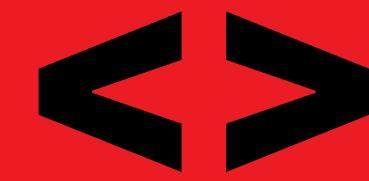




**ENGINEERING
YOUR GROWTH**



Mad Devs is London, UK-based company with a distributed team of dedicated professionals taking on complex, highly scalable, enterprise-level software projects for FinTech, Transportation, HealthTech, AdTech, EdTech, and E-commerce industries.

We build robust combinations of hardware and software architecture, infrastructure, and design, actively leveraging the AI/ML solutions.



Engineering your growth **Mad Devs**

Living and breathing remote work, we immersively partner with clients across the US, in the UK, South East Asia, Europe, and Oceania.



Mad Devs today is a 100+ person strong team, with teams scattered across the globe.

Our development workflows are devised around asynchronous communication, leveraging the extreme task and process-level transparency through detailed automatic reporting drilled down to every task instance or team member.

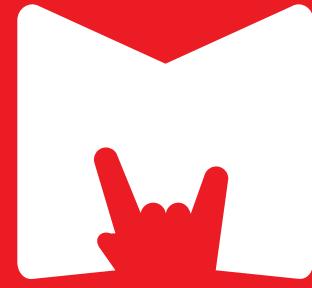
MAD DEVs ➤ GEOGRAPHIC PRESENCE

USA
UK
Australia
France
Germany

Austria
Vietnam
Singapore
Switzerland
Thailand

Latvia
Russia
Kazakhstan
Kyrgyzstan





MAD DEVs CREATE PROJECTS FOR

Content Streaming

Transportation

HealthTech

IoT

E-Commerce

AdTech

E-Learning

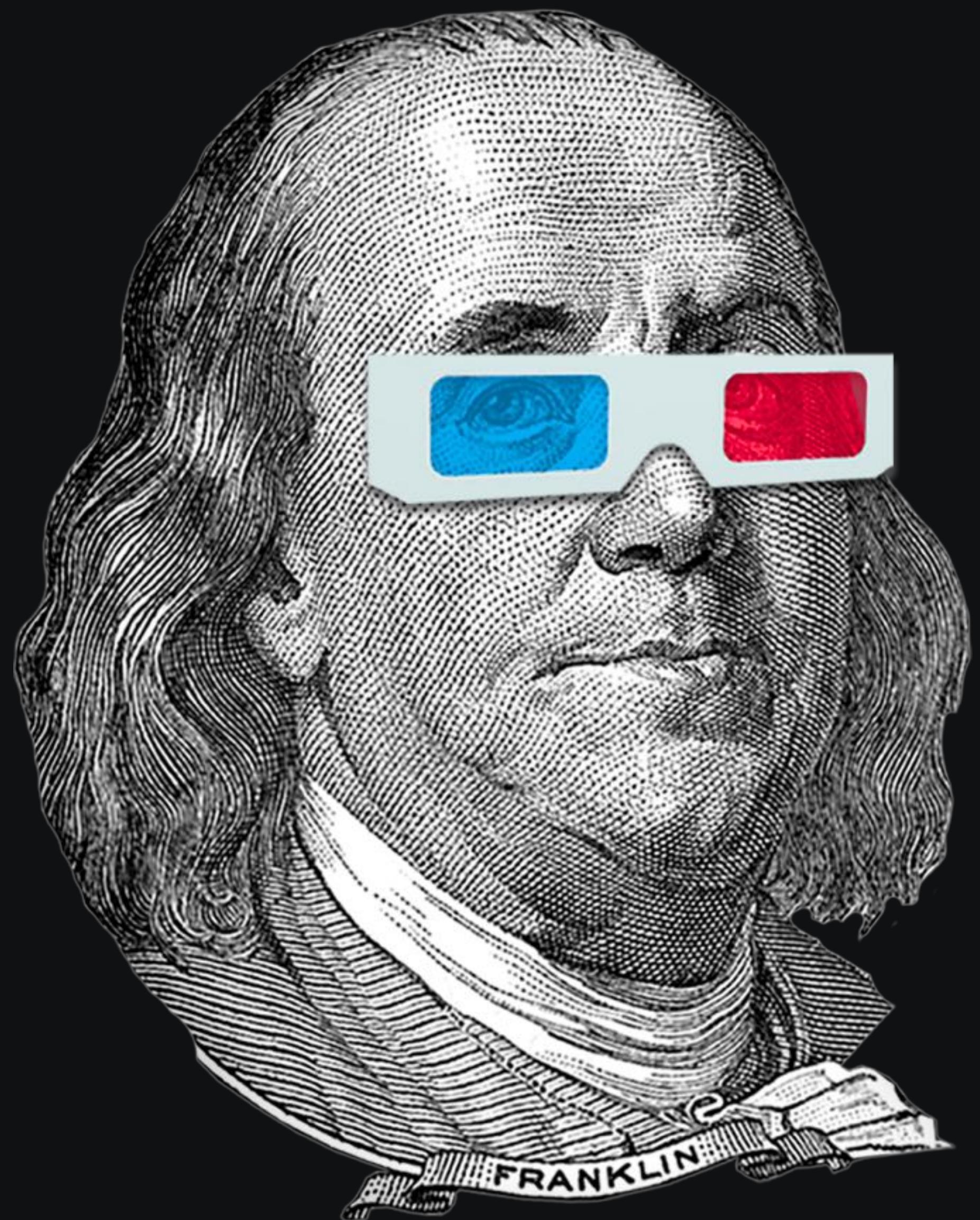
FinTech

Serverless

BYOD

Blockchain

FoodTech



OUR SER- VICES

IT CONSULTING

Technological transformation that goes in line with your business needs. Leveraging our 15-year experience in IT, Mad Devs offers consultancy on fast and cost-effective IT environment optimization to ensure tangible competitive advantage.

Our main directions are: IT assessment, IT strategy & planning, Business continuity and disaster recovery, Governance, risk and compliance.

INFRASTRUCTURE OPTIMIZATION

Mad Devs provides a 360-degree infrastructure audit and provides a flexible and scalable resource optimization action plan. We aim to achieve shorter time-to-market, boosted security, scalability, and manageability to align software development with your business objectives.

Our main directions are: Cloud migration, Serverless infrastructure adoption, Infrastructure as code implementation.

SOFTWARE DEVELOPMENT

Mad Devs offers a comprehensive set of custom software development services for mid and large enterprises and startups across a variety of industries. Whether it's custom software, a mobile application, or a web application, we deliver high-loaded, world-class software solutions.

Our main directions are:

DevOps, QA, Backend, Frontend, Mobile, PM, Infrastructure, UI/UX.



