



SFTWR
AGENCY

Blockchain

HSP token Wallet

Blockchain, mobile app

Hackspace application is a cryptocurrency wallet in Ethereum blockchain for managing HAC token. This is the most conducive way to be a part of HAC Token Sale Sessions and to manage HAC tokens in the safe and secure manner.

Challenge

To attract new customers, keep existing ones and make communication between HAC members and its platform more convenient and safe, our client decided to create the Hackspace Capital Mobile Application.

Process

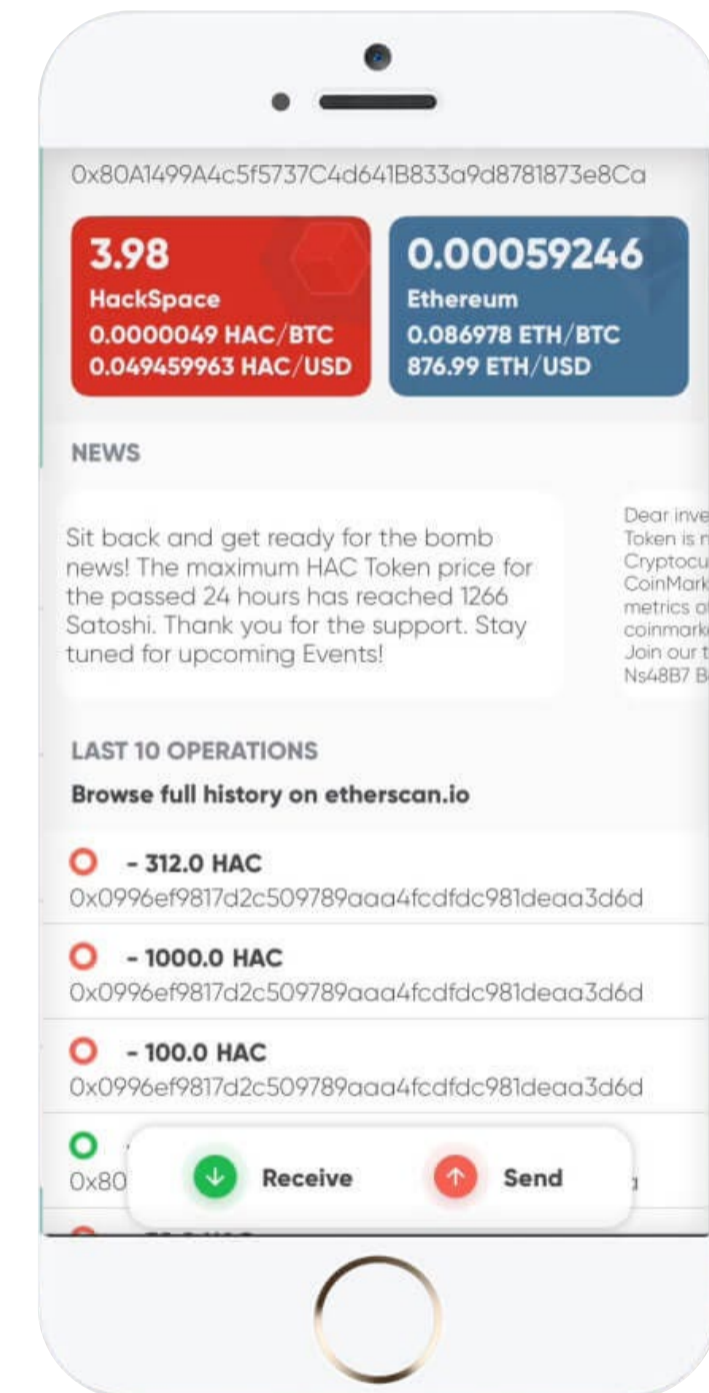
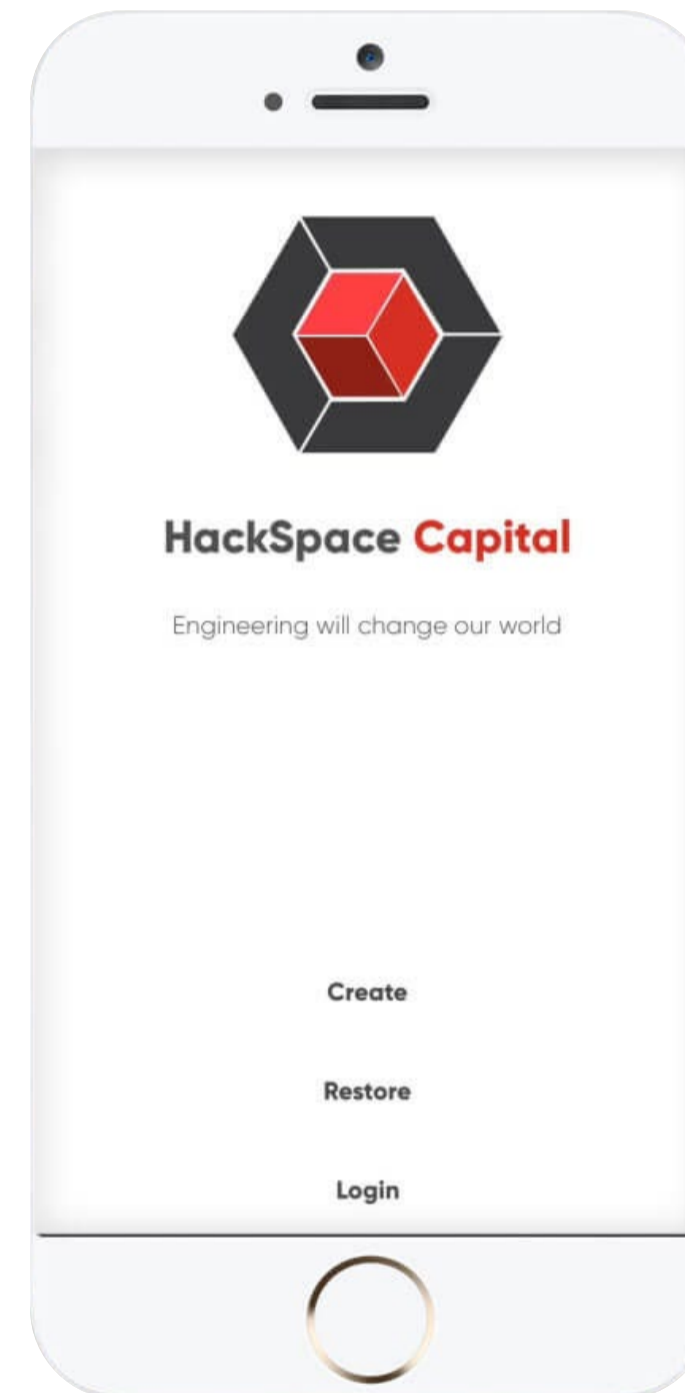
The project has been started with a two-week Discovery phase. During this time, the business analyst closely communicates with both parties to identify the project requirements. This information allows one to understand project business objectives and target group. Then the business analyst creates project specification, which provides a clear understanding of what should be the result and what needs to be done to do this. We have prepared wireframes to show the app's functionality.

