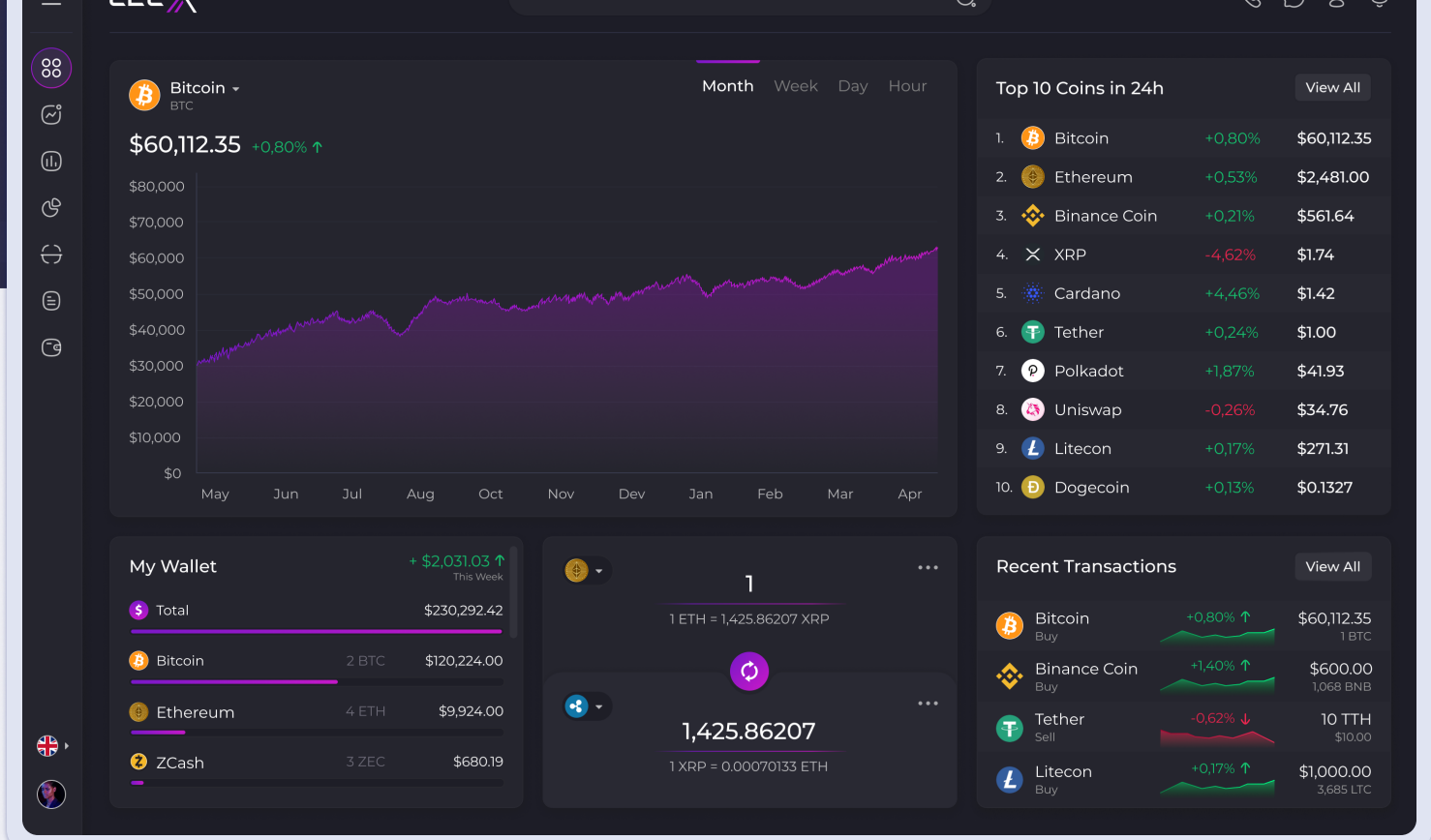


Real Property Portal

A digital Bitcoin exchange service to trade and transfer BTC. The system allows users to create and redeem vouchers, add margin accounts, instantly check the balance, confirm transactions, and view transaction history. The easy-to-use platform helps users to find the most profitable exchanges.



Business Challenge

Nowadays, more and more companies accept Bitcoin payments and work with cryptocurrency. As businesses prepared to respond to ever-increasing consumer demand for Bitcoin transactions, they need to invest in the right underlying blockchain development solution.

Therefore, our client requested to build a solid, real-time, and secure Bitcoin exchange platform to allow brokers to sell and buy digital cryptocurrencies online. The system should be interactive and oriented on the worldwide market. Moreover, the Bitcoin trading platform should allow traders to a quick and peer-to-peer contact to each other through the chat.

