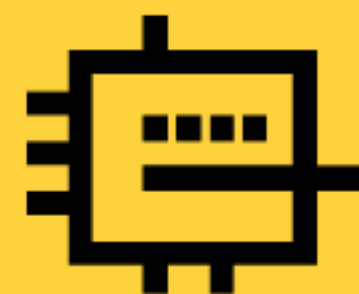


**SPIDER GROUP®**  
APPS · AI · AR · IOT  
[WWW.SPIDER.RU](http://WWW.SPIDER.RU)

**Mobile applications, augmented reality,  
internet of things, industrial internet of things  
and artificial intelligence solutions.**

© 2000–2021  
Spider Group



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APPS · AI · AR · IOT

## About Us



**years experience**



**successful projects**



**mobile apps**

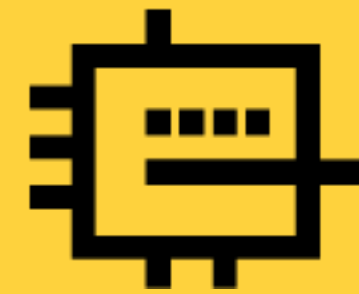


**awards**

Spider Group has always offered business solutions to pressing issues. In the early 2000s, we created the first websites and corporate portals for commercial and government agencies in Russia. In the 2010s, we produced interactive applications, projection, holographic complexes, multimedia systems for international exhibitions and forums.

Since 2010, Spider Group has been developing mobile applications, AR projects, as well as solutions in the field of consumer, industrial IoT and AI. The choice of these technologies is due to their disruptive potential, transforming entire industries on the way to new levels of efficiency.

**Our capabilities are your success**



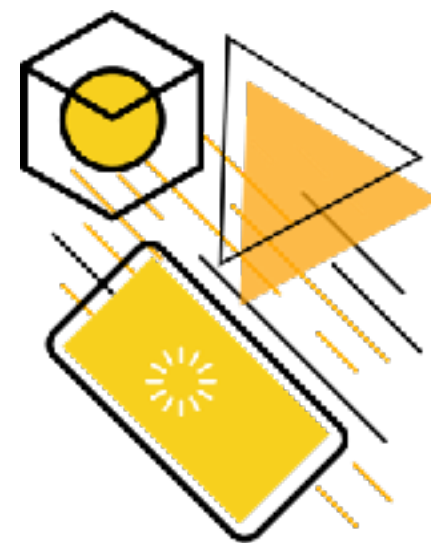
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## Key areas



### 1. Mobile apps

We develop fast and effective mobile solutions of any complexity for industrial, fintech, e-commerce, foodtech and other industries



### 2. Augmented reality

Our visualization involves with content, helps you understand complexities, shows the invisible and new, presents and sells products in the best possible way



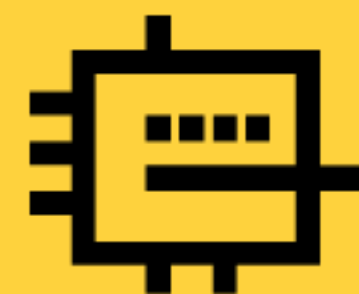
### 3. Artificial intelligence

We automate processes, organize searches, digitization, mapping and data analysis, create recommendation services, provide guidance, and decision support services with the help of neural network and bots



### 4. Server side development, API

This is the intelligence that is responsible for processing customer requests, the application speed. Therefore, it is important that the architecture of the server application is well thought out to ensure that even highly loaded services run smoothly and quickly



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**Mobile development is the main focus.**  
**Our applications are functional, user-friendly and attractive**

## Development stages



### 1. Business analysis

Exact formulation of the task

 2–3 weeks



### 2. UX&UI design

UX designer creates smart and user-friendly interfaces. UI designer makes such interfaces attractive

 From 3 weeks



### 3. Coding

Coding is a key stage of project implementation

 2–3 months



### 4. Testing

Testing the project before and after its' launch is a guarantee of performance in all conditions

 Up to 30% from development stage



### 5. Launching

Testing app build to receive and ensure smooth integration for business processes. Final launch in stores

 1–7 days



### 6. Operation and Maintenance

Mobile applications and related infrastructure require regular support

 Minimum support time — 6 months



## Mobile development tools



### iOS

- **Development environment:** XCode
- **Design patterns:** MVP, MVVM
- **Programing languages:** Objective-C, Swift
- **Databases:** CoreData, SQLite, Realm
- **Technologies:** Dependency Injection, Reactive Programming, OpenCV, Unit Testing
- **AR SDK:** ARKit, Vuforia



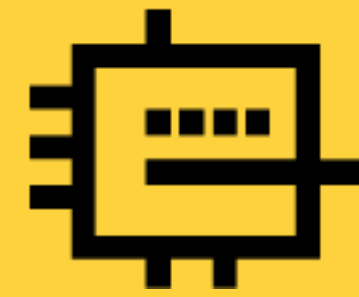
### Android

- **Development environment:** Android Studio
- **Design patterns:** MVP, MVVM
- **Programing languages:** Java, Kotlin
- **Databases:** SQLite, Realm, Room
- **Frameworks and libraries:** Dagger2, ButterKnife, Retrofit 2, Glide
- **Technologies:** Dependency Injection, Reactive Programming, OpenCV, Unit Testing
- **AR SDK:** ARCore, Vuforia



### Back-end

**Programing language:** Python  
**Frameworks:** Django, Django REST Framework  
**Documentation:** Swagger  
**Message Queues:** Celery + Redis  
**Containerization:** Docker/Docker-compose  
**Databases:** PostgreSQL, MySQL



