



CASE STUDY

ABOUT THE CLIENT

iViche is an online platform for public voting and social viewpoint research. It works as a web-version and cross-platform apps for iOS and Android, promoting democracy and gathering public opinion.



 Ukrainian voting platform.



WEB

 iche



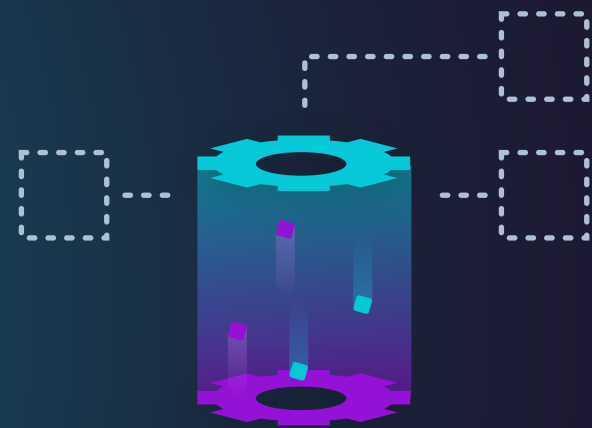
MOBILE

iViche mobile



PROJECT RESUME

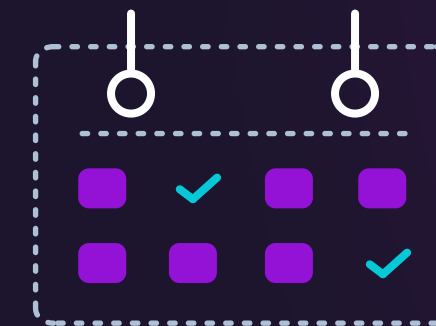
IN COOPERATION WITH IVICHE



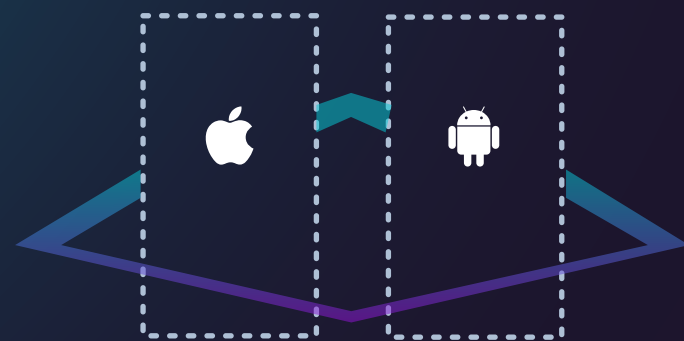
Project Based
COOPERATION MODEL



10 members
TEAM



27 months, ongoing
DURATION



iOS, Android
CROSS-PLATFORM APPS



Voting Software
INDUSTRY



Web
PLATFORM

TECHNOLOGIES USED

FULL STACK DEVELOPMENT



NODE



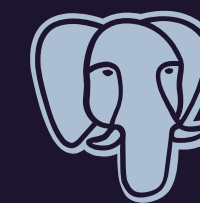
TYPESCRIPT



SWAGGER



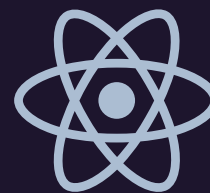
DOCKER



POSTGRESS



ELASTICSEARCH



REACT (WITH HOOKS)