Solution

Our development company was challenged to create a secure and easy-to-use Bitcoin market exchange system to allow traders to make buying and selling operations. Our customer required a useful service for trading operations on worldwide digital coins market. The Bitcoin exchange platform should show last actual rate and orders history.

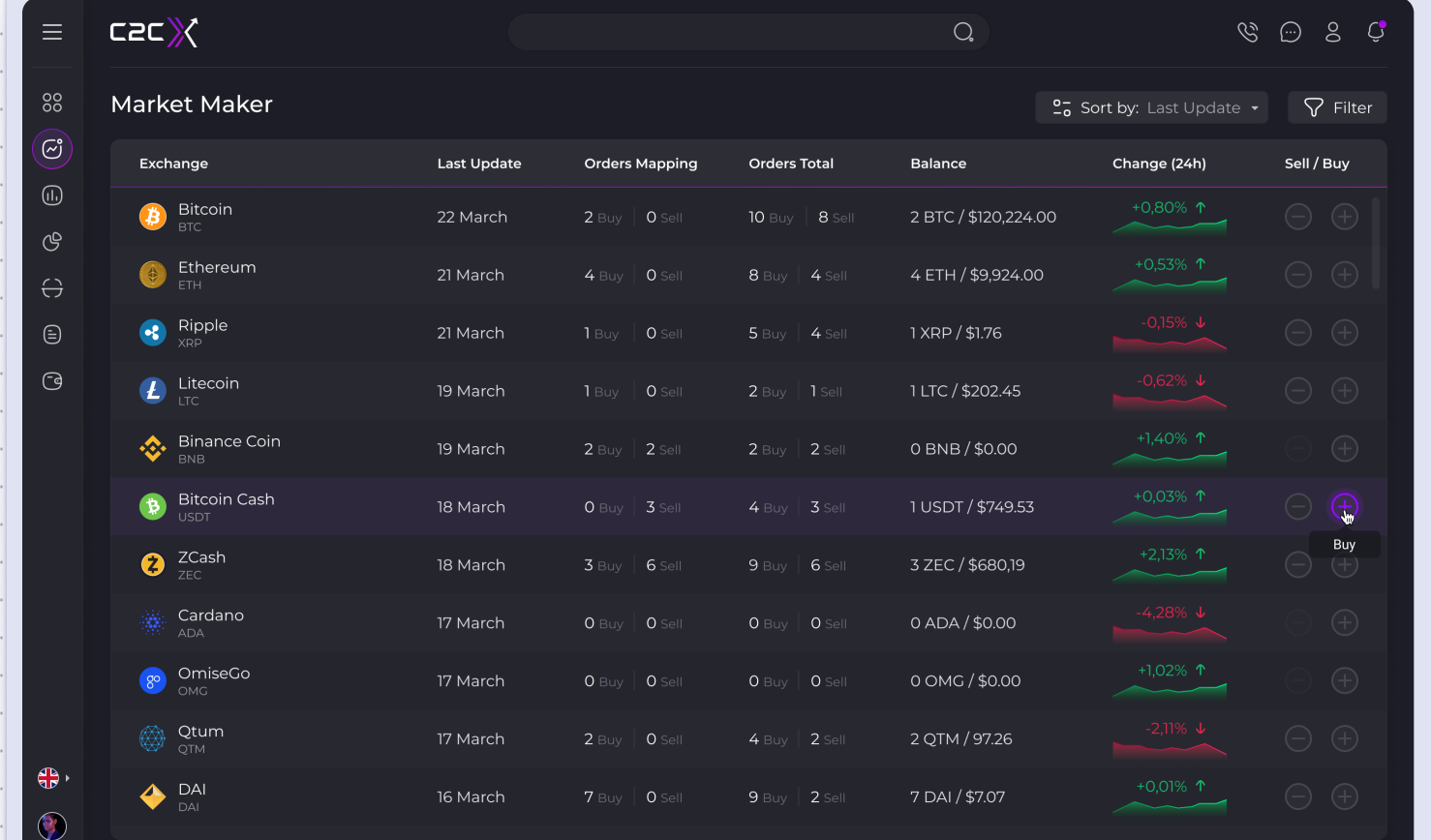
The system is implemented in ASP.NET MVC4. It allows users to register, maintain the balance, deposit and withdraw bitcoins, open bids, and make transfers. To track each user's balance, we synchronized the BTC wallet with MySQL database.

To choose a proper rate and a reputable seller, our development team implemented filtration function that helps users set up searching priorities. To implement this function, a JavaScript Scheduler web component was used.

WebSocket was used to show actual data only. HighCharts was used to build graphs and diagrams in the Bitcoin exchange service.