Next, the designer creates app design concepts, prepares the remaining screens and adapt the design for both mobile platforms. Ethereum Classic node was deployed on our own server. Also, we have developed Explorer to interact with the node. Our tester wrote test cases which verify particular functions of the applications.

Used technologies: Swift, RxSwift, Realm, Blockchain

Results

The company has successfully increased its clients' trust and loyalty.



vironIT

Cryptocurrency Exchange Platform

Blockchain, website

Challenge

Based in Texas, USA, our customer is a business incubation and venture capital investment firm fostering innovative business models based on blockchain, data analytics, and machine intelligence.

A project of theirs comprised the development of a universal web app integrating existing Bitcoin exchange accounts and empowering end users to trade from a single interface. Having a Play-based draft version, the customer approached Itransition for end-to-end cryptocurrency exchange platform development.

Solution

Itransition delivered a crypto exchange and trading platform that connects an unlimited number of cryptocurrency exchanges to offer traders the best exchange rates available. The platform also automates and facilitates the trading process by providing trade portfolio, risk management, market analytics, and reporting tools.

Results

Itransition delivered a one-stop crypto exchange and trading platform that enables end users to trade from a single interface on the best exchange rates. Pleased with Itransition's skillset ranging from low-level refactoring and documentation management to architecture design and product management, the customer outsourced the further extension of the Collector and Emulator functionality to our team.

