



BUSINESS GAMIFICATION PLATFORM

[PLAYZIZO.COM](https://playzizo.com)

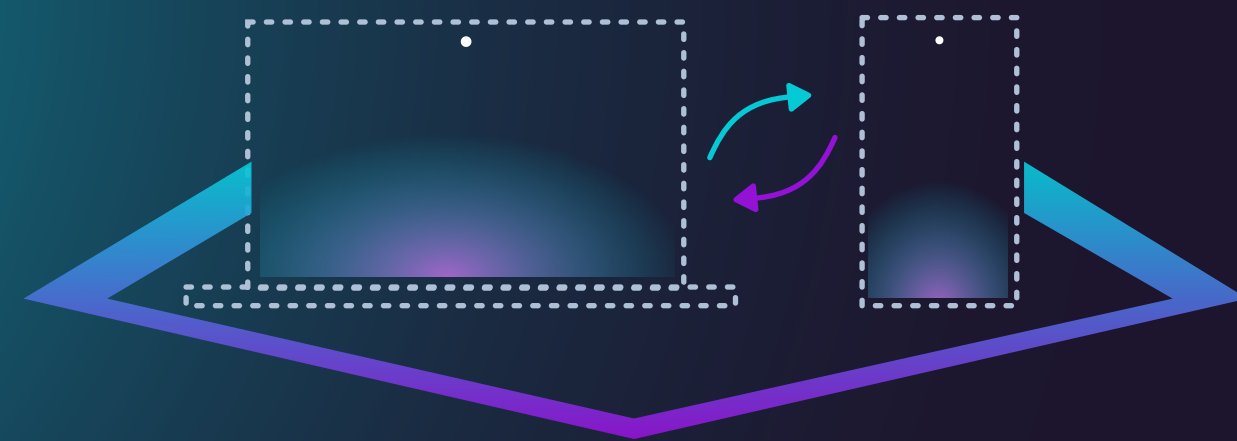
ABOUT THE CLIENT

ZIZO is a revolutionary HRTech platform that uses game mechanics for employee engagement and management at the workplace. This unique platform provides real-time insights and enhances the performance of employees.