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## Our Team

### iOS Developers



**Mobile team lead,**  
Senior developer

1

Middle developer

2

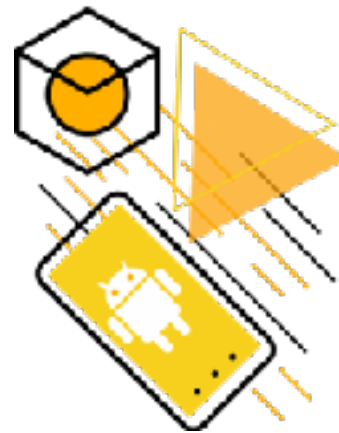
Junior developer

1

**QA engineers**

2

### Android Developers



Senior developer

1

Middle developer

2

Junior developer

1

**Business analysts**

2

### Back-end Developers



**Team leader,**  
senior developer

1

Senior developer

1

Middle developer

1

Junior developer

2

**Project managers**

5

### UX&UI Designers



**Art director,**  
Senior designer

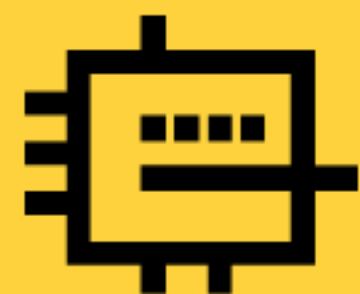
1

Middle designer

2

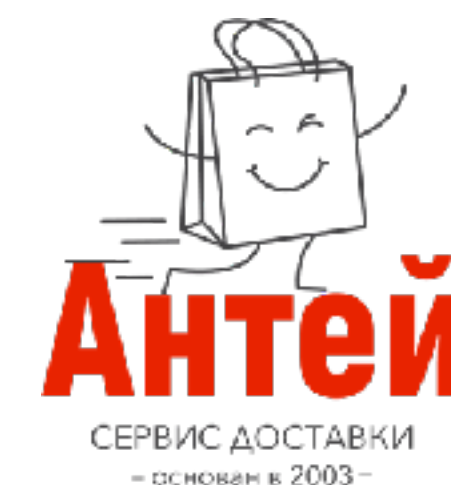
Junior designer

1



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## Our clients





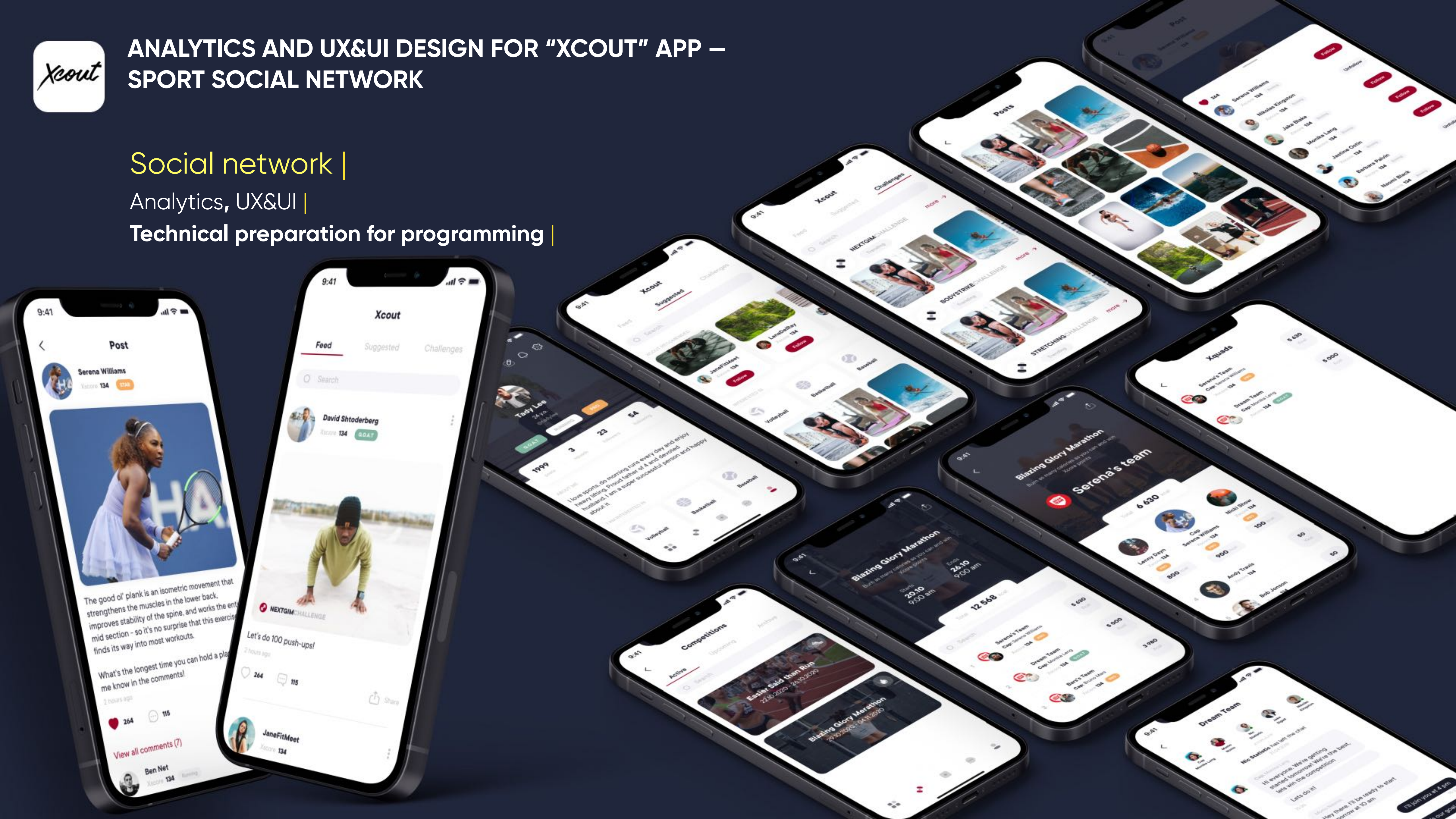


