



# Web Based Trading Platform

A platform that allows the client to make transactions with any product, whether it be shares, grain, electricity, etc.

Market data comes in real time and is displayed in a convenient way, which makes it easy to navigate the market dynamics and make a buy and sale orders

Categories:

Financial Services

Trading Platform

Client Country:  Hungary, EU

Years of Development:  2019 (present)

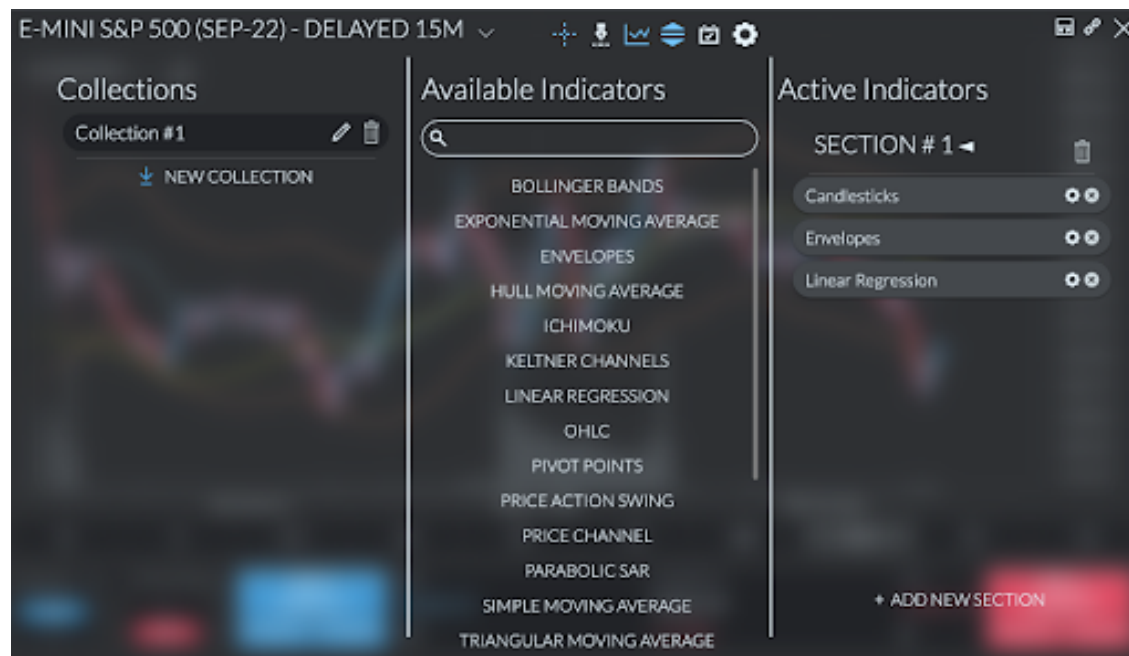




## Client Background

A European fintech company, primarily involved in the development of trading platforms and other market-related software solutions. The company is dedicated to provide traders with fast, user-friendly and modern trading tools with easy learning curves.

Besides being active in the field of development, the company's United States branch is also a licensed data distributor of the Chicago Mercantile Exchange.



## ORDER TICKET



ACCOUNT



SYMBOL



QUANTITY

FLAGS

Day



BUY

SELL

ORDER TYPE



PRICE

STOP LOSS

TICKS

TAKE PROFIT

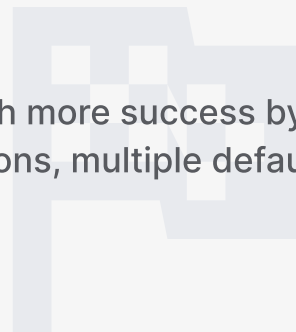
TICKS

RESET

CONFIRM

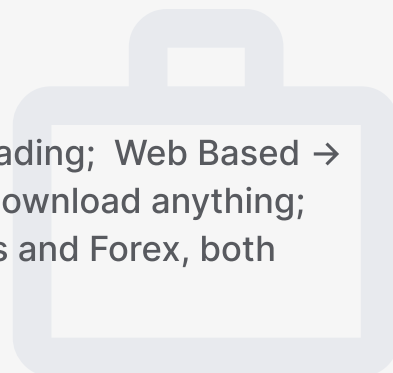
## Business Goal

Helping traders to work on the market with more success by providing useful & advanced UI/UX solutions, multiple default data feeds, custom charts and layouts.



## Business Result

Easy to Place & Edit Orders; 1Click Trading; Web Based → login from anywhere with no need to download anything; Low Computing Requirements; Futures and Forex, both available; Amazing Customer Support.