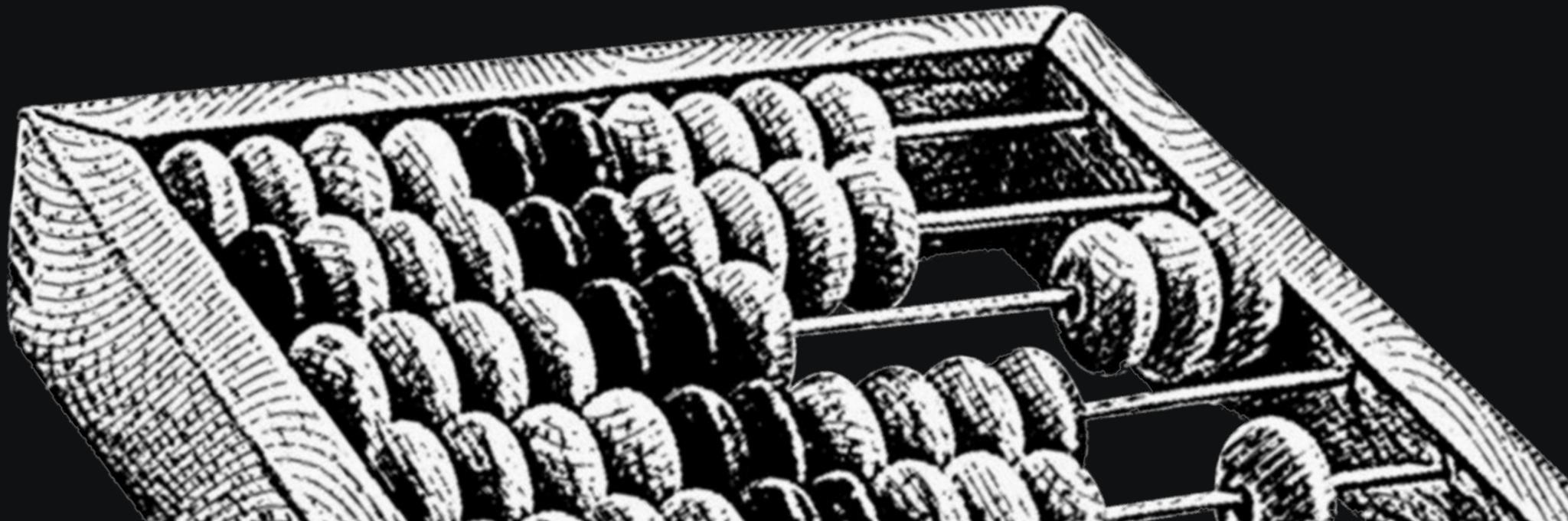
COOPERATION MODELS

COOPERATION MODELS

At Mad Devs, we provide a full range of services aimed at delivering long-term value for both our customers and end users.

Our cooperation models are based on transparent communication, equal risk-sharing and partnership:

- Staff augmentation
- Dedicated project-based team
- Temp to hire
- Technical assessment & consulting
- Team supervision
- Project transfer



FANTASTIC CUSTOMER SATIS- FACTION RATES

Engineering your growth
Mad Devs Engineers

92%

recommend
us to others

87%

stay with us for more
than 2 years

98%

are satisfied
with our pricing

MAD DEV'S' KEY METRICS

10M+

US dollar raised by 5
customer startups in 2019

75%

of customers are now paying
50% less for IT infrastructure

30+

tech bloggers and
conference speakers in our
team

50+

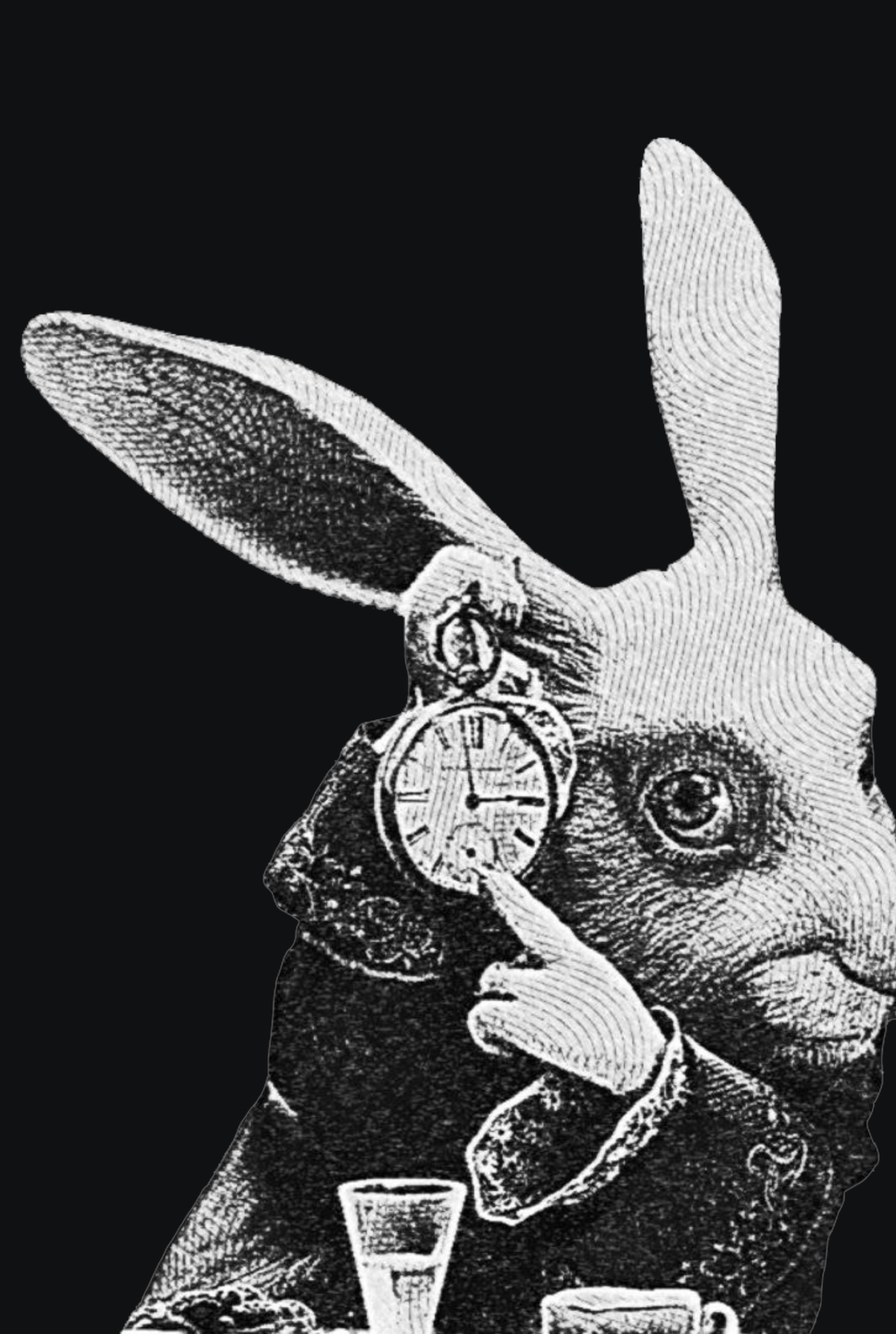
projects delivered to
customers by our team