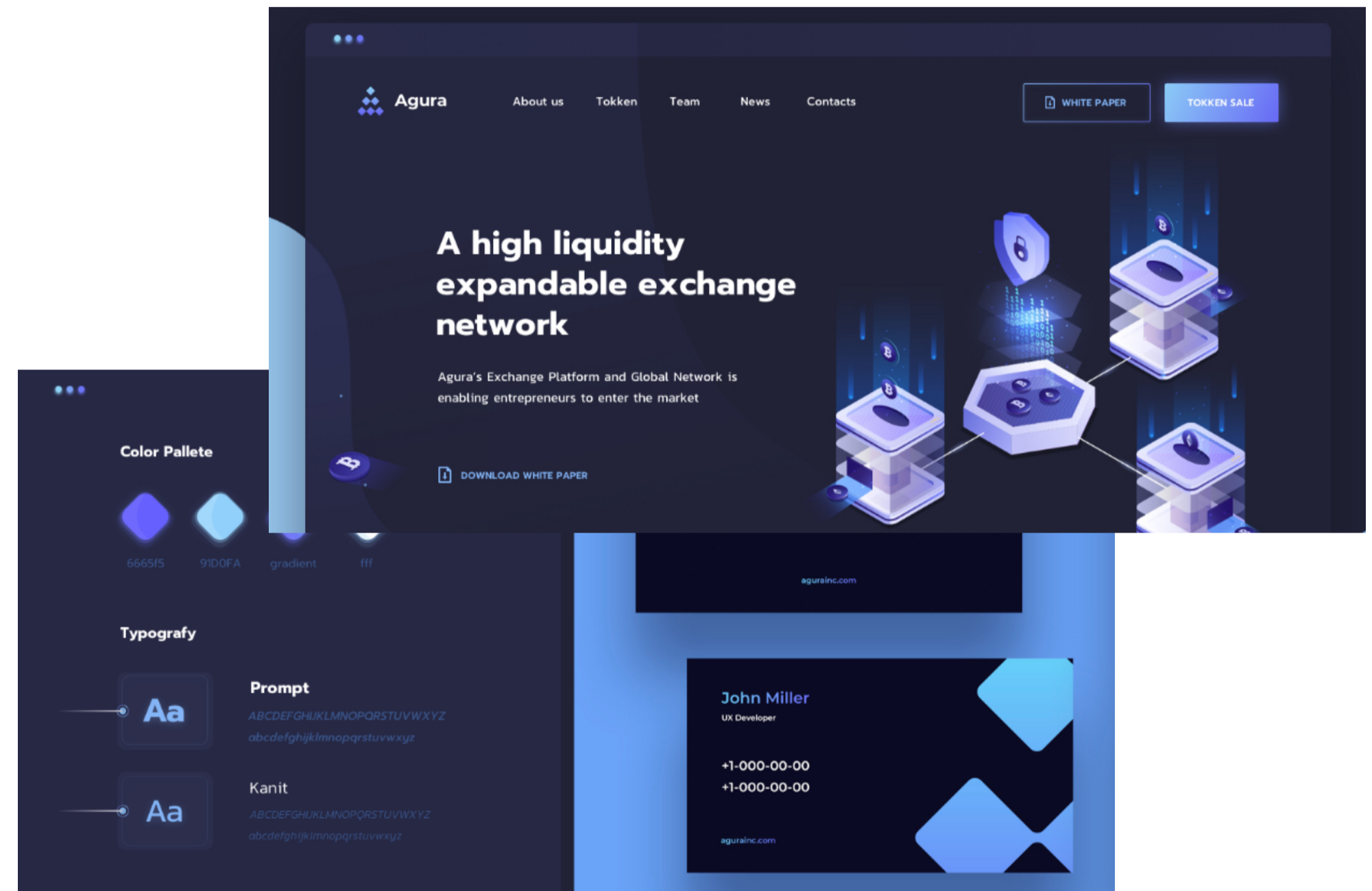


Agura

Blockchain, branding

Based in Israel, Agura is involved in the creation of Blockchain financial systems and the creation of decentralized cryptocurrency exchanges. This enables small and medium-sized enterprises to open their crypto-exchange.

For the first time in history, you can deploy your own cryptocurrency exchange in a matter of minutes.