Our development team implemented data encryption for advanced security. Thus, the Bitcoin exchange service is considered as a secure local storage for keeping the brokers' money.

The functions of checking the trading history that keeps a detailed track of Bitcoin exchange, multilingual support, and localization were also implemented.



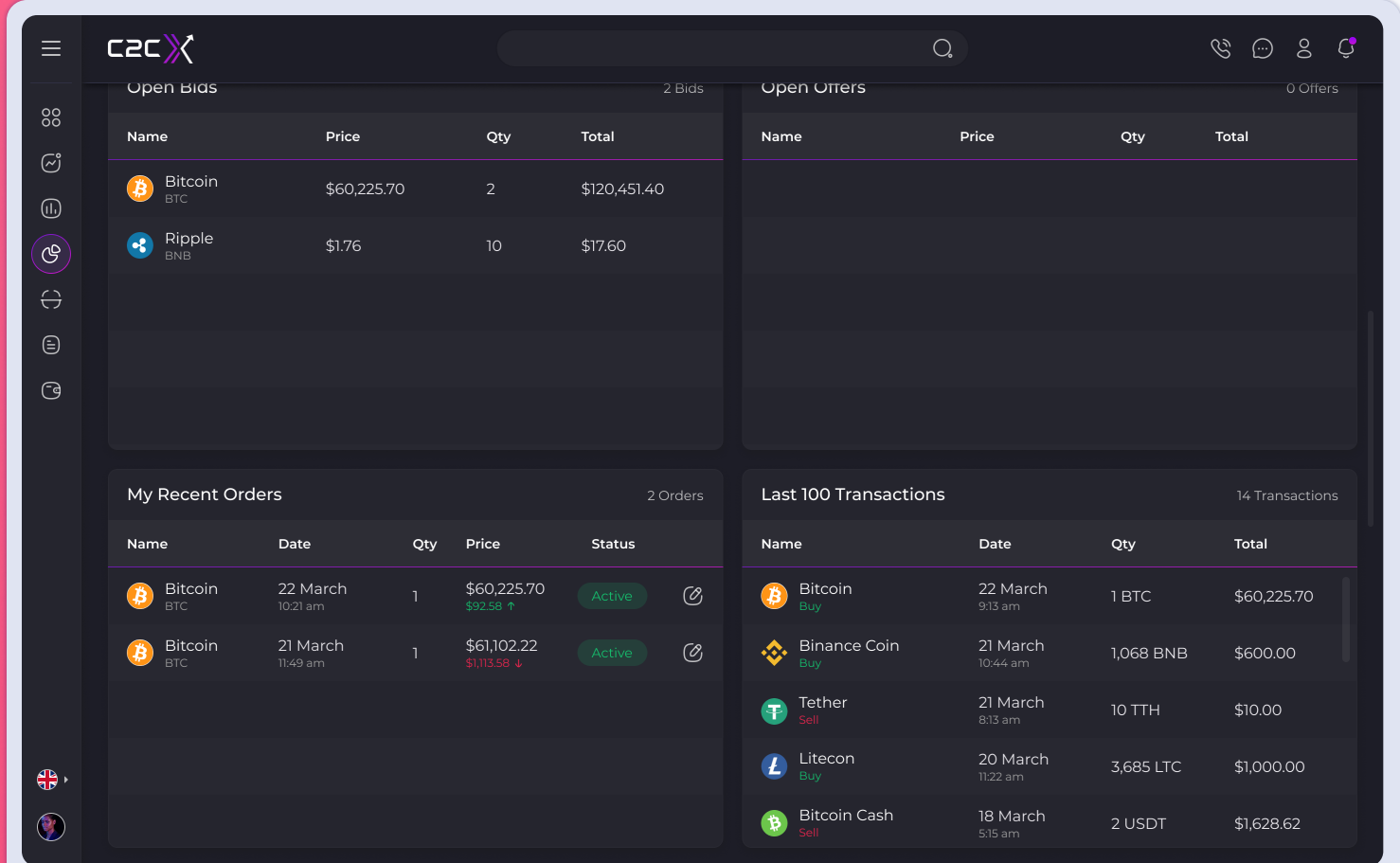
Project in Figures

6

Months
Duration

1500

Estimated
man-hours



Applied Technologies



Result

Our skilled team created an easy-to-use and robust Bitcoin exchange service to expand the trading horizons and allow users to conduct profitable buying and selling operations. The service allows searching and getting the best exchange rates in real-time and scanning the market situation by viewing the history of exchange rates.

Your questions and requests are always welcome!

Visit <https://xbsoftware.com/>

Email sales@xbsoftware.com

[Contact Us](#)