100+

staff members
work for Mad Devs

70+

open-source
projects on GitHub



**MAD DEV'S'
MISSION
AUTOMATE
EVERYTHING**

BYOD

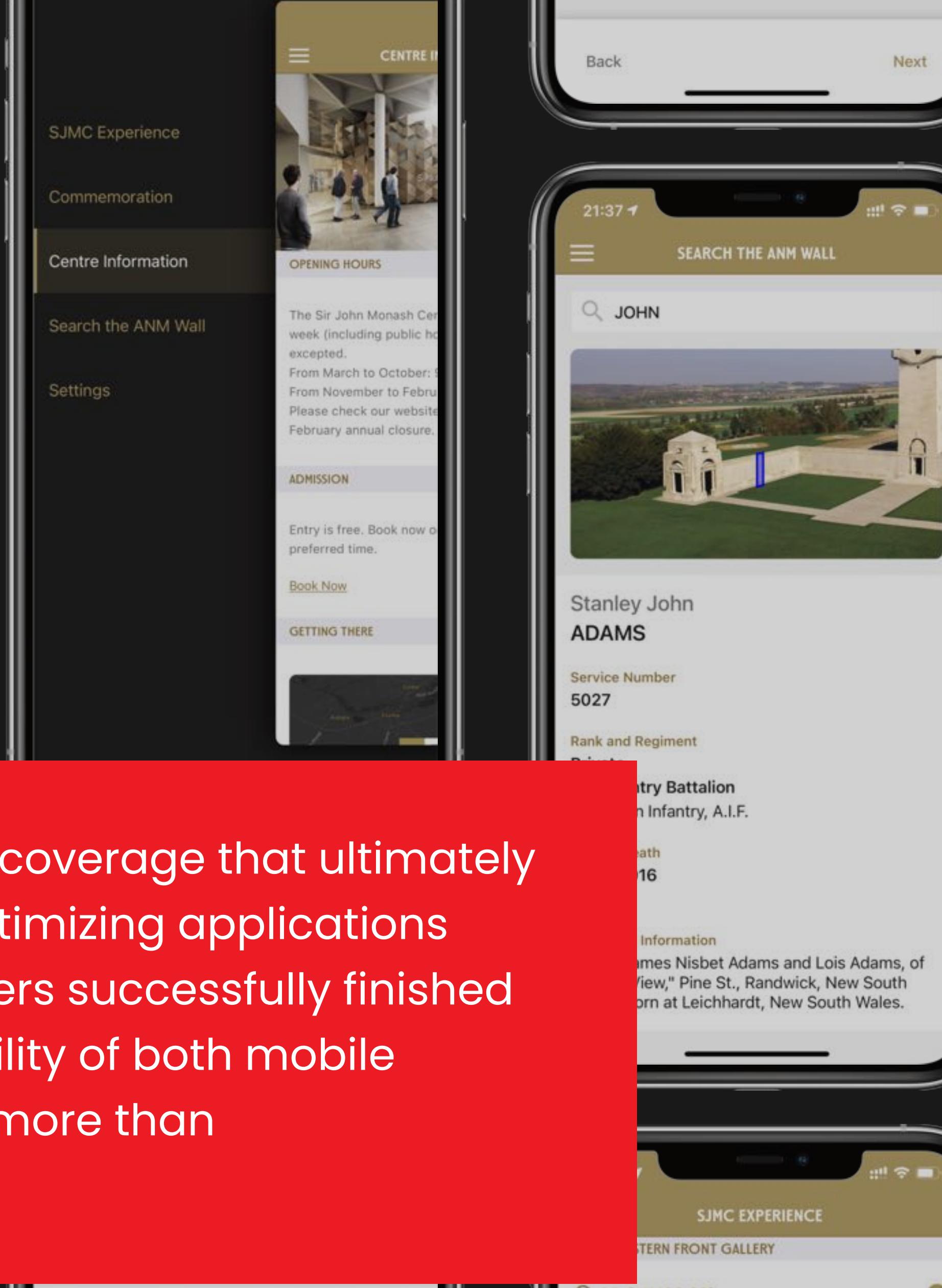
SIR JOHN MONASH CENTRE

The Sir John Monash Centre (SJMC) is an Australian multimedia centre telling about the country's WWI Western Front experience through a series of interactive installations.



The goal that SJMC and we pursue is no less than heritage preservation. Historical lessons are easily forgotten, and nations' memories are easily lost. In the 21st century, museums struggle to appeal to the public. The answer is advanced BYOD and multimedia technology that provides interactive, engaging experiences. 60,000 people visit SJMC every year.

We significantly increased iOS and Android applications' **40%** test coverage that ultimately prevented defect leakage. After fighting **1K+** minor defects and optimizing applications to support the latest mobile operating systems, Mad Devs' engineers successfully finished the technical debt. The SJMC code refactoring improved the usability of both mobile applications and the MMIT Brain by enhancing the experience for more than **100K** visitors annually.



