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.
IN COOPERATION WITH IVICHE

Project Based
COOPERATION MODEL

iOS, Android
CROSS-PLATFORM APPS

10 members
TEAM

Voting Software
INDUSTRY

27 months, ongoing
DURATION

Web
PLATFORM
TECHNOLOGIES USED
FULL STACK DEVELOPMENT

- NODE
- TYPESCRIPT
- SWAGGER
- DOCKER
- POSTGRESQL
- ELASTICSEARCH
- REACT (WITH HOOKS)
- REDUX
- REDUX-SAGA
- NEXT.JS
- CHARTJS
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

<table>
<thead>
<tr>
<th>Task</th>
<th>Completion Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implementation of hybrid SPA + SSR application (public pages - SSR, secured pages - SPA).</td>
<td>✔</td>
</tr>
<tr>
<td>Design and implementation of the microservices-based system core.</td>
<td>✔</td>
</tr>
<tr>
<td>A team of ten to deliver the best result – a Project Manager, a QA, a Designer, Developers.</td>
<td>✔</td>
</tr>
<tr>
<td>Design and implementation of big data processing system to calculate various voting statistics.</td>
<td>✔</td>
</tr>
<tr>
<td>Design of a distributed blockchain-based storage of anonymous votes.</td>
<td>✔</td>
</tr>
</tbody>
</table>
RESULTS

A PUBLIC OPINION PLATFORM BUILT FROM SCRATCH.

React-based application well indexed by Google.

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

Voting results secured from internal and external influences.

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

Product maintenance is still on us.

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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