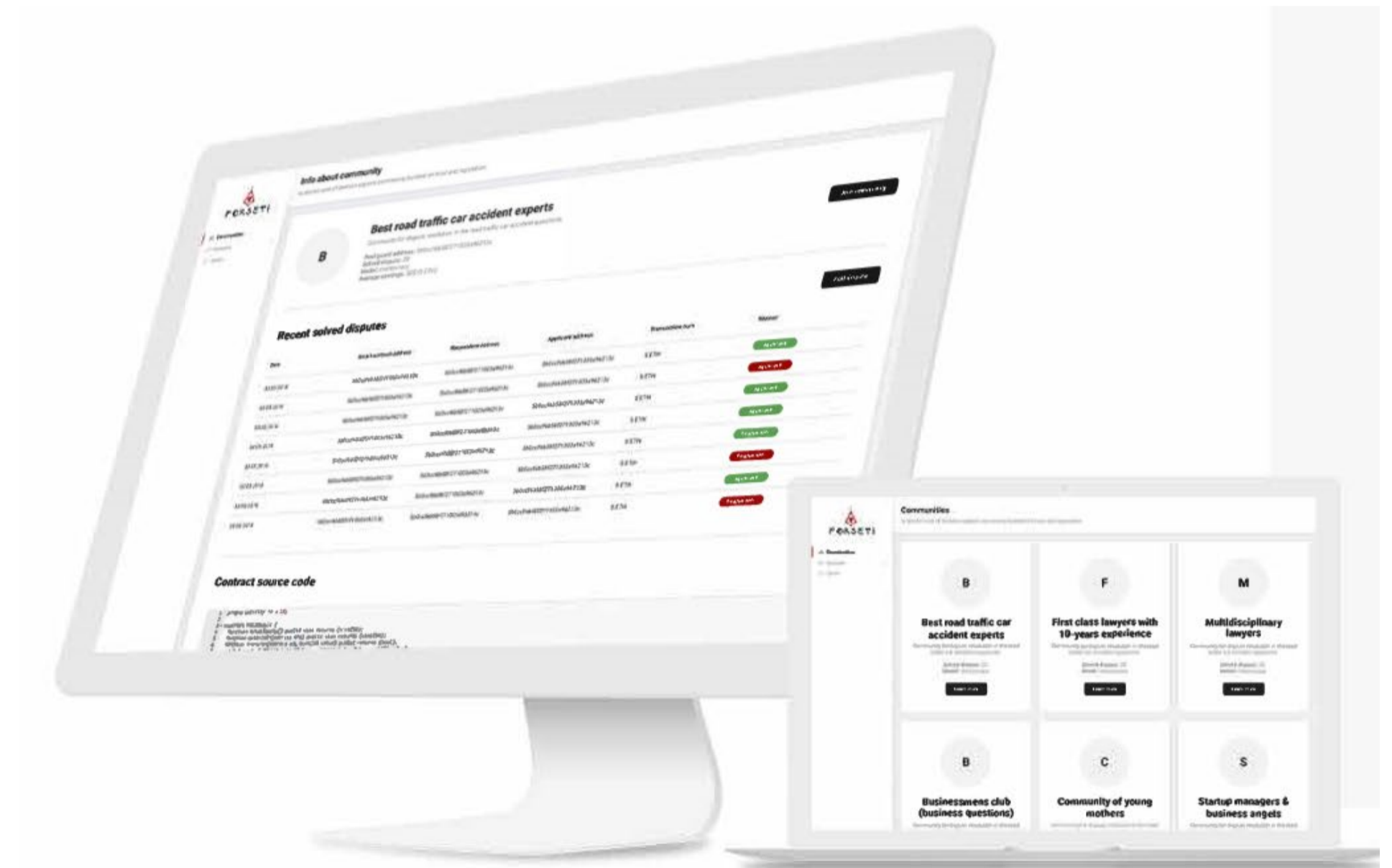


Decentralized dispute resolution system

Blockchain, software

The system provides a complete infrastructure for projects that need fair dispute resolution, external data collection and its verification in the blockchain.

Solution Our team developed software that provides a decentralized dispute resolution mechanism and process of collecting reliable data from the real world, submitting it to the blockchain and their confirmation. It provides a complete infrastructure for projects that need fair dispute resolution, external data collection and its verification in the blockchain. Today the project is under development of MVP



ARTiFACTS

Blockchain, website

THE ARTIFACTS PLATFORM – A SIGNIFICANT CONTRIBUTION TO THE ACCELERATION OF SCIENCE

ARTiFACTS is a unique web-based platform, which is purpose-built to enrich the scholarly record by enabling transactions and recording existence and attribution with linkages across all research artifacts. Main functions are the management of research projects, securing the provenance of research evidence, and making hidden data accessible. The aim was to create a platform for researchers that removes barriers that delay the communication of results and gives scientists formal recognition.

Challenges

CONNECT BLOCKCHAIN AND INTERNAL DATA

The team needed to organize data structure and decide: what part to store in the blockchain, and how to connect data put on the blockchain with the data inside of the system. Implement SSO (Single Sign-On) to give access to all services using one point of authentication and authorization; Apply the blockchain concepts such as Proof-of-Existence and Smart Contract services; Operate with an open-source platform without refactoring; Process a large amount of data and integrate science graphs such as Microsoft Academic Graph with the existing system.