■ TRANSPORTATION

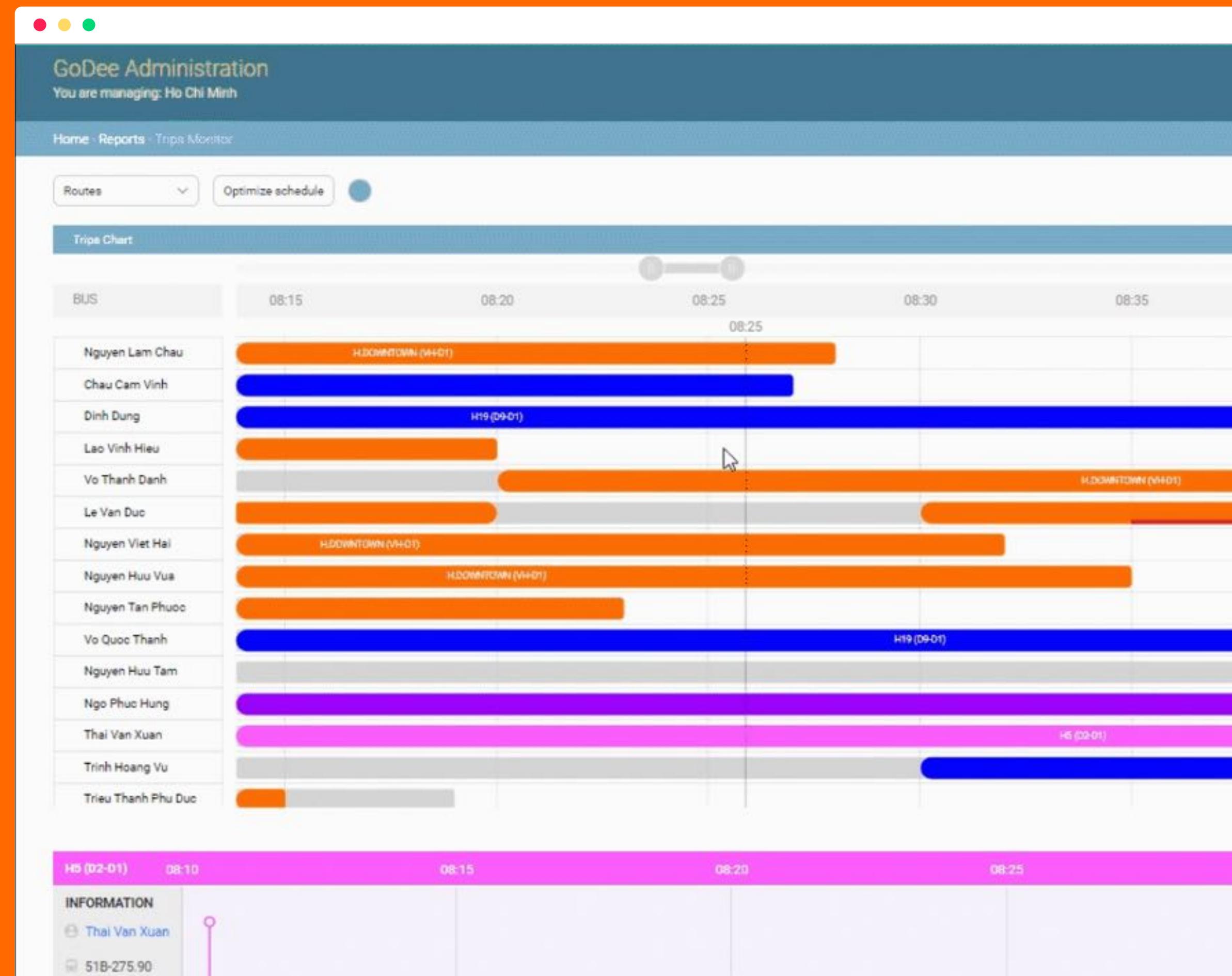
GOSEE

GoDee is a shuttle bus service for commuters in Vietnam.

To provide better transportation options to passengers, we built a smart system from scratch that plans routes and monitors trips.

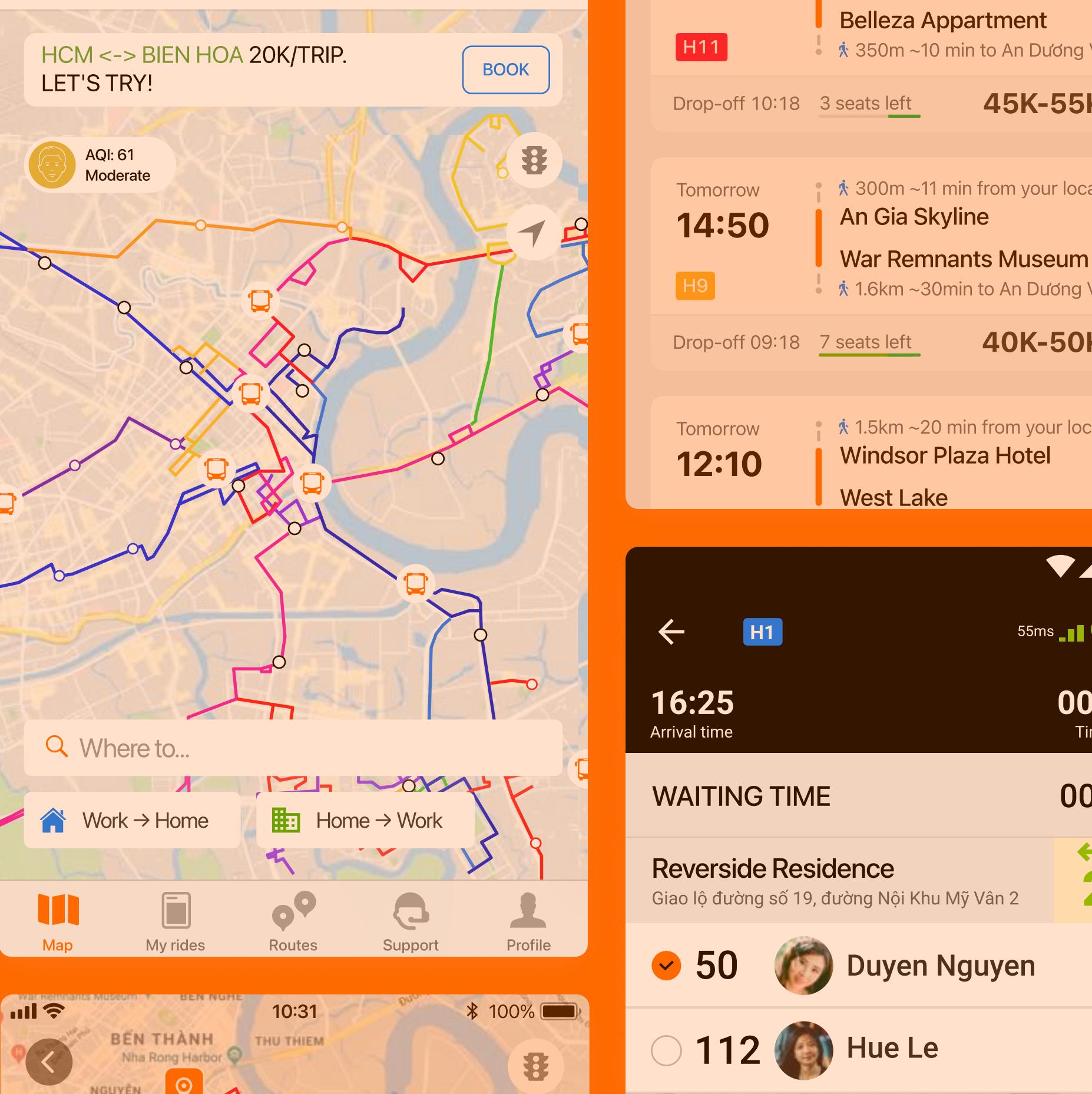
We also created mobile apps for drivers and passengers to make use of this system.

GoDee



Commuting in Vietnam's cities has become challenging due to intense urbanization. With public transport crowded, motorbikes inconvenient for office workers, and taxis too expensive, people needed better transport.

GoDee was the solution. Shuttle bus trips are affordable, comfortable, and importantly environmentally friendly as people get to share their transport. 25,000 people now use GoDee every month, and we take pride in making this experience available to them.



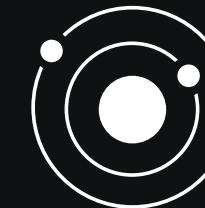
Mad Devs helped GoDee with developing feature-rich software to re-invent public mobility by building new smart ways of a daily commute. The solution has attracted more than **270K** users so far, and the management capacity of one operator has increased to more than **2,5K** trip requests and more than **25K** passengers per month.

SECURITY

GUARDRAILS

Guardrails is a security tool that prevents vulnerabilities in code.

Once incorporated into the development flow, it scans code updates for potential security-related flaws and threats and proposes ways to fix the identified problems.



GUARDRAILS

A screenshot of a GitHub pull request interface. At the top, a purple button says "Merged". Below it, the title of the pull request is "Add users management feature #77" and it shows "kytwb merged 1 commit into master from feat/add_users_management on Jan 11". A comment from "guardrails bot" is visible, stating "All checks have failed" due to "1 failing check" detected by "guardrails/scan — detected 3 new security issues". The comment continues with a warning: "We detected security issues in this pull request: Hard-Coded Secrets (1), Insecure Use of SQL Queries (1), Vulnerable Libraries (1)". It ends with a call to action: "Happy with the results? Give your [feedback](#)". At the bottom right, there is a box containing "4 other comments".