REDUX



REDUX-SAGA



NEXT.JS



CHARTJS

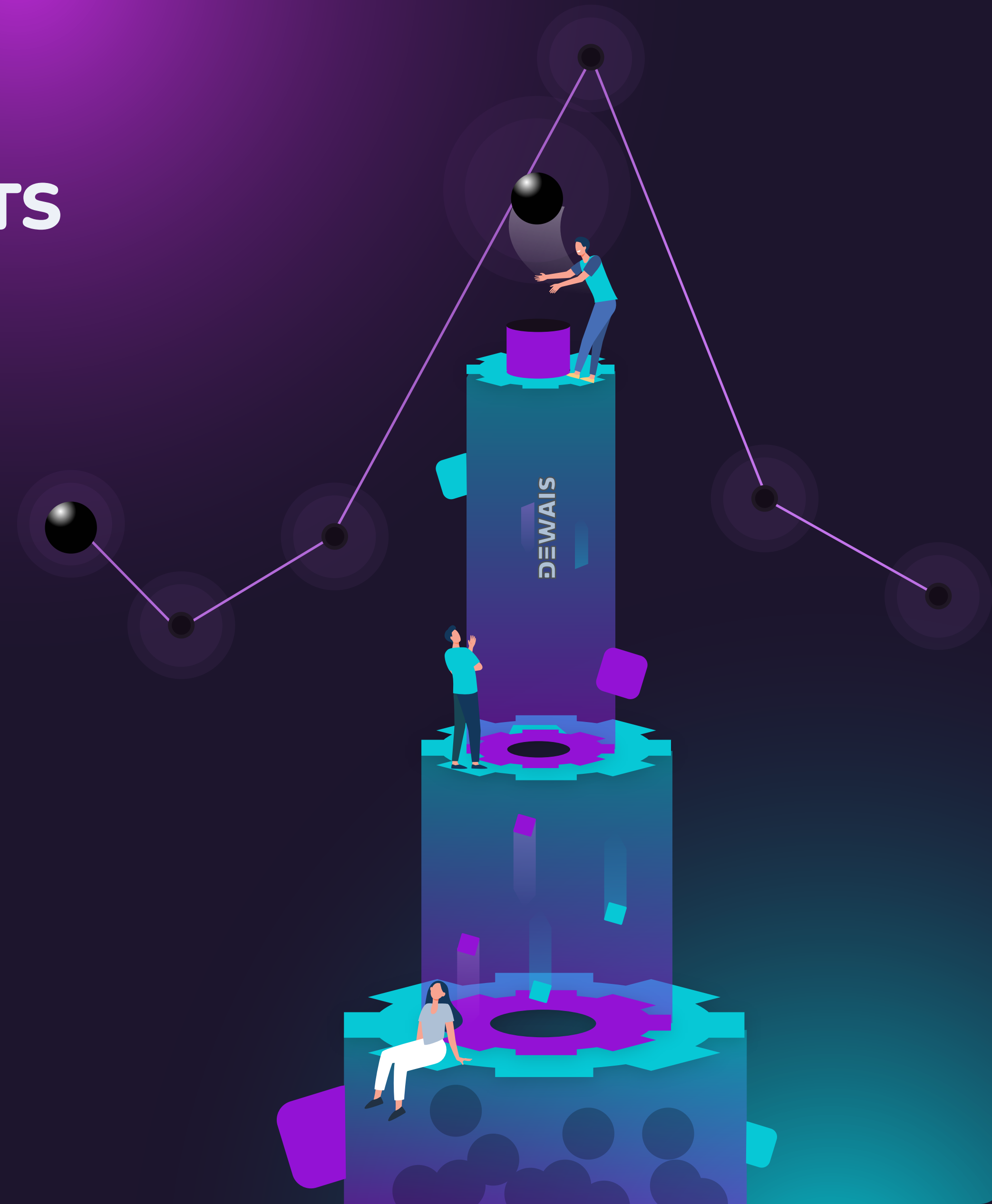


CHALLENGE

DELIVER SEVERAL PRODUCTS IN SHORT TERMS

The client needed to develop a highly secure and scalable poll platform for the web, iOS, and Android from scratch. Moreover, it had to endure high traffic from all over the country. It was crucial to bring the results from various platforms into a single polling outcome.

Time limits were tight – seven months to deliver an alpha for web, not to mention the client's desire to get detailed statistics of the voting results.



SOLUTION **DELIVERED**



A team of ten to deliver the best result – a Project Manager, a QA, a Designer, Developers.



Design and implementation of the microservices-based system core.



Implementation of hybrid SPA + SSR application (public pages - SSR, secured pages - SPA).



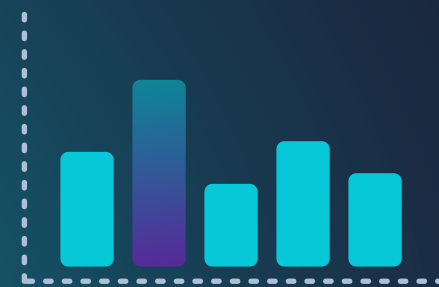
Design and implementation of big data processing system to calculate various voting statistics.



Design of a distributed blockchain-based storage of anonymous votes.

RESULTS

A PUBLIC OPINION PLATFORM BUILT FROM SCRATCH.



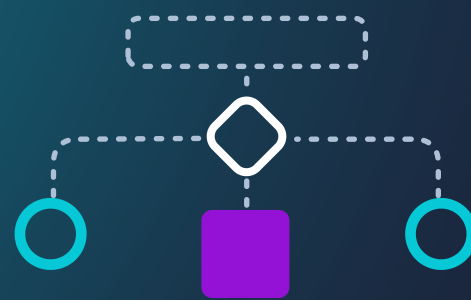
React-based application well indexed by Google.



Voting results secured from internal and external influences.



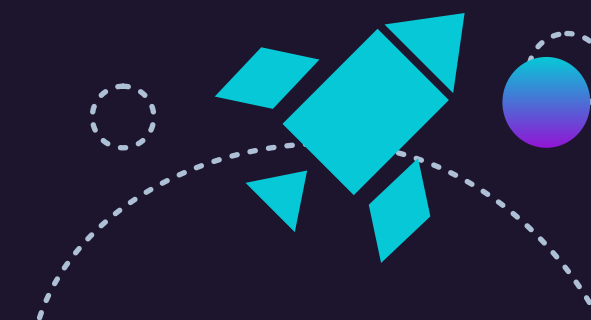
Product maintenance is still on us.



Big data array for time-geography-demographics-based statistics.



A deadline-respecting delivery of a web version in seven months. iOS and Android apps were delivered in five months.



System core with proven support of up to 10 000 simultaneously active users (support of up to 10 000 000 users).



OUR CONTACTS

FEEL FREE TO CONNECT



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