

Senstone Wearable

— Note-taking that will make you better.
Period.

Book a Consultation

SERVICES

IoT, Wearable, Kickstarter, iOS, Android, Speech-to-Text, AI, SDK, mobile app development, BLE.

CLIENT

Senstone Wearable

CASE STUDY CATEGORIES

[AI](#), [IoT](#), [Mobile App](#)

Your Thoughts. Capture Every Idea Instantly. Wear Your Thoughts. Capture Every Idea Instantly. Wear Your Thoughts. Capture Every Idea Instantly.

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01. Challenge

Create First On The Market Jewelry Accessory That Will Always Be With You, On Any Occasion.

Teamvoy was fully responsible for Mobile Applications both Android and iOS, Development of the Speech to Text Engine. Senstone has a great idea and a team that created the device and firmware, we have taken ownership of the software part from the first idea to delivery, and a super successful Kickstarter campaign.

One more problem is a small device form factor and limited computational power.

Notes: Software platform creates neatly organized notes by speech processing	Cloud: A recording stored on your phone is backed up with your Cloud account.	Audio and Text: Store your notes with original audio files – everything in the app.
Share: Edit and share your notes with others.	Subscription: With Accurate we guarantee you are getting the highest quality transcription.	Todos and Reminders: Create lists and reminders with the keywords and hashtags. Search them by content and tags.

02. Solution

- > We have analyzed initial requirements and Sensote needs, based on technical restrictions and have built the initial architecture;
- > Selected technologies stack;
- > Implemented module-based architecture for mobile apps to support user-testing needs and the ability to roll out new features in a short period of time;
- > Build efficient communication between the whole team;
- > Took a part in firmware architecture;
- > Created infrastructure for effective debugging;
- > Build an AI engine and tested its accuracy;

- > For accuracy testing also used third-party libraries for speech recognition and compared them with our solution;
- > BLE was a challenge, so we had to create a custom protocol for decoding/encoding data from the BLE device;
- > Create mobile SDK (iOS, Android) to support BLE device;
- > Build mobile apps (iOS and Android).

Manage consent



03. Impact

Our Work Contributed To The Successful Launch Of Senstone On Kickstarter, Exceeding The Original Target By 604%.

Project has received around 3000 backers and pledged \$300,000 to help bring this project to life on Kickstarter, It was a successful launch of the whole product.

We have created a solution for different lifestyles (journalists, doctors, singers, and songwriters). We have covered cases that Siri and Google Assistant do not handle. The Software design and Architecture we have created lay down a foundation for future product customizations.

Customer Review

We Work With Them For Over 2 Years, And They Have Been Very Reliable And Timely In Providing Us Quality Development Services. Their Creative Input And Talented Team Helped Us Build A Better Product!



Nazar Fedorchuk, CEO & Founder, Senstone

Let's Talk!

Use the power of robust technologies to drive better business results, with our high-quality team

[Talk to An Expert](#)