A staggering amount of \$400B is how much companies lose due to security issues every year. Having weak spots in the software it operates is a major risk that no business can afford. Guardrails' ambition was to make it easier and more manageable for development teams to make their code safer and protect their data.

We have assisted GuardRails to significantly improve their user experience by reducing the database response time from **2 seconds to 30 milliseconds** for the most common requests. Guardrails protects over **20K** repositories today but plans to reach out to **600K** organizations in the future after improving the quality of security vulnerability detection with the help of our team.

The screenshot shows a GitHub pull request interface. At the top, a message from 'kytwb' indicates a merge of 1 commit from 'feat/add_users_management' on Jan 11. Below this, a status bar shows 'All checks have failed' with '1 failing check'. A note from 'guardrails/scan' states 'detected 3 new security issues'. A warning message from 'guardrails' lists three findings: 'Hard-Coded Secrets (1)', 'Insecure Use of SQL Queries (1)', and 'Vulnerable Libraries (1)'. A link to 'feedback' is provided. A comment from 'kytwb' is shown, followed by a section for '4 other comments'. On the right, a sidebar displays a timeline of activity and a chart titled 'Current Open Vulnerabilities: 98'. The chart shows the distribution of vulnerabilities across various categories: Hard-Coded Secrets (41), Vulnerable Libraries (22), Insecure Use of Dangerous Function (11), and Insecure Configuration (9). A legend indicates the color coding for different languages: general (pink), cloud (dark blue), javascript (light green), ruby (teal), and python (purple).

E-COMMERCE

CLUTCH

Clutch is a catalogue of the leading IT and marketing companies based on a complex, data-driven rating and review system.

Clutch

THE PROJECT

Golang Dev & Mobile Apps Support for Historical Center

IT Consulting & SI, Mobile App Development

\$200,000 to \$999,999

Nov. 2019 - Ongoing

Project summary:

After enhancing the codebase written in Golang, Mad Devs updated the software product to support external inputs and enhanced the frontend to facilitate content changes. They maintain the product and two apps.

THE REVIEW

"I'm most impressed with their technical capacities."

MAR 7, 2021

5.0 

Quality:

Schedule:

Cost:

Willing to

Feedback summary:

Providing support services across three time zones, Mad Devs efficiently addresses emails and other requests in a timely manner. They produce timely deliverables and frequently communicate progress. The team adopted a Waterfall methodology to satisfy the unique needs of the partnership.

Read Full Review 

Choosing a contractor to work with can be lengthy and distressing. Poor choices are often due to the lack of proper research. With the entire world turning into one market, customers today have to select contractors out of thousands of options.

Clutch makes the selection process easier and increases the chances for finding contractors that fit a given project perfectly. Enabling businesses to make better market research, Clutch ultimately helps them make informed decisions.

Mad Devs engineers have developed Clutch.co's Statistics microservice that allows managing more than **800K** unique users per month, improved website and widget speed (to less than 1 second) to enable potential clients to discover more than **200K** agencies' data and review, and developed a repository for a geographical database with **52K** instead of **7M** place names included to improve user experience.

Reviews
4.9 ★★★★★ 10 REVIEWS [Submit Review](#) [Sort by](#) [Relevance](#) [Filter Reviews](#) +

THE PROJECT
IT Consulting Services for Ed Tech Company
IT Consulting & SI
\$200,000 to \$999,999
Mar. 2020 - Jan. 2021

THE REVIEW
4.0 ★★★★★
"They fully disclose what they're doing and why they're doing it."
Quality: 4.5
Schedule: 4.5
Cost: 4.0
Willing to refer: 4.5

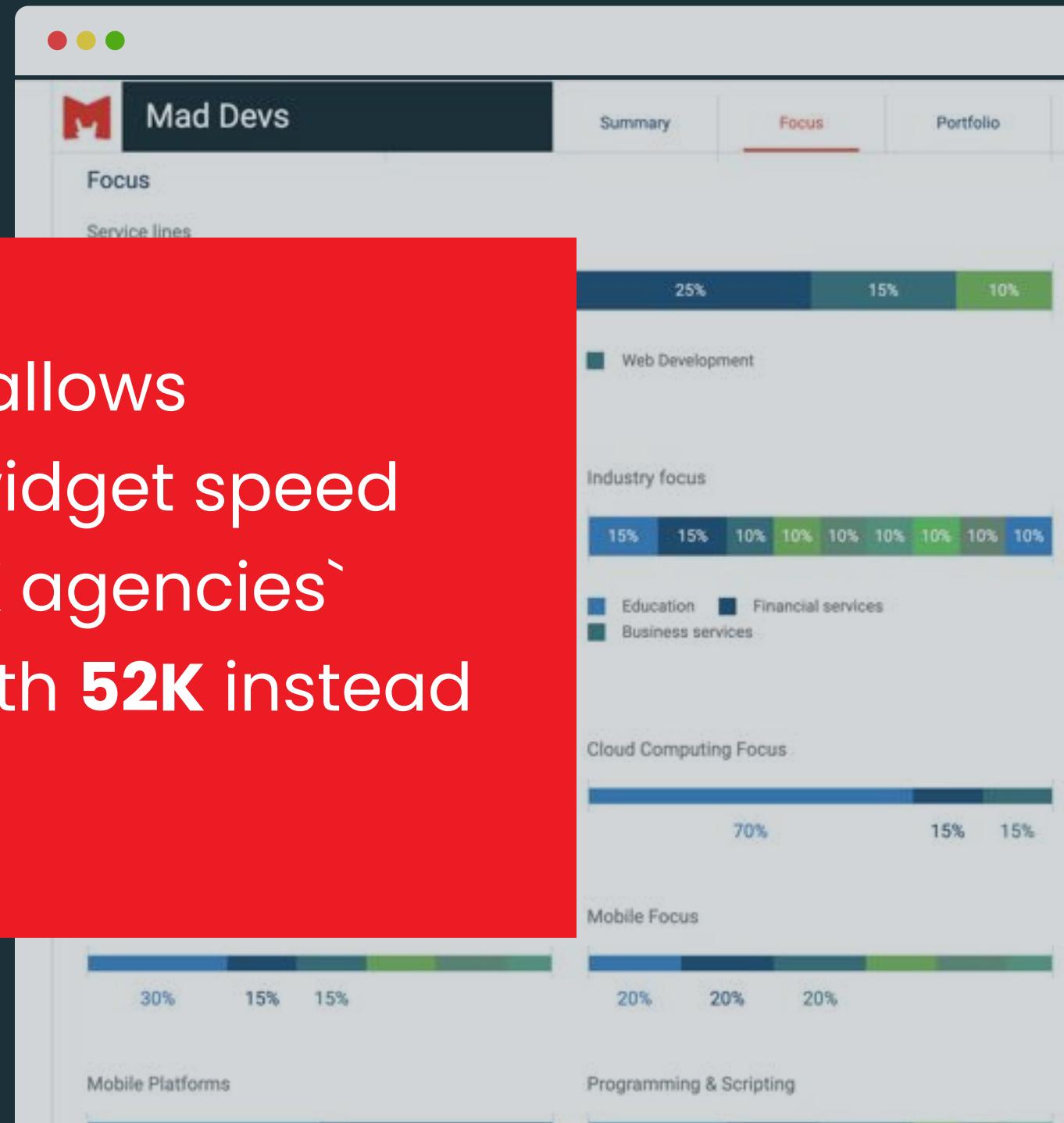
Project summary:
Mad Devs helped an education technology firm troubleshoot technology issues. They worked with the client's in-house engineering team to fix bugs in their products' code and build a unified learning platform.