# ANALYTICS AND UX&UI DESIGN FOR "XCOUT" APP – SPORT SOCIAL NETWORK

Social network |

Analytics, UX&UI |

Technical preparation for programming |





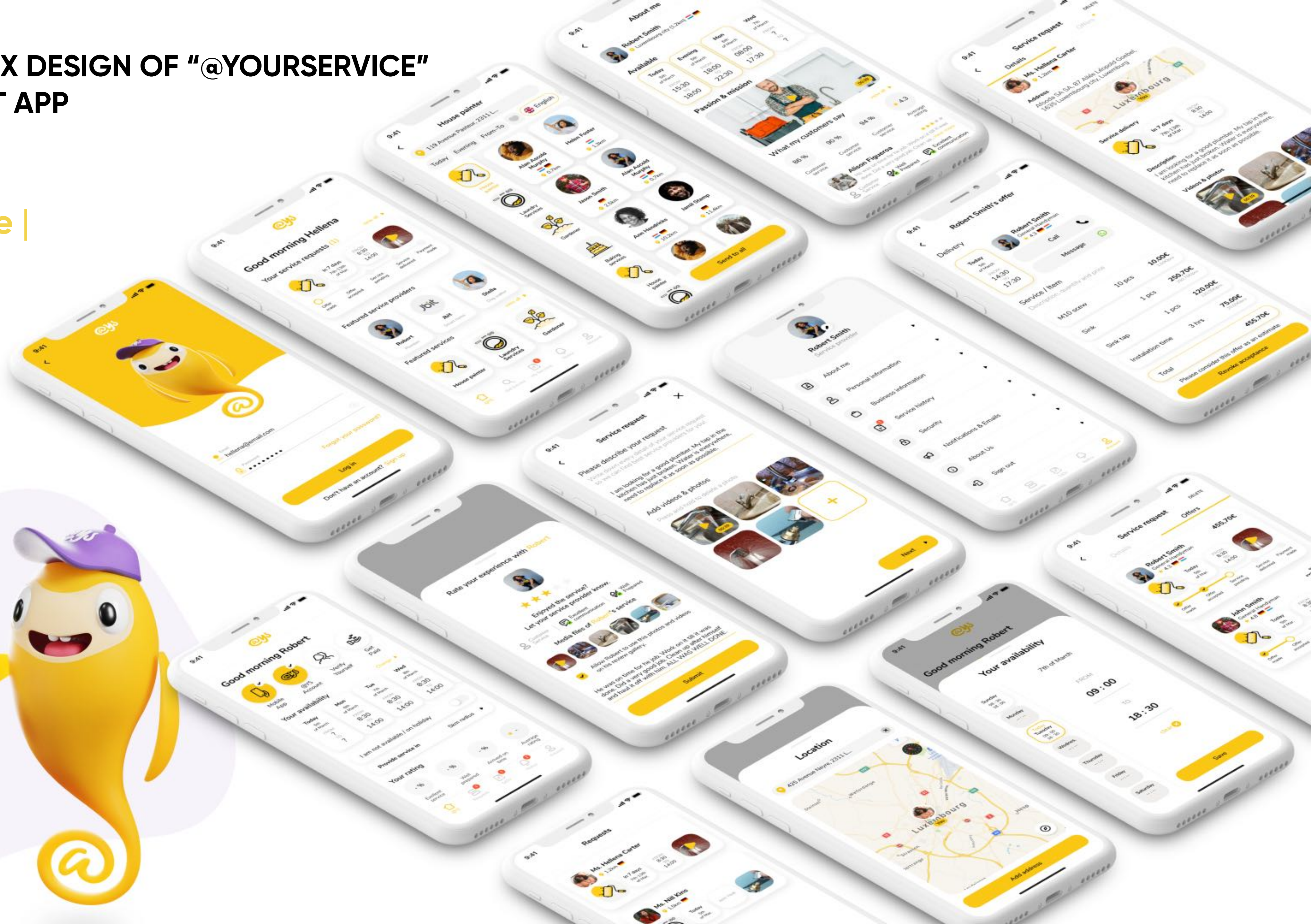


# ANALYTICS, UX DESIGN OF "@YOURSERVICE" RECRUITMENT APP

E-commerce |

Analytics, UX |

Development |





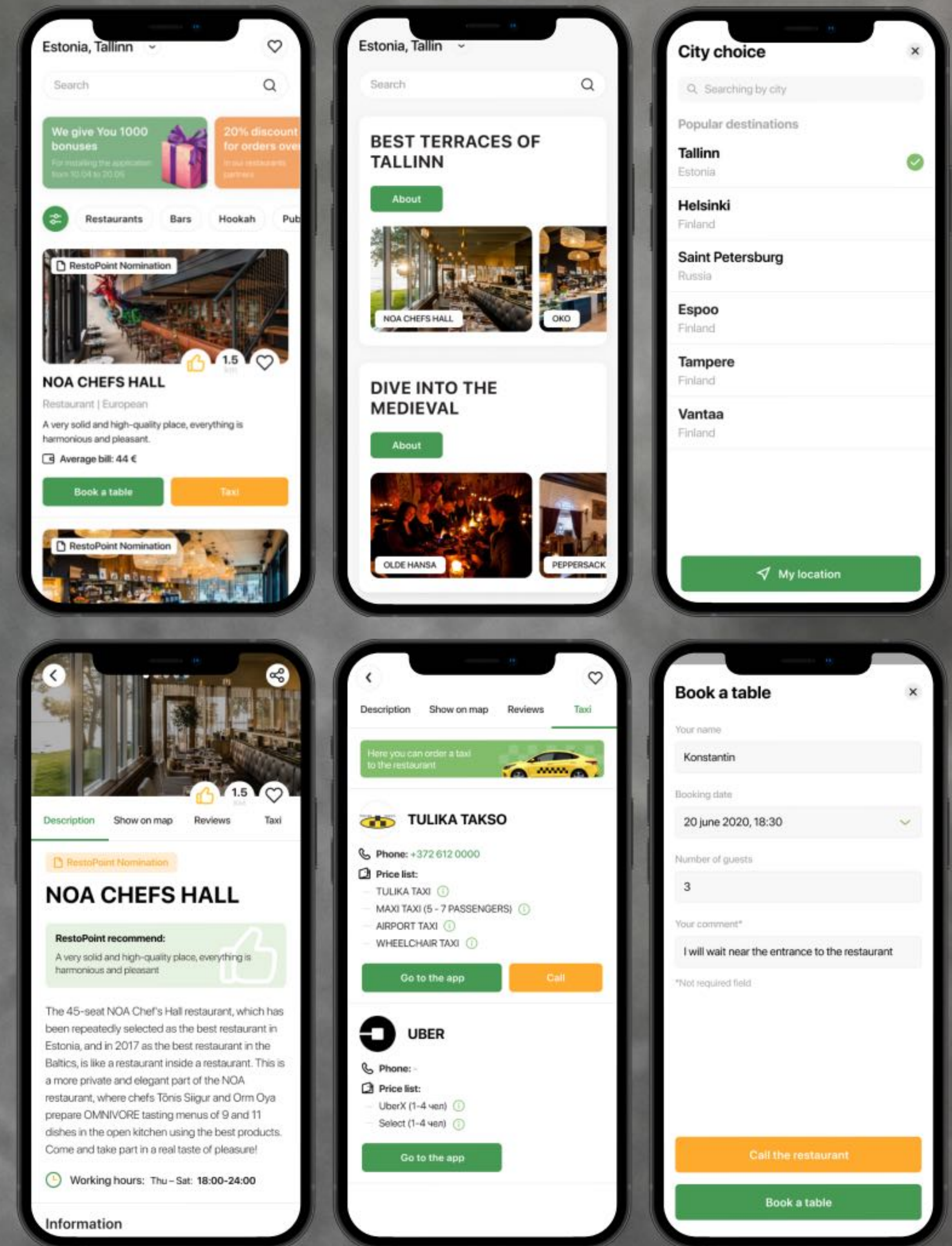


# ANALYTICS, UX&UI DESIGN OF "RESTOPOINT" PROFESSIONAL RATING OF ENTERTAINMENT FACILITY APP

E-commerce |