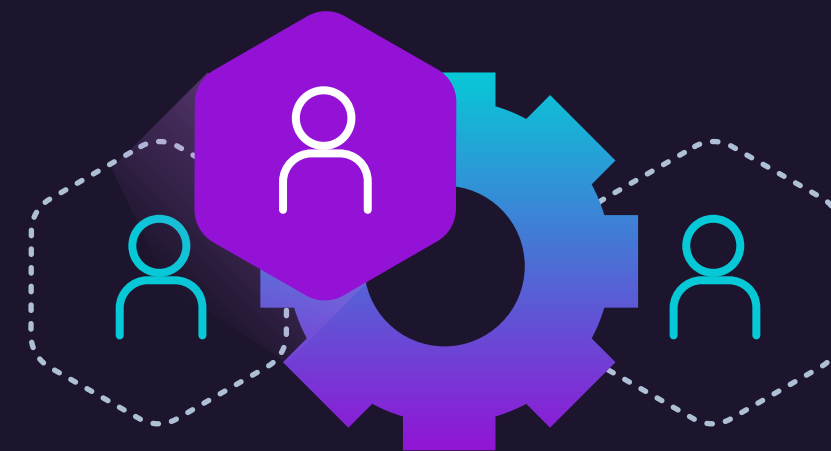


PROJECT RESUME

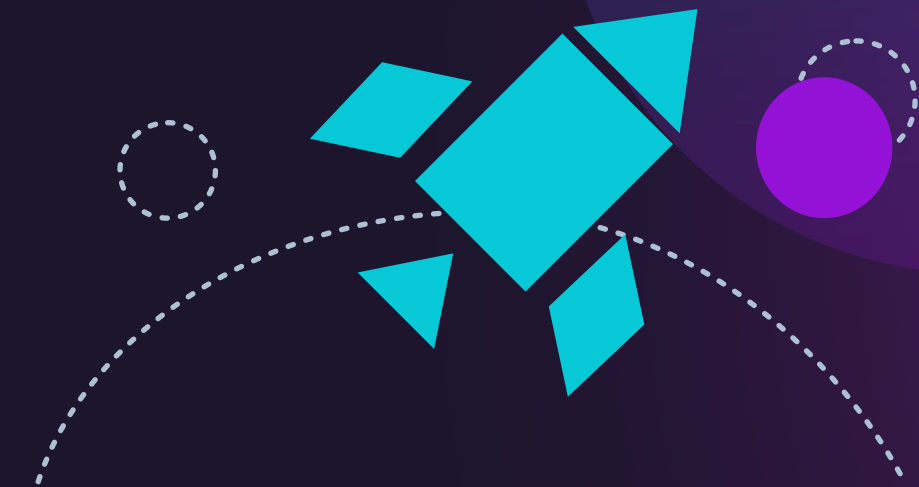
IN COOPERATION WITH ZIZO



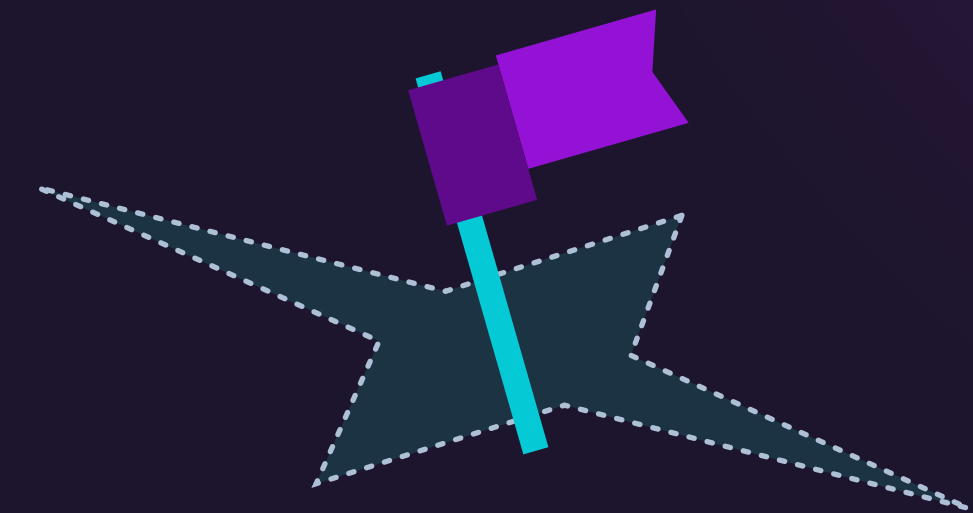
Web/Mobile
PLATFORM



HR Tech
INDUSTRY



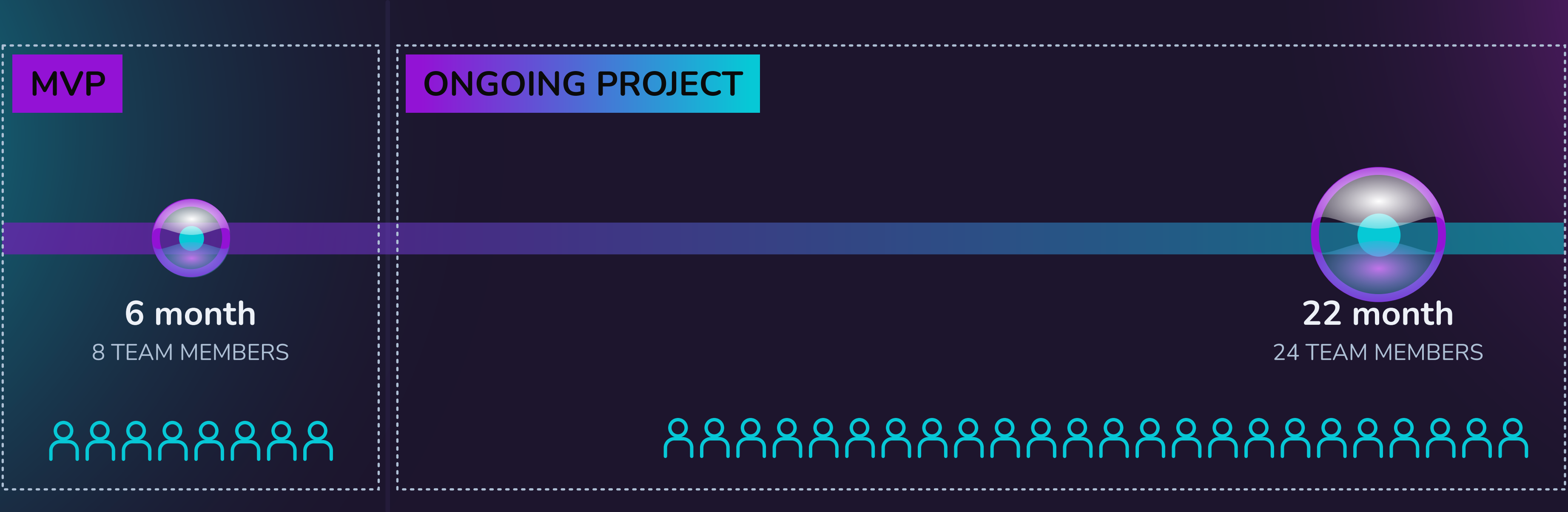
Dedicated team
COOPERATION MODEL



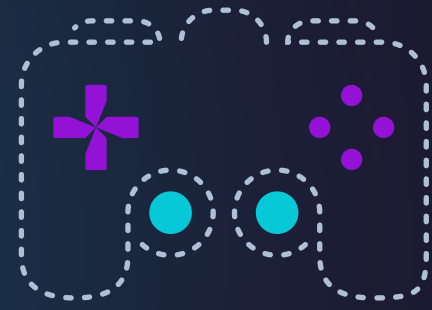
USA
COUNTRY / STATE

PROJECT SCALING

NOW 22 MONTHS SINCE THE VERY BEGINNING



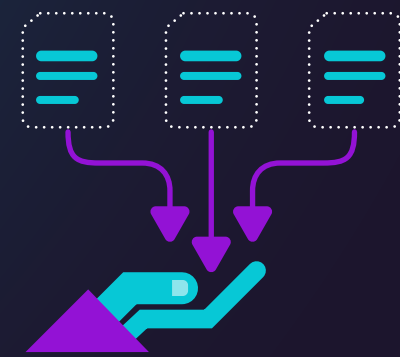
FEATURES IMPLEMENTED



Data gamification
innovation



People performance
prediction



Data gathering,
unification, and reporting



Business growth
forecast



TECHNOLOGIES USED

FULL STACK DEVELOPMENT



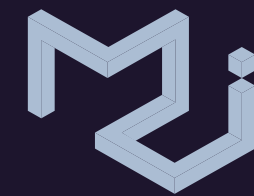
TYPESCRIPT



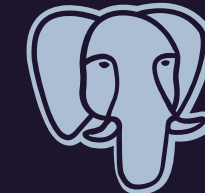
REACT / REACTNATIVE



AWS LAMDA



MATERIALUI



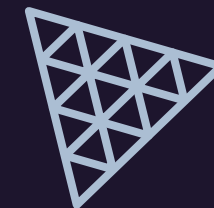
POSTGRESS



TAILWIND



AMCHART



THREE.JS



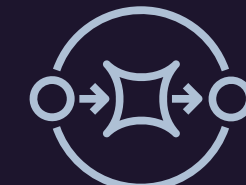
AWS COGNITO



AWS KINESIS



DYNAMODB



AWS SQS



AWS SNS



AWS SAGEMAKER



CHALLENGE

MASS-DATA MULTIPROCESSING AND HIGH PRECISION FORECASTS ON THE FLY

When we met, ZIZO wanted to make a product that would be a real game changer in HR Tech. So we needed to make it a real revolutionary software that would be fast, accurate, and process lots of data at the same time.



CHALLENGE

SO OUR MOST CHALLENGING AND CAPTIVATING GOALS WERE:



To implement a reporting system that calculates statistics directly while the user interacts with the app's interface.



To provide a forecast feature for HR expenses and the following business impact.