Feedback summary:
With both parts of the engagement proving to be more complex than initially expected, Mad Devs performed well in making the development processes as easy as possible. They also delivered an impressive level of transparency, making sure the client always knew how many hours they worked on each task.

[Read Full Review](#) [Edit](#)

Reviews
5.0 ★★★★★
"I'm most impressed with their technical capacities."
Quality: 5.0
Schedule: 5.0
Cost: 4.0
Willing to refer: 5.0

Project summary:
Providing support services across three time zones, Mad Devs effectively deliver quality and timely support.



E-COMMERCE

VEEQO

Veeqo is an inventory and shipping platform for e-commerce. It helps businesses manage their sales across multiple channels, ship items via multiple carriers, process refunds, manage B2B orders, forecast inventory – the list of its features is almost endless.

The screenshot shows the Veeqo software interface. On the left is a dark sidebar with icons for Home, Inventory, Sales, Returns, Customers, and Settings. The main area has a blue header with the title 'Orders' and a sub-header 'Orders 1021 ...'. Below the header are 'Filter' and 'Search...' buttons. A summary section shows '10 out of 1021 orders'. The main table lists three orders:

Actions	Date	Status	Items	Customer
<input type="checkbox"/>	Apr 12 2021 6:33 PM	Waiting For Stock	#P-82013249 1 x APPLE MAGIC MOUSE [TEST] (Edited)	Jade Lund
<input type="checkbox"/>	Mar 18 2021 8:32 PM	Shipped	#P-79900021 1 x APPLE MAGIC MOUSE [TEST] (Edited)	Jade Lund
<input type="checkbox"/>	Mar 18 2021 8:31 PM	Payment Required	#P-79899921 1 x APPLE MAGIC MOUSE [TEST] (Edited)	Gary Newman

Veeqo directly integrates with the world's most popular retail applications, including e-commerce platforms, marketplaces, shipping carriers, and POS systems.

Our work with Veeqo was focused on infrastructure: we made the user experience smoother by reducing the search time from **30 seconds to 250–300 milliseconds**, and customers' costs reduced from approx. **\$20K** per month to **\$13K** per month within one summer only.

<input type="checkbox"/>		Mar 18 2021 8:32 PM	Shipped	#P-79900021 1 x APPLE MAGIC MOUSE [TEST] (Edited)	Jade Lundie	GB	UK Next Day	\$ 36.13	✓
<input type="checkbox"/>		Mar 18 2021 8:31 PM	Payment Required	#P-79899921 1 x APPLE MAGIC MOUSE [TEST] (Edited)	Gary Newman	GB	UK Next Day	\$ 36.13	✗
<input type="checkbox"/>		Mar 11 2021 2:58 AM	Ready To Ship	#P-79206345 1 x Adidas Sneakers RED Stan EU SIZE 46	Michelle company	GB	UK Next Day	£ 98.99	✓

Inventory Change Log						
Track changes in available stock levels from sales orders, purchase orders, warehouse transfers, inventory counts and more.						
All Changes ... Manual Inventory Changes Changes from Stock Take Received from Purchase Order						
DATE *	PRODUCT	SKU	PRODUCT COST PRICE	WAREHOUSE	QTY CHANGE	
Tue 23 Mar 2021 15:04				Main Warehouse	-1	71
Fri 26 Mar 2021 07:32				Main Warehouse	+1	72
Fri 26 Mar 2021 15:03				Main Warehouse	+1	48
Fri 26 Mar 2021 15:03				Main Warehouse	-1	48
Fri 26 Mar 2021 15:03				Main Warehouse	-1	48

Products - Inventory						
Track and manage inventory levels across all your product variants.						
All 603 ... Test force 309 Kit / Bundle 19 Out of stock 263 Low stock 3						
	All	Filter	Search...			
Actions	1 - 10 of 603 product variants					
Alerts	Variant	SKU	Warehouse	On hand	Committed	
<input type="checkbox"/>			All	983	2	
<input type="checkbox"/>			All	12	4	

FINTECH

ALFABANK

Alfabank is one of the leading financial institutions of its kind focusing on client's comfort, security, and the accessibility of the entire range of banking services. Now, Alfabank with the participation of Mad Devs has moved its mobile services to a different level.

The screenshot shows the homepage of the Alfa Bank website. At the top, there is a red header bar with the Alfa Bank logo and navigation links for Corporate Profile, Our Business, Investor Relations, Responsibility, and Press Center. Below the header, a large banner features a hand holding a smartphone displaying the Alfa-Bank mobile app interface. The banner text reads "Bank for Every Day" and "This is Alfa-Bank". A "Bank's Profile" button is visible. The main content area includes sections for "News & Events" (with a recent item about a bond issue), "Business Strategy", and "Corporate Governance".

Alfa Bank

Corporate Profile Our Business Investor Relations Responsibility Press Center

Bank for Every Day

This is Alfa-Bank

Bank's Profile

News & Events

19 Apr 2021

Alfa-Bank Successfully Closed USD 350 mln Basel III Compliant Subordinated Eurobond Issue