Analytics, UX&UI |

Technical preparation for programming

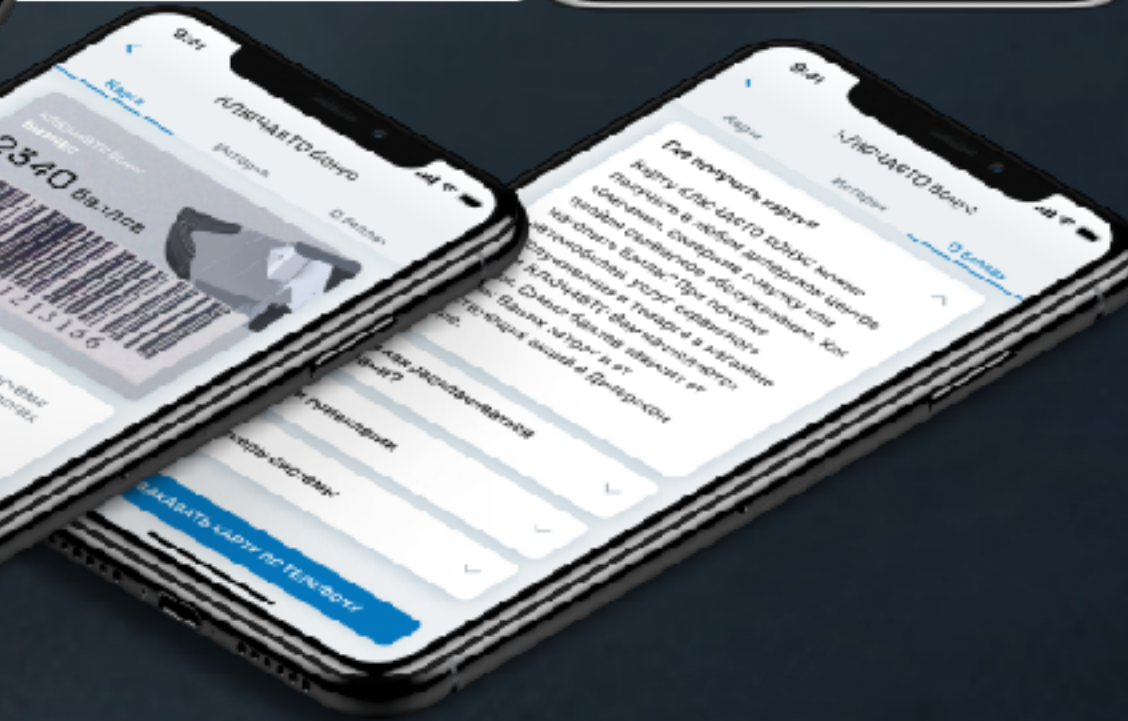
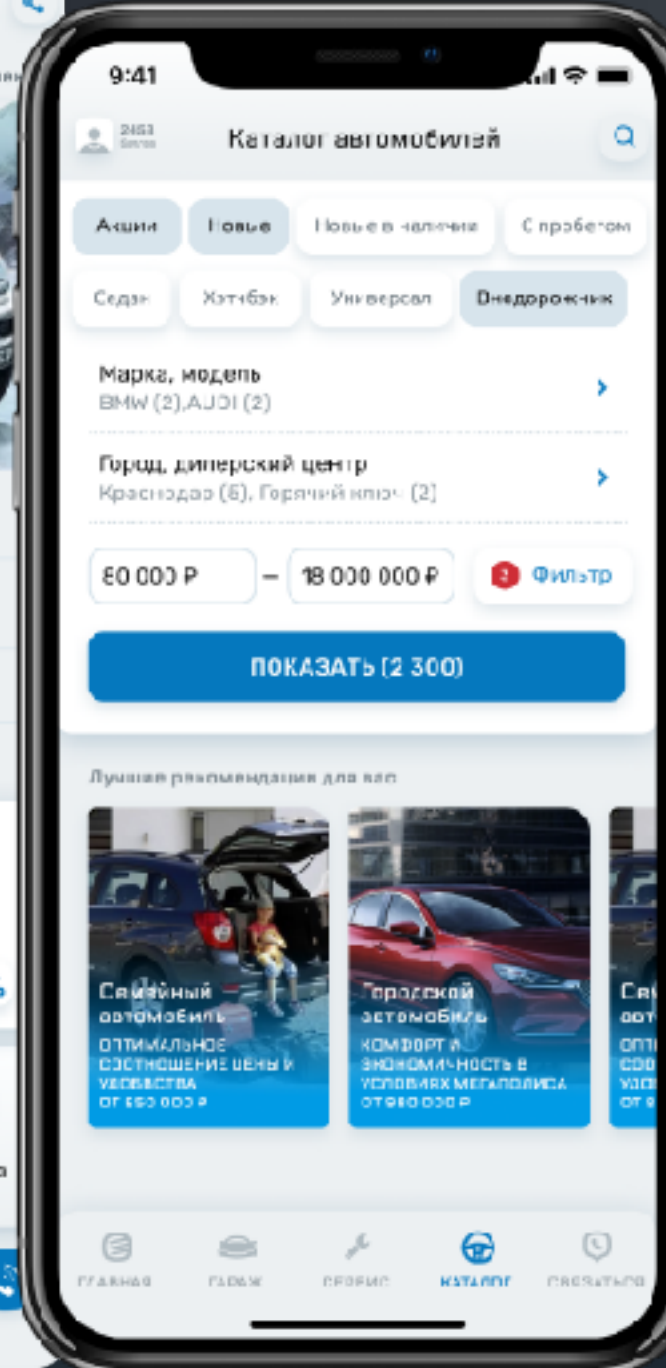
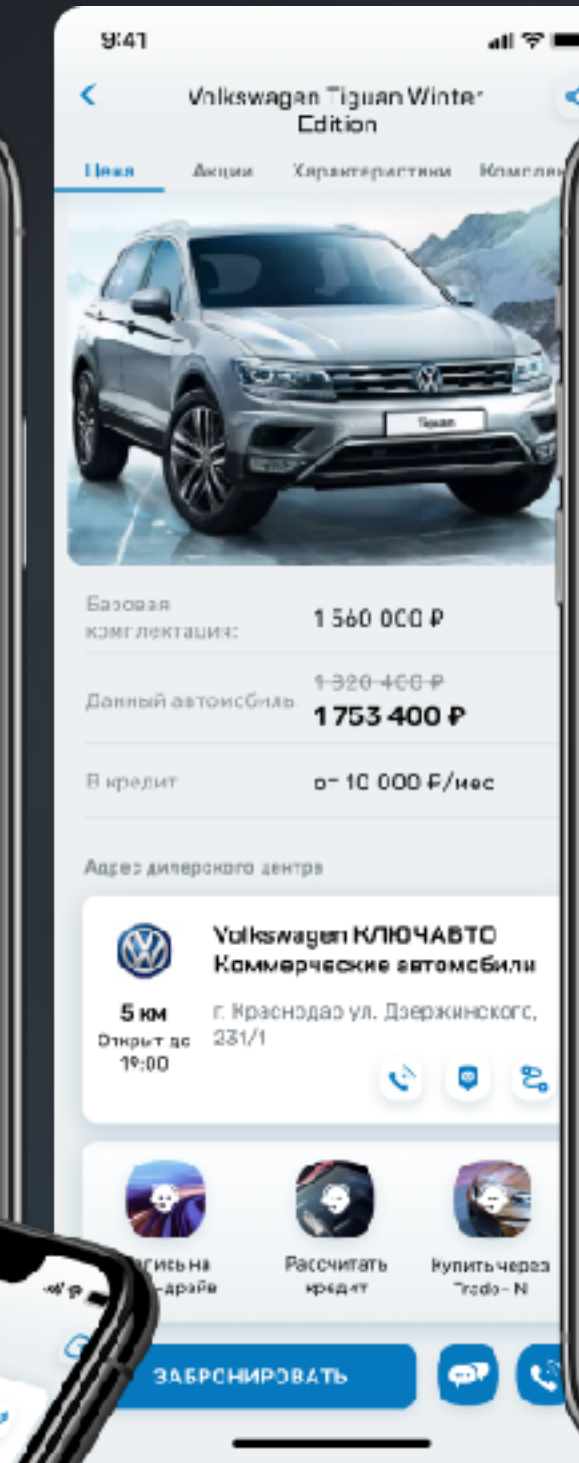
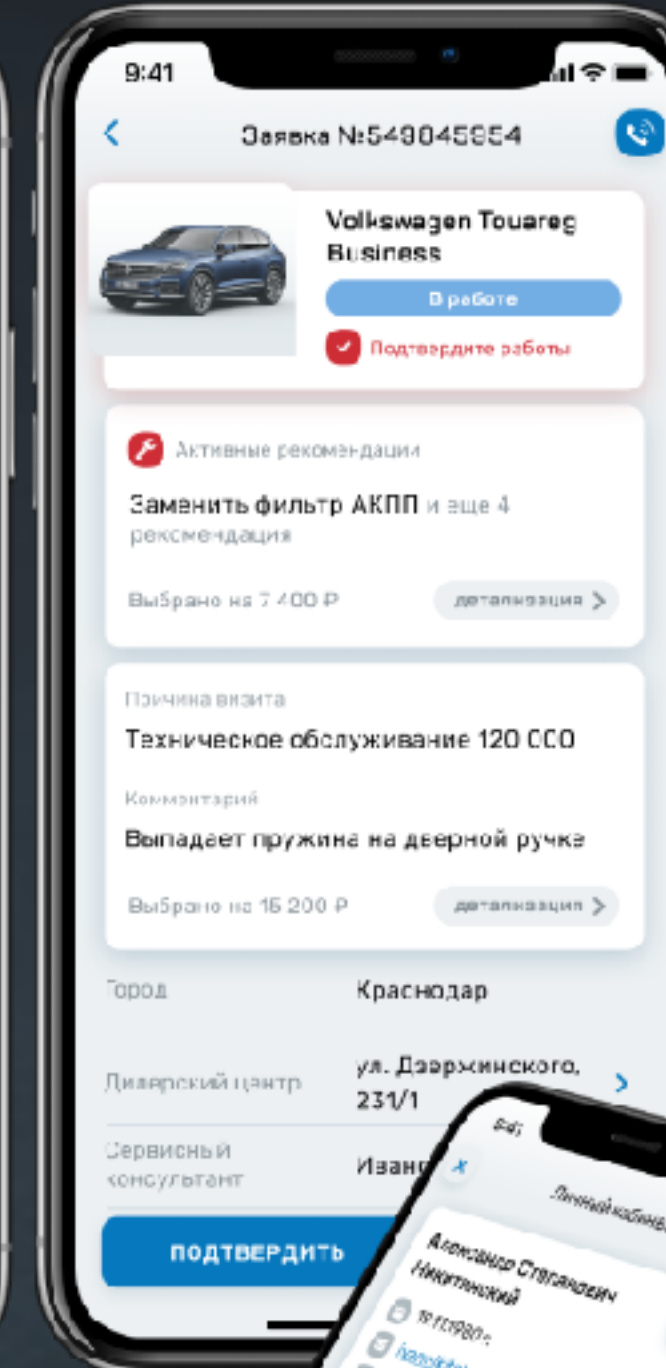
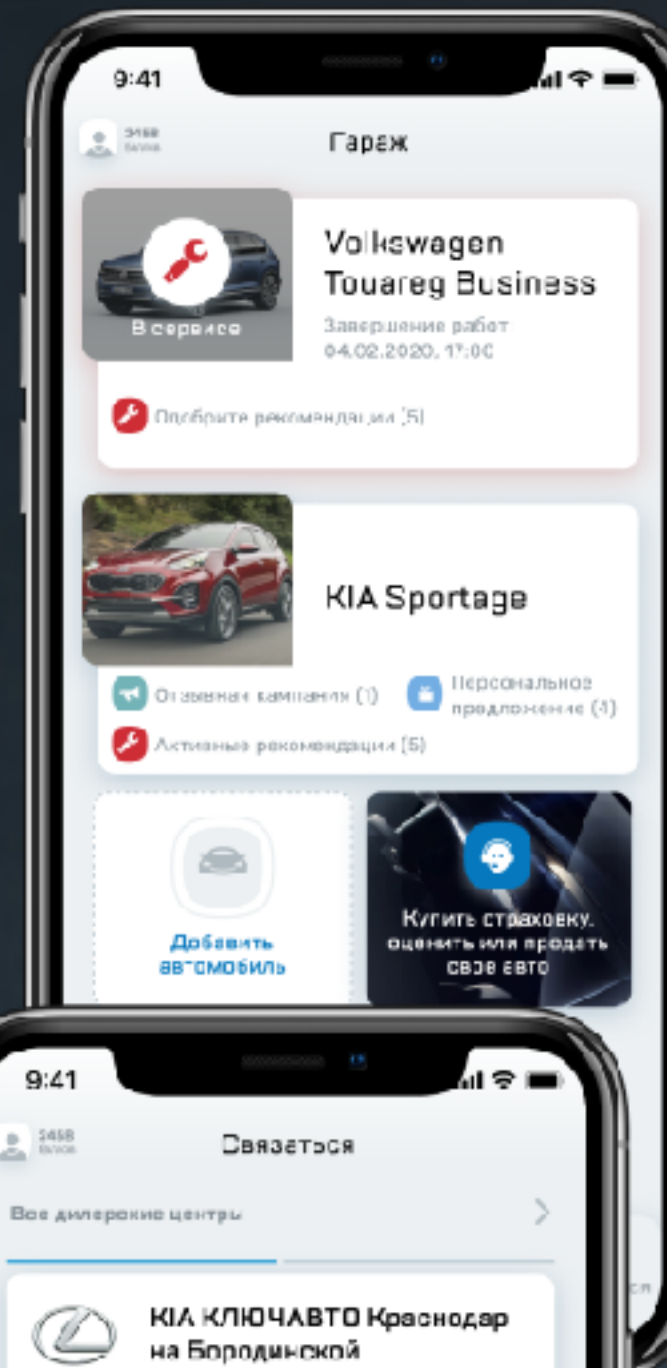
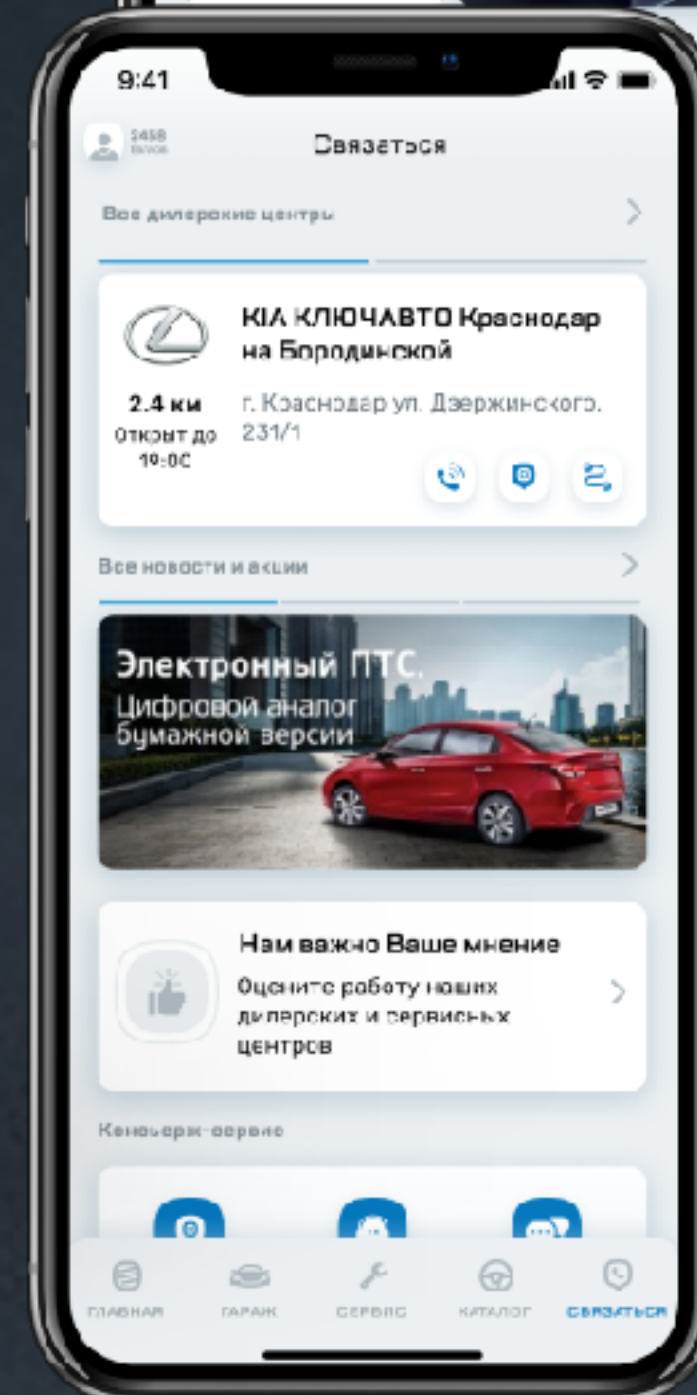
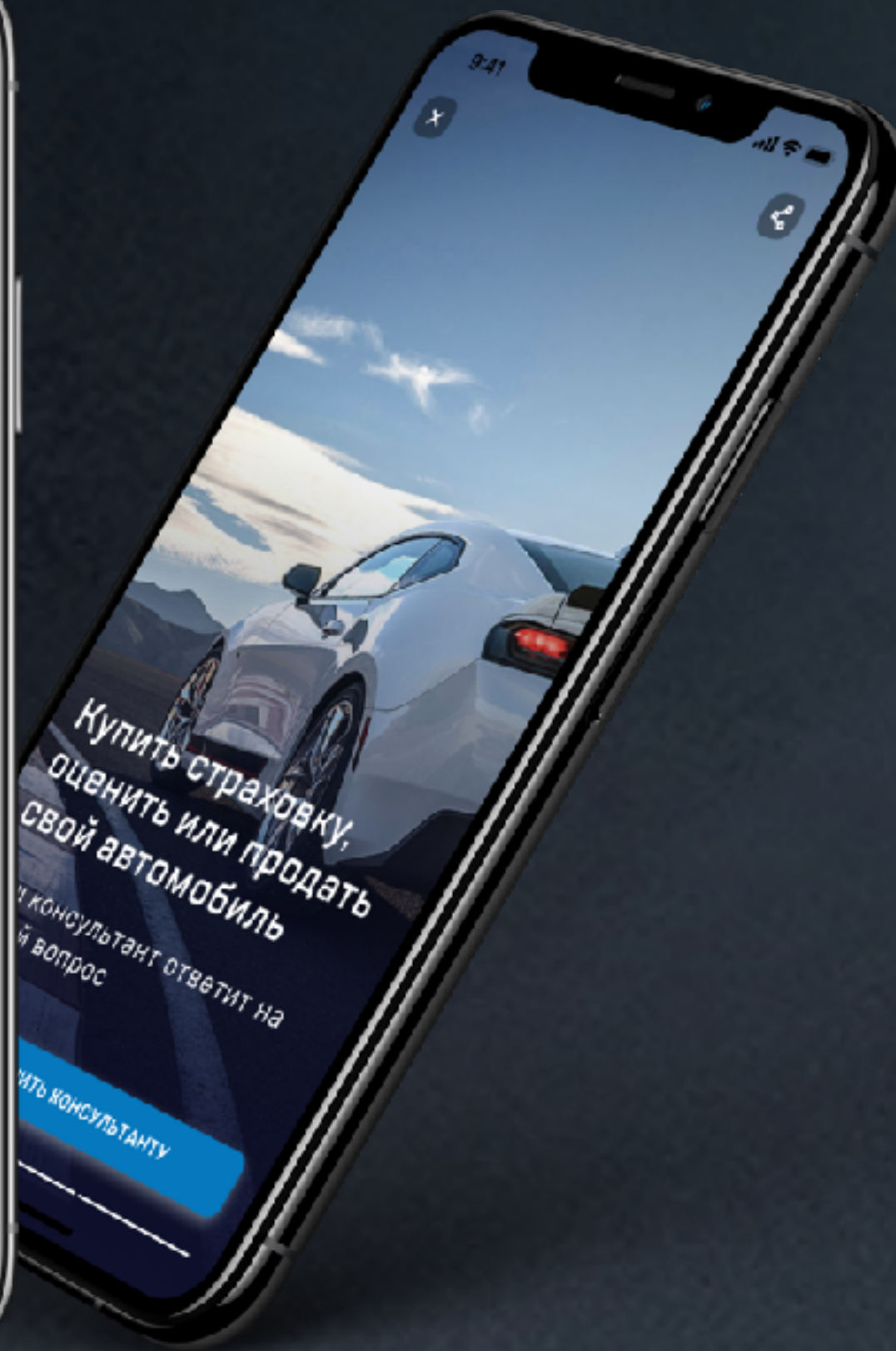
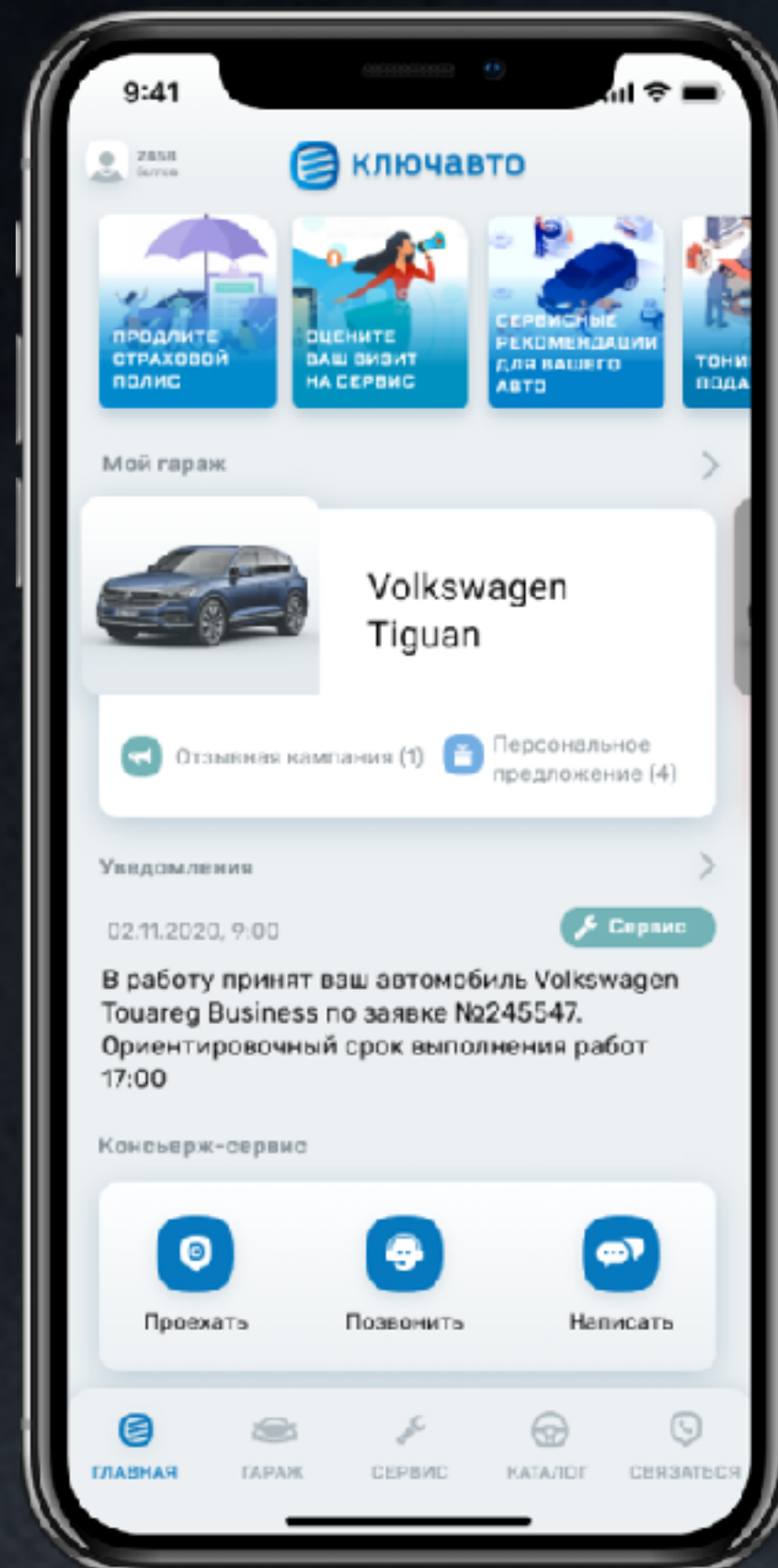






