

CASE STUDY



OVERVIEW

Highway61 is an online chat community for seniors.

The platform is mainly built for people over 50, to give them the possibility to connect to others, to learn new things, and to remain socially engaged.

There are weekly events and chat rooms on different topics that users can join.

CHALLENGE

- **build** a platform from scratch with the possibility to **scale** the platform when it grows.
- the main purpose of the platform is to be **used** by users above 50 years old
- a **minimalist** interface, fast to understand how it works, easy to use
- a new feature that will **allow** users to **join** using only a mobile phone.

SOLUTION

- we have provided **solutions** for the architecture/scalability when the platform has started to grow.
- everything had to be **minimalist** and easy to use, even for people without technical knowledge
- we also have **built** a **dial-in functionality** for the people who can not join from a browser.
- people can **join** using **only** a mobile phone.
- we **helped** to **implement** a gRPC architecture based on microservices

TECH STACK

The tech stack used was Express NodeJs on the backend and ReactJS for the web app.

For the audio streaming, we used Agora SDK along with Turbobridge for the dial-in functionality

TESTIMONIAL

"They are always available to help, incredibly **proficient**, hit deadlines without fail, hard working and **trustworthy**. My experience with Duty Ventures has been smooth, easy to work. I can **recommend** their services without hesitation."