TIME AND SALES				
TIME	PRICE	BID	ASK	VOL
10:41:51:06	4268.25	4268.25	4268.25	1
10:41:50:60	4268.25	4268.00	4268.25	1
10:41:50:60	4268.25	4268.00	4268.25	1
10:41:50:60	4268.25	4268.00	4268.25	4
10:41:50:60	4268.25	4268.00	4268.25	1
10:41:50:60	4268.25	4268.00	4268.25	1
10:41:50:60	4268.25	4268.00	4268.25	2
10:41:50:28	4268.25	4268.00	4268.25	1
10:41:50:28	4268.25	4268.00	4268.25	1
10:41:50:28	4268.25	4268.00	4268.25	1
10:41:44:35	4268.25	4268.00	4268.00	1
Symbol	BID	LAST PRICE		ASK
ES ^	4268.25	4268.25		4268.25
	4	-0.44%		10



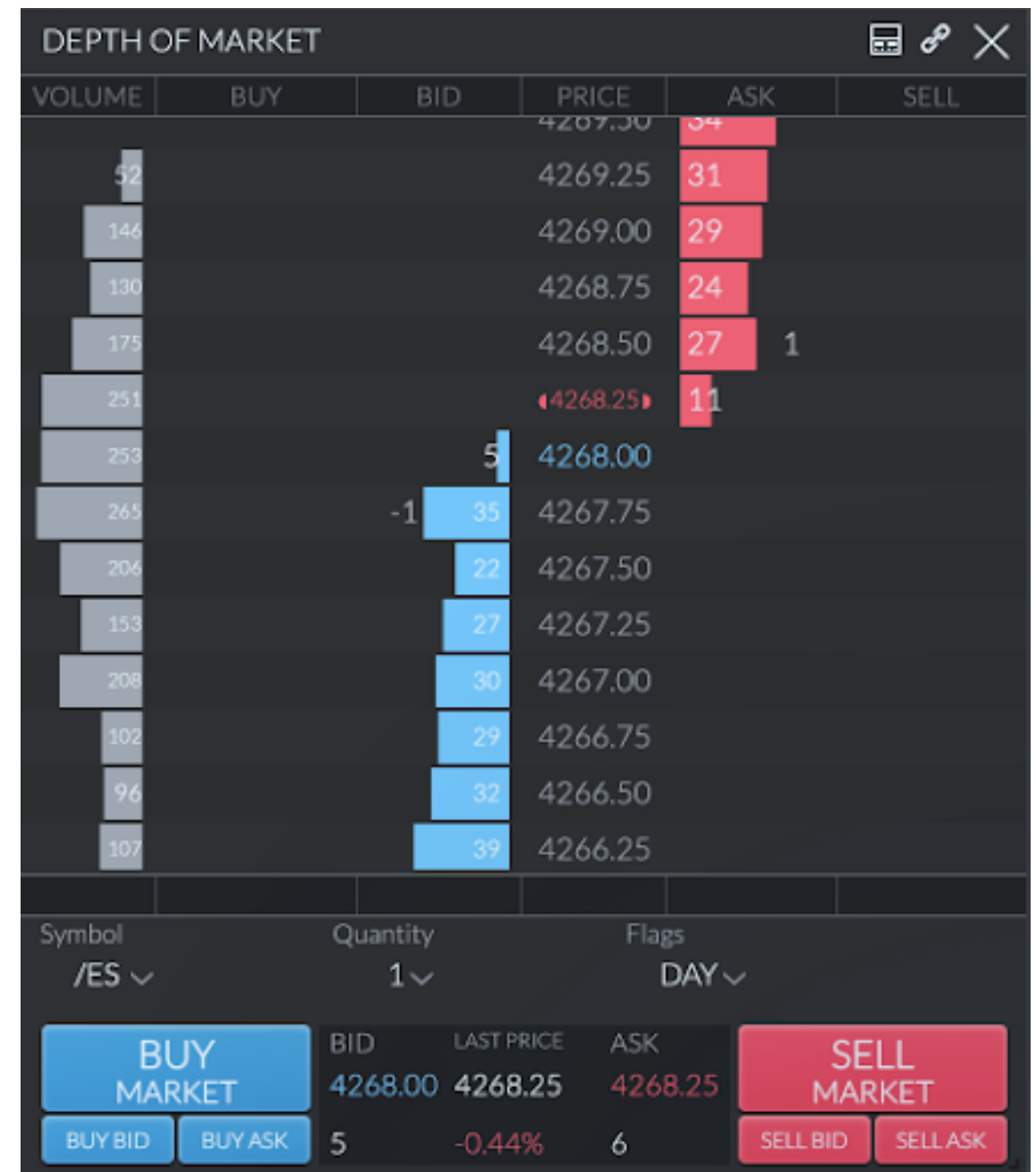
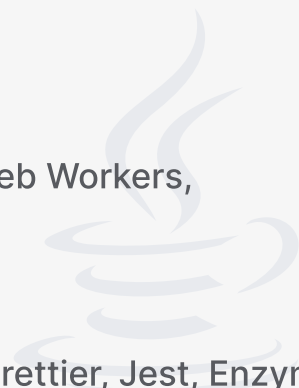
## Tech stack

**Back-end:** Node.js, Express

**Front-end:** React, Redux, TypeScript, Web Workers, Material UI

**DB:** MongoDB, PostgreSQL

**Libraries used:** Moment, Lodash, Uuid, Prettier, Jest, Enzyme





Market data processing up to 200 times per second



Development of widgets for visual display of market dynamics



Implementation of indicators that help the user evaluate the possible future market change



Processing large amounts of information in web workers



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