## MOBILE APP OF "KLYUCHAVTO" CAR DEALER

E-commerce |  
Analytics, Design |  
Development | Project team: 13 people







# UX&UI OF FACILITY CONSTRUCTION CONTROL APP FOR GASPROJECTENGINEERING

E-commerce |  
UX&UI |







# MOBILE APP AND WEBSITE SECTION FOR "SROCHNODYENGI" MICRO AND SHORT-TERM LOANS SERVICE

E-commerce |  
Analytics, UX&UI, development

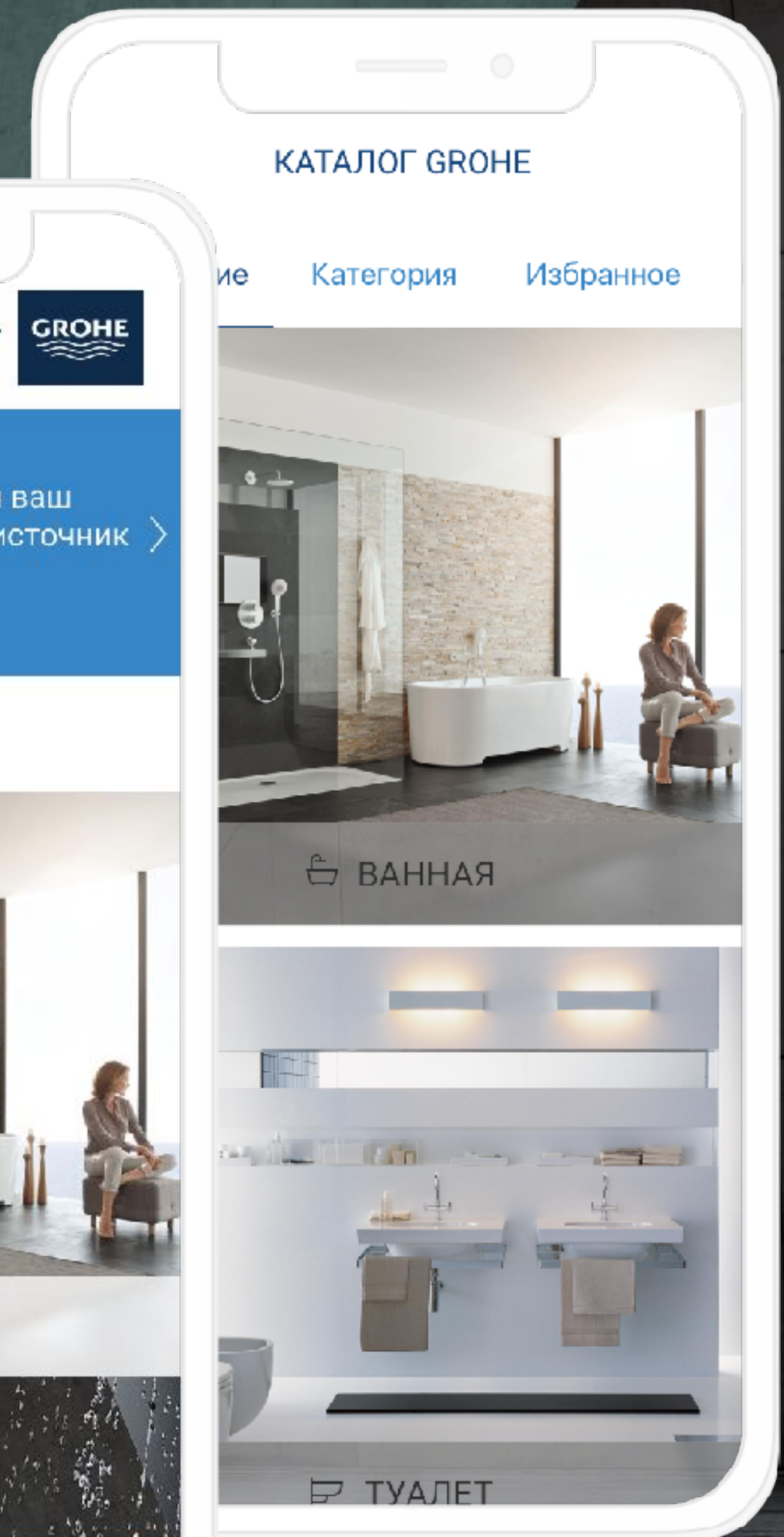
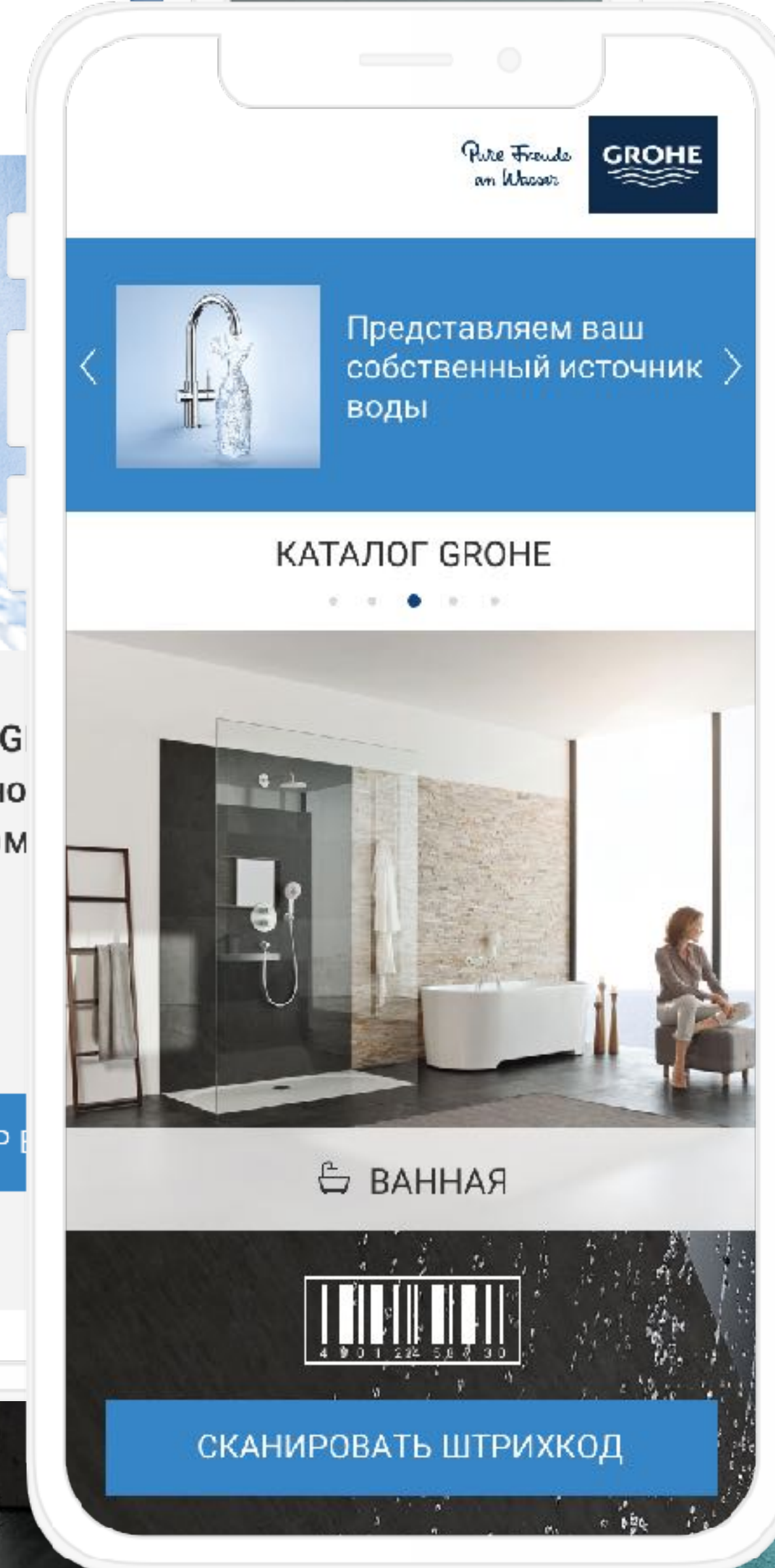