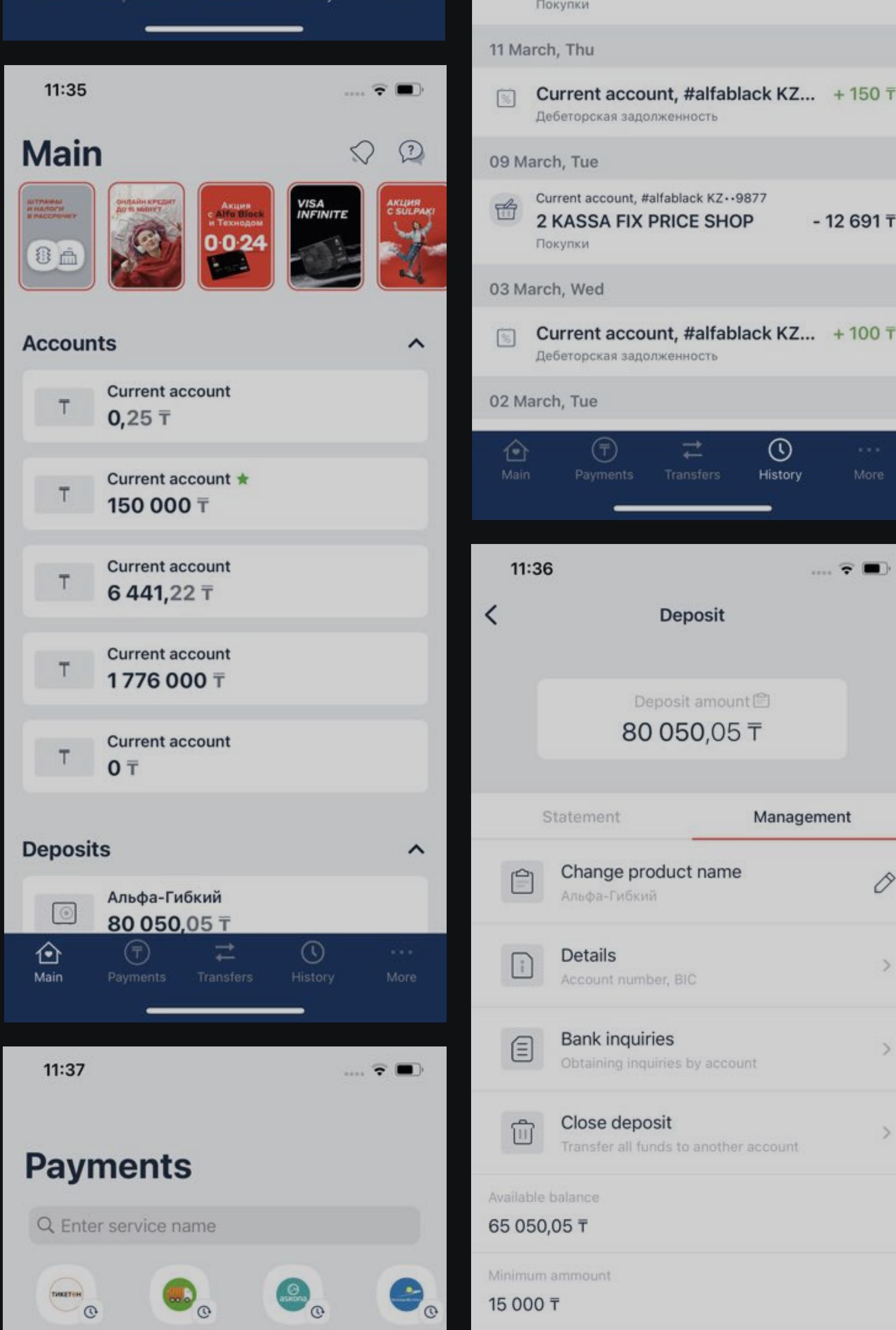
15 Apr 2021

Business Strategy

Corporate Governance

Users can get in touch with the bank customer support, use a new online debit card AlfaBlack, pay their mortgage, and access the entire bank functionality directly from their mobile devices.

The Mad Devs team has participated in the development of the AlfaBank mobile platform. Alfabank serves around 19M of clients all around the world. With the new functionality implemented, users can contact bank customer support, pay the mortgage, use an online bank card, and enjoy all the functionality of the Alfabank mobile platform.



E-COMMERCE



International Trade Centre
in collaboration with the European
Union has launched a project
Ready4Trade to contribute
to a sustainable and inclusive
economic development
in Central Asia.



The screenshot shows a web-based application for managing SMEs. The top navigation bar includes a close button, the ITC logo, and the text 'READY4TRADE CENTRAL ASIA'. On the left, a sidebar menu lists 'Home', 'Users', 'SME' (which is highlighted in blue), and 'Coaching Missions'. The main content area is titled 'SME' and contains a 'SME Search' section with fields for 'Company Name', 'Country', 'Added', 'Gender', and 'Status'. At the bottom, there are buttons for 'FIND SME', 'RESET SEARCH PARAMETERS', '+ ADD SME', 'IMPORTING IAQ', and 'IMPORTING PMQ'. The footer of the page is labeled 'Developed by Mad Devs'.

International Trade Centre in collaboration with the European Union has launched a project Ready4Trade to contribute to a sustainable and inclusive economic development in Central Asia. To enable ITC to address the challenges connected with the company's presence in the region, Mad Devs developed a web application to automate all the processes that were performed manually.

The web application allowed to improve reporting and coordination by enabling specialists tracking their activities in electronic form, generating valuable data that is analysed and disseminated quickly and conveniently.

Our specialists have addressed such challenges as calculating mission statistics, statuses, outputs, storing, using, disseminating of data by developing a web app to automate all the processes. A **200**-pages manual that needed to be filled in by each coach was replaced by a digital one, and more than **200K** sheets of paper needed for running a paper-based version of the R4TCA EMCI component were replaced with a web app.

The screenshot shows a web application interface for the Ready4Trade Central Asia (R4TCA) project. At the top, there are search filters for 'Country' (Uzbekistan), 'Status' (Ongoing), and 'Added' date. Below the search bar are buttons for 'FIND SME', 'RESET SEARCH PARAMETERS', '+ ADD SME', and three import buttons for 'IAQ', 'PMQ', and 'SME PROFILE'. The main content area features a banner for 'COACHING MANUAL FOR EXPORT MANAGEMENT COACHES' and 'READY4TRADE CENTRAL ASIA (R4TCA)'. It includes sections for 'Reference Stats' and 'User Stats', both showing a single data point. A large image of a person working in a warehouse is displayed. A detailed description of the project follows:

The International Trade Centre (ITC) is currently implementing the EU-funded regional ReadyforTrade Central Asia (R4TCA) Project to support the development of intra-regional and international trade in five Central Asian (CA) countries. This four-year initiative (2020-2023) consisting of five components is aiming at addressing regulatory and procedural obstacles to trade, strengthening capacity to comply with trade formalities and standards, improving cross-border e-commerce whilst increasing women-led enterprise participation in international trade. The ITC Export Management Coaching Initiative (EMCI) is focused on providing on-the-job coaching services to SMEs to improve

Below this, a table lists mission details:

EMC:	Country	Added	Started	Finished	Completion	CM Status
	Uzbekistan	06.04.2021	10.05.2021	10.06.2021	80.00%	Ongoing

At the bottom, there are buttons for 'PMQ COMMENT', 'CM REPORT', 'COMPLETE CM', 'VIEW', 'SME PROFILE', and 'DELETE'.

