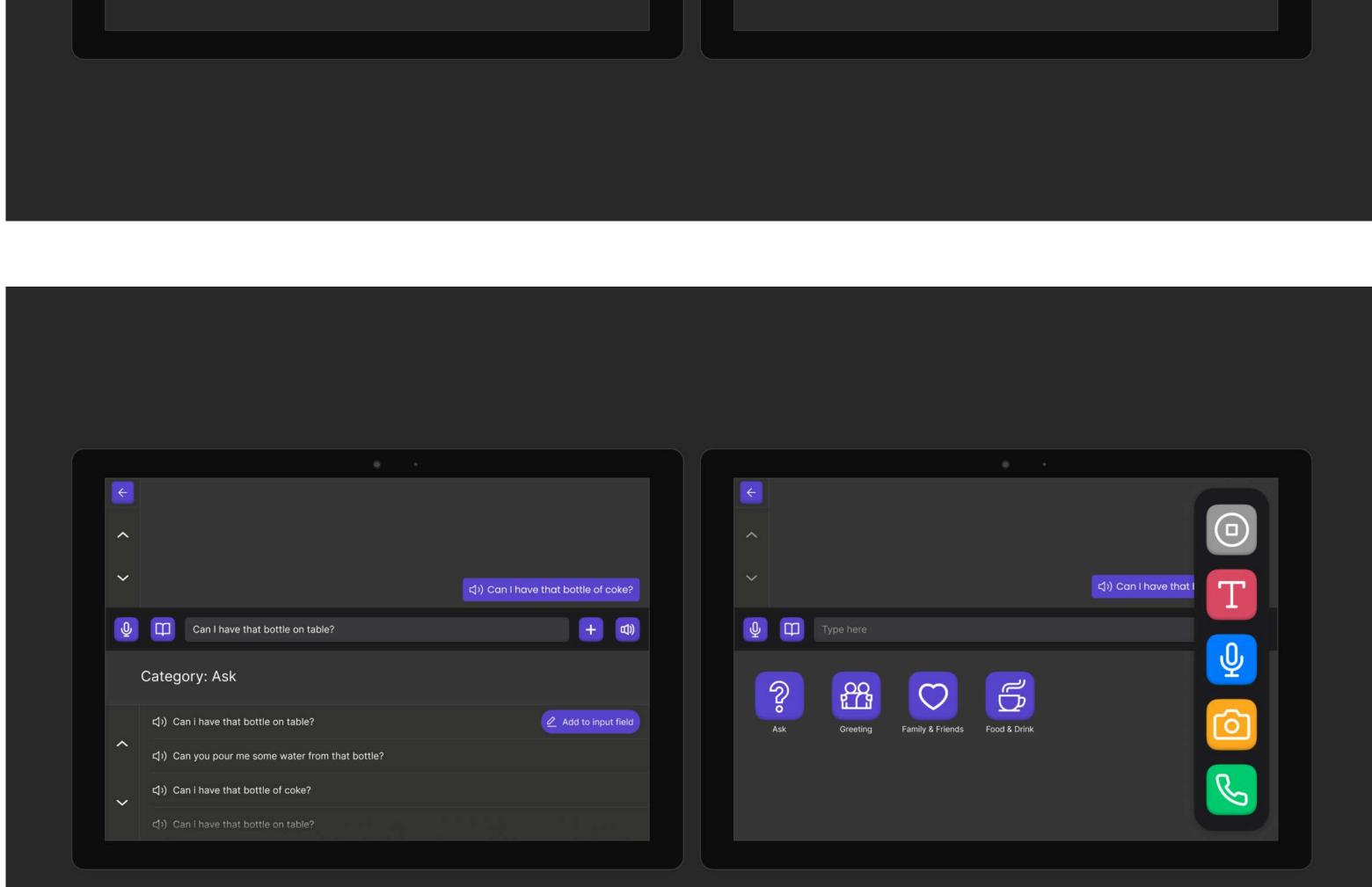
**APIs** 

DialogFlow NLP,

Tensorflow







Hello, my name is Mike!
Would you like that bottle of water on the table?

X

Zade were perfect to collaborate with. Dedicated specialists quickly got the drift of our design ideas and implemented them with gloss. We are grateful for all the work done and are eager to promote Lulu among real users now."

Read more on **Clutch** 

"Lulu is a passion-driven project that we could only entrust to

an all-around reliable tech partner and, thankfully, the guys at

Press record to start voice recognition.

X

Johae Song, Co-founder & CEO, Lulu

Client about us

### Contact Zade

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