# E-commerce

# Analytics, UX&UI, development



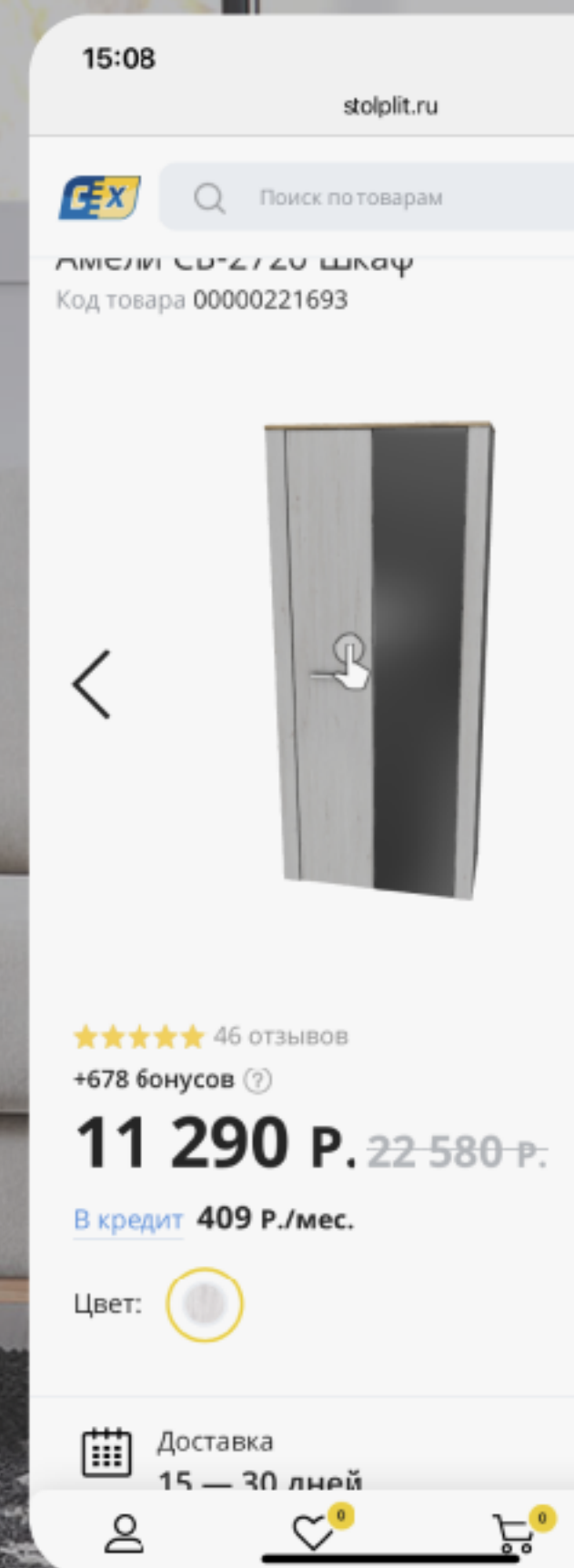
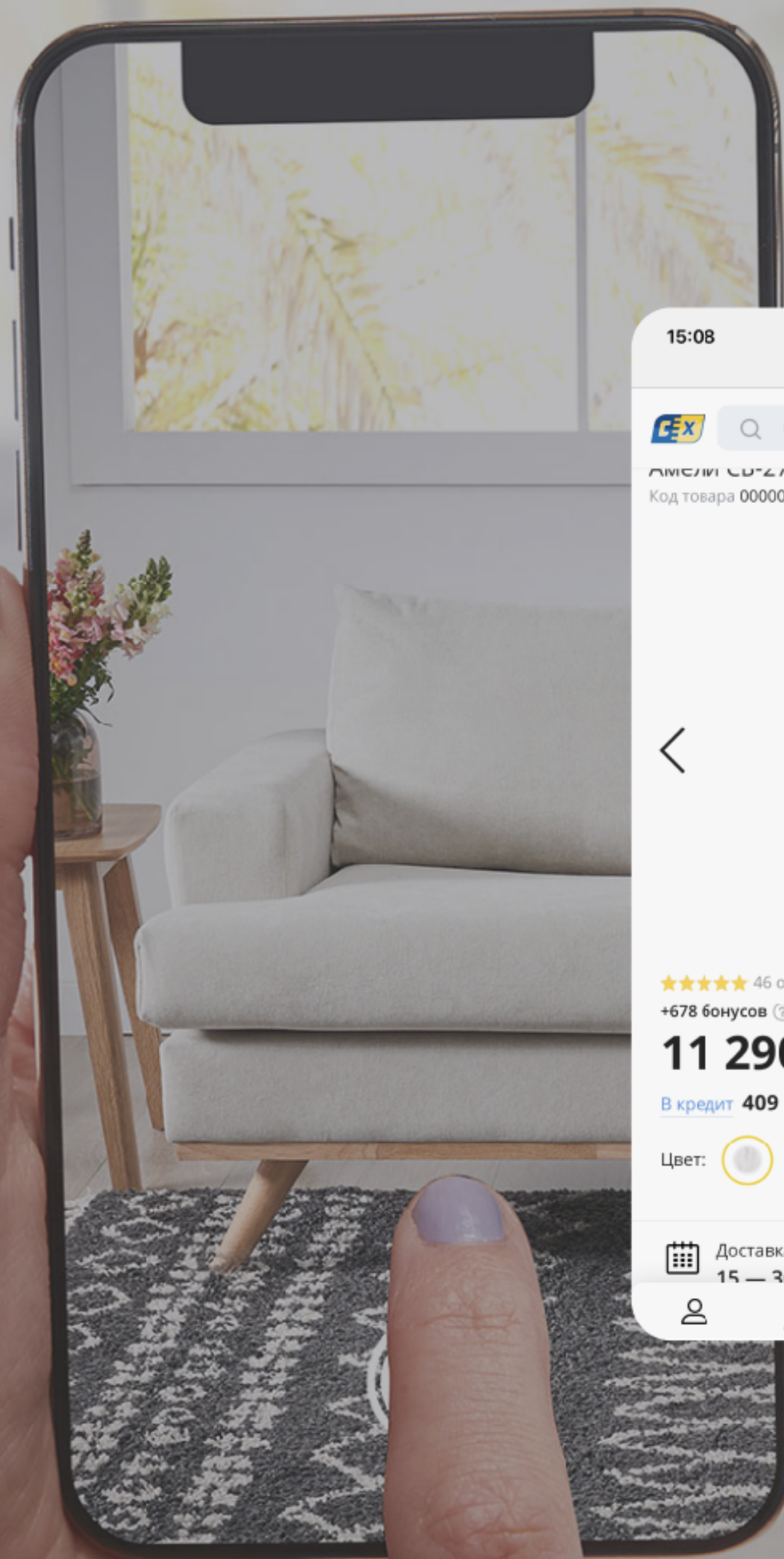