Solutions

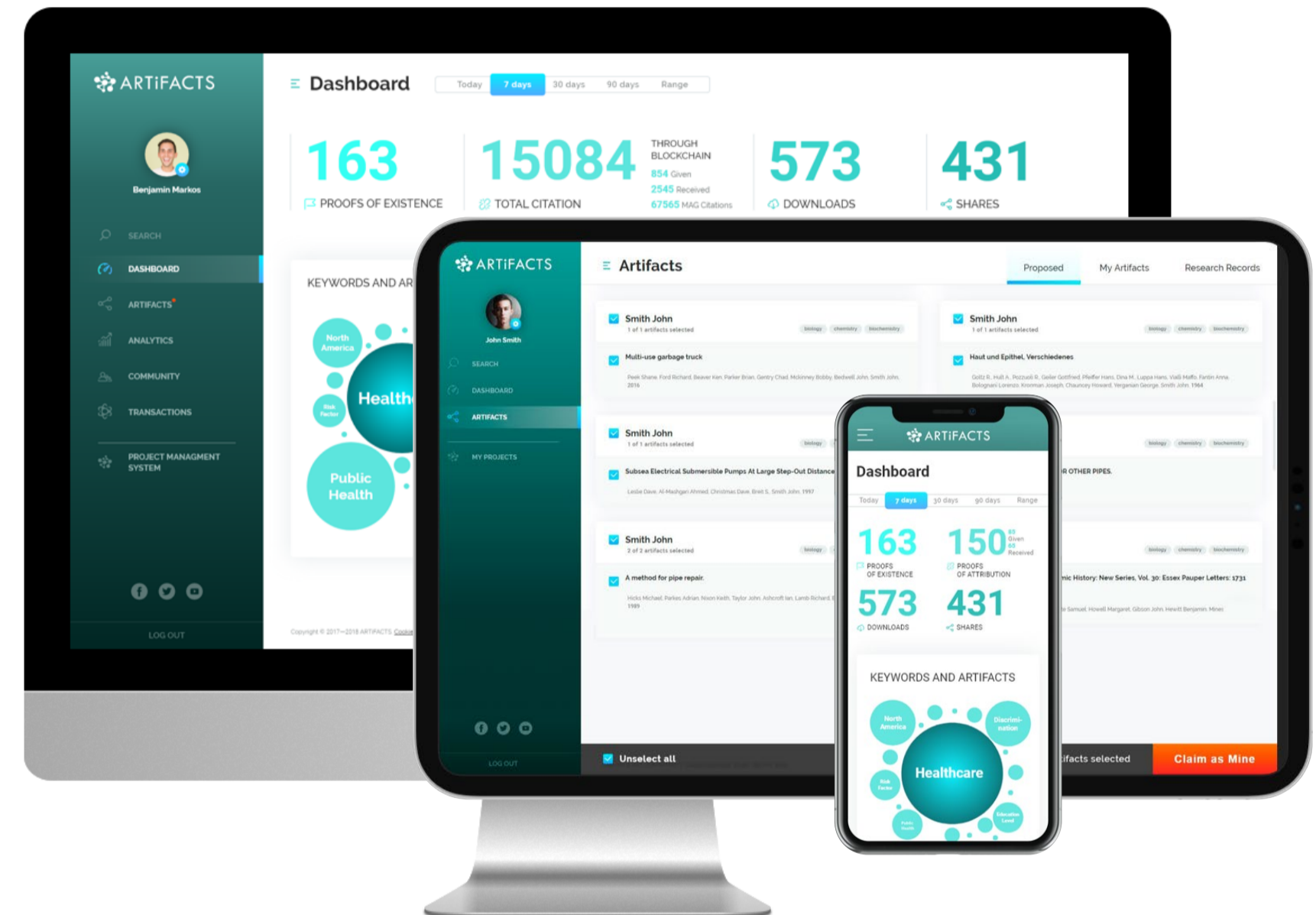
PUBLIC PERMISSIONED BLOCKCHAIN IS THE BEST SOLUTION IN THE CURRENT CASE

The first version of the product was based on Ropsten (Ethereum trial network). However, after analyzing various framework options for building a private blockchain, we decided the use of Hyperledger Sawtooth will be a better solution in the current case. In this regard, we developed a data transfer strategy to move the data from Ropsten to the new private blockchain Sawtooth. Our client's partners didn't have experience in using Sawtooth, which is why we created a technical manual and a set of recommendations for establishing this blockchain network.

Outcome

A UNIQUE SYSTEM THAT SPEEDS COMMUNICATION OF DISCOVERIES AND RECOGNIZES SCIENTISTS FOR THEIR CONTRIBUTIONS

Thanks to our efforts, the client got a unique system, which allows leading research projects and their researchers to secure the provenance of their materials by certifying them in the blockchain, and increasing the trust level by creating incontestable citation evidence of the (un)published papers, algorithms, data, protocols and all forms of relevant scientific outputs.





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