E-LEARNING

TOPICA

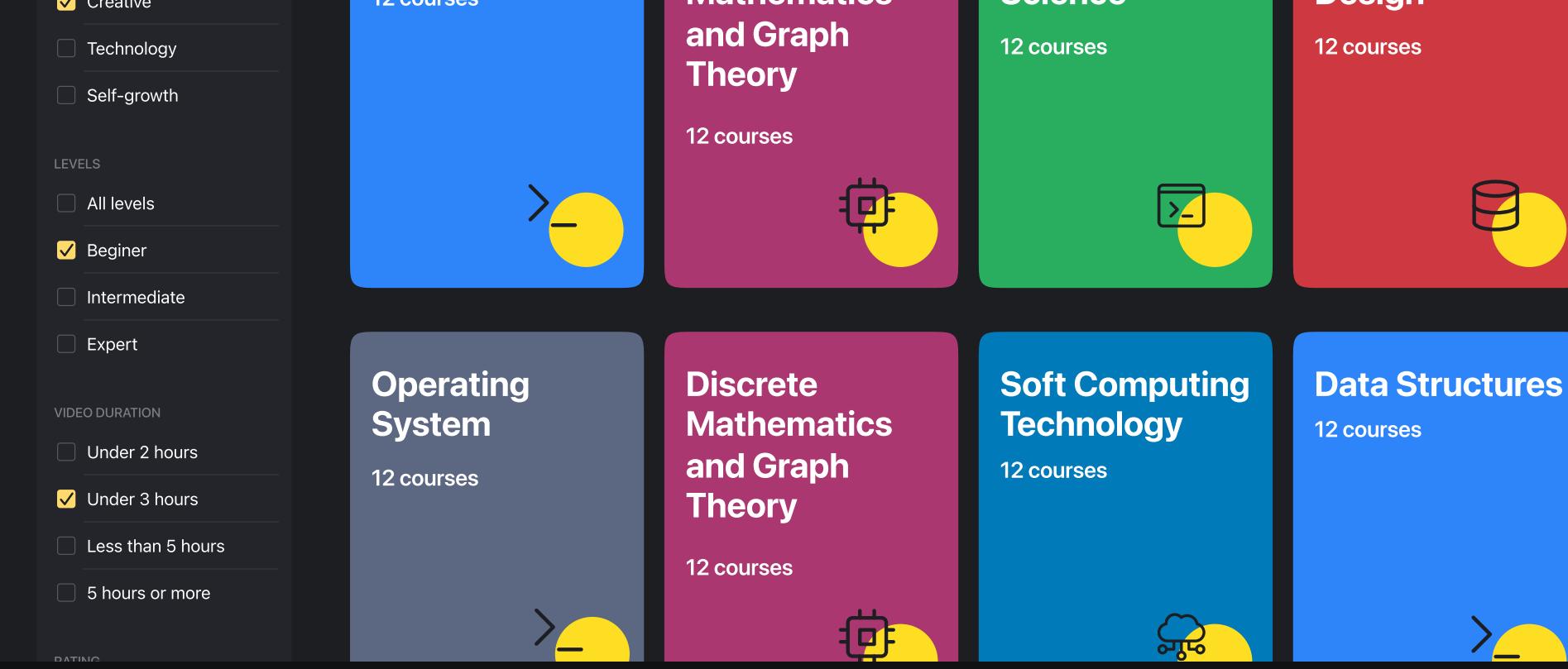
Topica aims at delivering top-quality educational services to all population layers. The company provides lessons online to students all around the world.

TOPICA

The screenshot shows the TOPICA mobile application's user interface. At the top, there is a navigation bar with the TOPICA logo, a search bar, and three icons: 'Interest' (two circles), 'Wishlist' (heart), and 'My Courses' (triangle). Below the navigation bar, the screen displays a search result for 'Discrete Mathematics and Graph Theory'. On the left, there is a sidebar with filtering options: 'INTERESTS' (Business, Creative checked, Technology, Self-growth), 'LEVELS' (All levels, Beginner checked, Intermediate, Expert), 'VIDEO DURATION' (Under 2 hours, Under 3 hours checked, Less than 5 hours, 5 hours or more), and 'RATING' (4.5 stars or more). The main content area shows a grid of course cards. The first card is for 'AWS Certified Solutions' (Business, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The second card is for 'AWS Certified Solutions' (Creative, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The third card is for 'AWS Certified Solutions' (Technology, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The fourth card is for 'AWS Certified Solutions' (Self-growth, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The fifth card is for 'AWS Certified Solutions' (Personal, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The sixth card is for 'AWS Certified Solutions' (Music, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The seventh card is for 'AWS Certified Solutions' (Business, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The eighth card is for 'AWS Certified Solutions' (Business, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The ninth card is for 'AWS Certified Solutions' (Business, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮. The tenth card is for 'AWS Certified Solutions' (Business, Beginner, Under 3 hours, 4.5 stars) with a price of 249,000 ₮.

Mad Devs have contributed to the service provider development with DevOps and backend development services. Our specialists were responsible for the development of Android and iOS apps to enable wider population layers access Topica's services.

The Mad Devs developers assisted Topica in boosting the user experience from using the company's services by providing DevOps and backend development services. And fully functional iOS and Android apps make the educational services accessible to wider population layers.



A screenshot of the Topica platform showing a teacher profile for Courtney Henry. It includes a profile picture, a bio about colors, and a list of top courses such as AWS Certified Solutions, a flower image, and a person's face.

A screenshot of the Topica platform showing a course page for the Digital Marketing Program. It includes an objective section, course duration (5 hrs 32 min), and a skills guarantee section.

BLOCKCHAIN

MYTHX

MythX is a premium security analysis service for Ethereum. The main aim of the service is to prevent developers from making costly mistakes and make Ethereum a more secure platform.



MythX Dashboard

Logout

REPORT 4D5F97E8-ECoA-4757-BBB1-1C62BA475561
19:36 7/11/2019

COPY FULL REPORT

DETECTED ISSUES

2 High 4 Medium 2 Low

ID	SEVERITY	NAME	FILE	LOCATION
SWC-101	High	Integer Overflow and Underflow	old_blockhash.sol	L: 23 C:
SWC-105	High	Unprotected Ether Withdrawal	old_blockhash.sol	L: 33 C:
SWC-120	Medium	Weak Sources of Randomness from Chain Attributes	old_blockhash.sol	L: 29 C:
SWC-120	Medium	Weak Sources of Randomness from Chain Attributes	old_blockhash.sol	L: 23 C:

Mad Devs have contributed to the MythX mission with backend development services, support of the API server to analyze vulnerabilities in smart contracts code. MythX also uses billing services, and applies authentication and authorization procedures developed by our specialists.

Our specialists have contributed to the quality of the services provided by MythX and have assisted in the facilitation of billing and authentication procedures.

integer overflow. Prevent the overflow by checking inputs or ensure sure that the overflow assertion.

See test cases

Instructions to reproduce this vulnerability (Test Case 1)

0: Creation Tx [Show full data](#) 

3

```
guesses[msg.sender].block = block.number + 1;
```

 MythX Dashboard

 ANALYSES 5DC4718BC209FE0011BB552C

SUBMITTED AT

Source File	Scan	Submitted at	Detected Vulnerabilities
suicide_multitx_feasible.sol	Quick	11/7/2019, 7:40:49 PM	High: Medium: Low:
Algorithm.sol	Quick	11/7/2019, 7:40:11 PM	High: Medium: Low:
BytesUtils.sol	Quick	11/7/2019, 7:39:09 PM	High: Medium: Low:

WHAT MAKES US STAND OUT

We focus on value. By value, we mean the characteristics of a product we're building that can make it successful in the market.

Our goal, therefore, is not to merely meet the technical requirements but to recognize the business needs of our customers and work collaboratively towards meeting them.

Mad Devs' internal business processes imply close cooperation with the customer and constant critical reassessment of what needs to be done in a project.

Our approaches best fit highly-loaded and enterprise-level projects.

CONTACT US

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+44 20 39848555

 [Messenger](#)

 [Telegram](#)

 [WhatsApp](#)

 [WeChat](#)