To minimize delay in records retrieved by the storage system. It holds hundreds of millions of records. Which usually means years of processing the data.



To implement 200+ bots to grab data from third-party systems with an acceptable frequency.



RESULTS

TO DRIVE EMPLOYEES AND SIMPLIFY MANAGEMENT WE IMPLEMENTED:



Binary-tree-like caching system for instant statistics updating in just 0.3 sec.



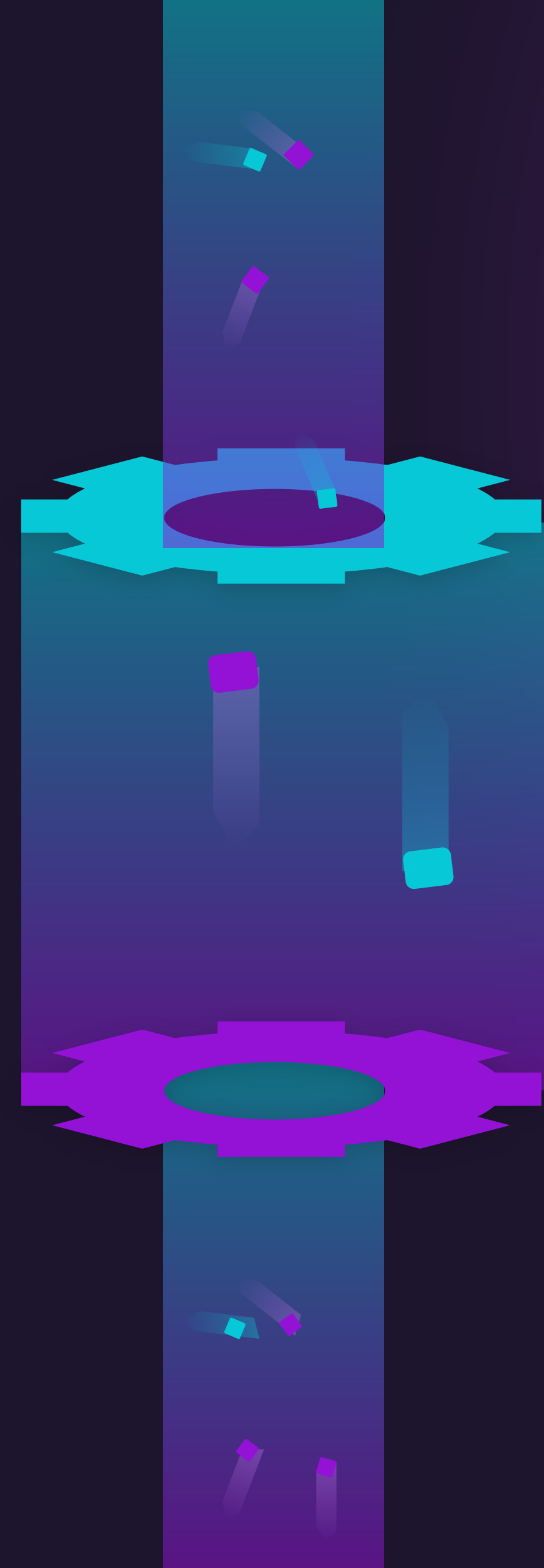
System of pre-calculating and archiving big data to accelerate search from several minutes to 3 seconds.



Abstract data crawlers factory to grab data for each new source instead of a separate solution. Working without/ with minimal devs involvement.



Prediction system to forecast HR expenses and business growth. Obtained from people engagement, based on historical data.



REVIEW REVIEW



“

Dewais provided skilled developers that delivered consistent work that was critical to the product's success. They're flexible, responsive, and engaged. Their open-minded approach makes them stand out.



Yannick Tessier

CHIEF TECHNOLOGY OFFICER,
playzizo.com



Product maintenance is still on us,
since 2019.



OUR CONTACTS

FEEL FREE TO CONNECT



pavlo.baranchuk@dewais.com



+38(063)1620405



dewais.com

LEGAL OFFICE

120 Baker, W1U 6TU
London, UK

R&D CENTER

23 Serpnia str., 20-A
Kharkiv, Ukraine 61000