## AR AND VISUAL SEARCH MODULES FOR "STOLPLIT" MOBILE APP

**E-commerce |**

AR module development |  
Visual search development

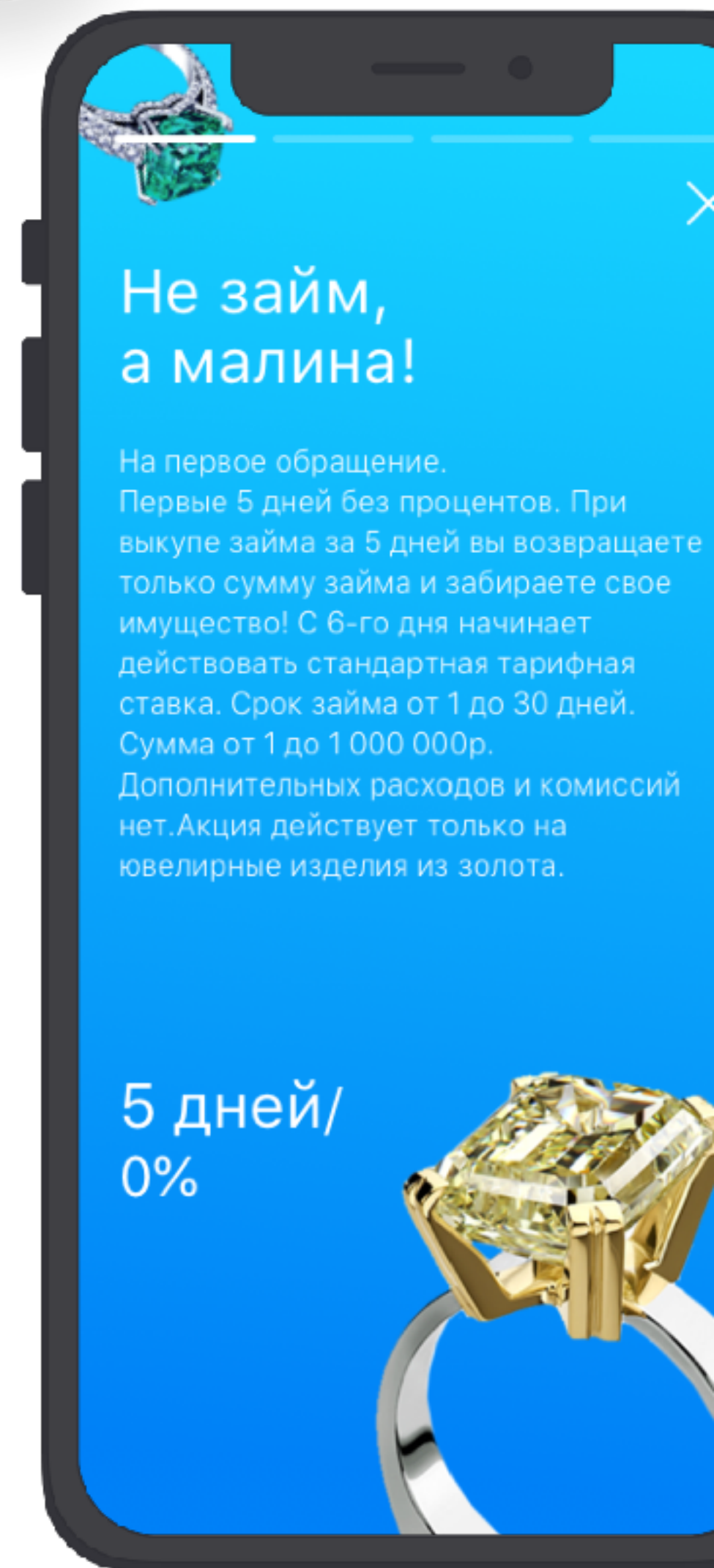
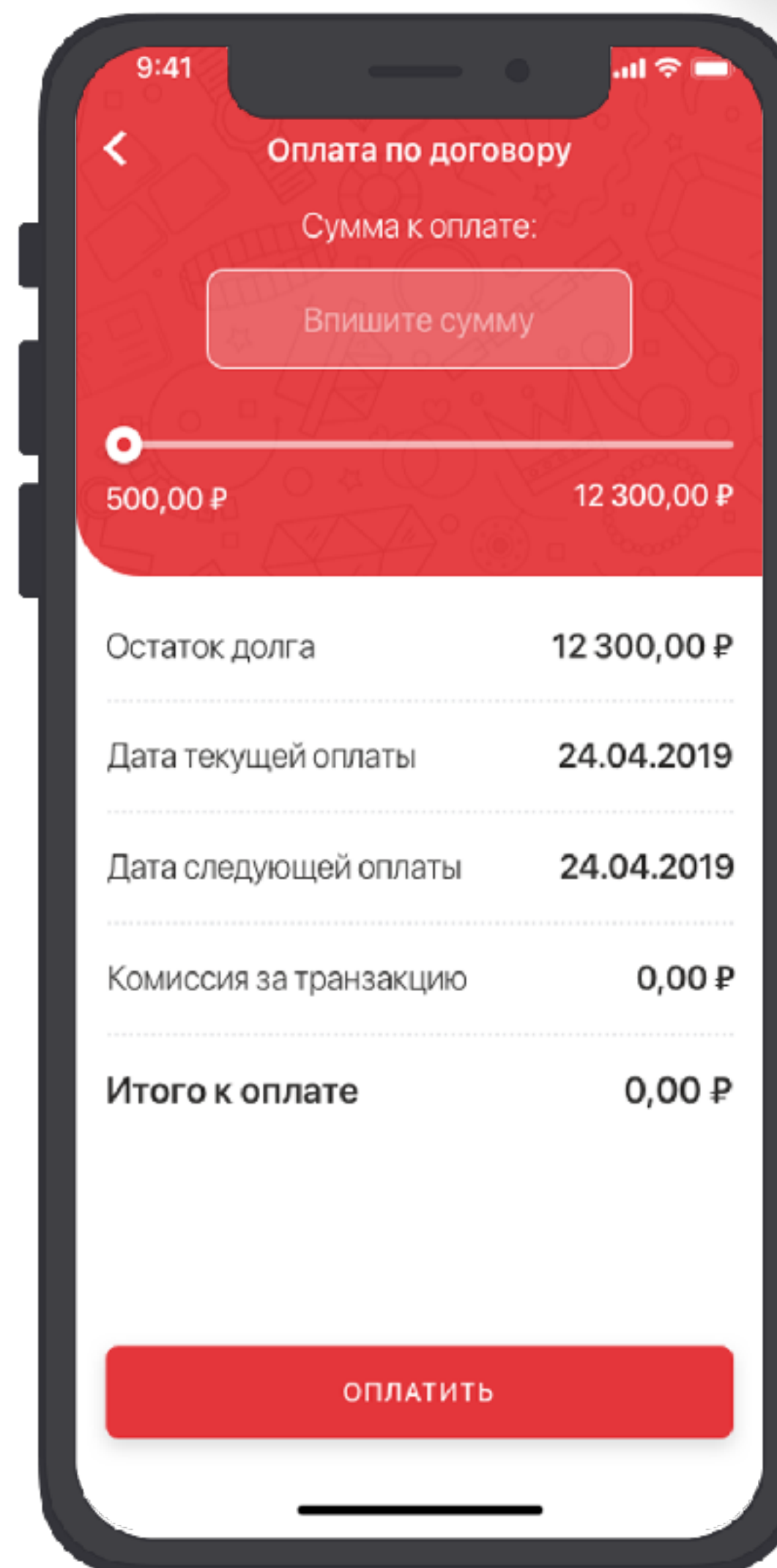
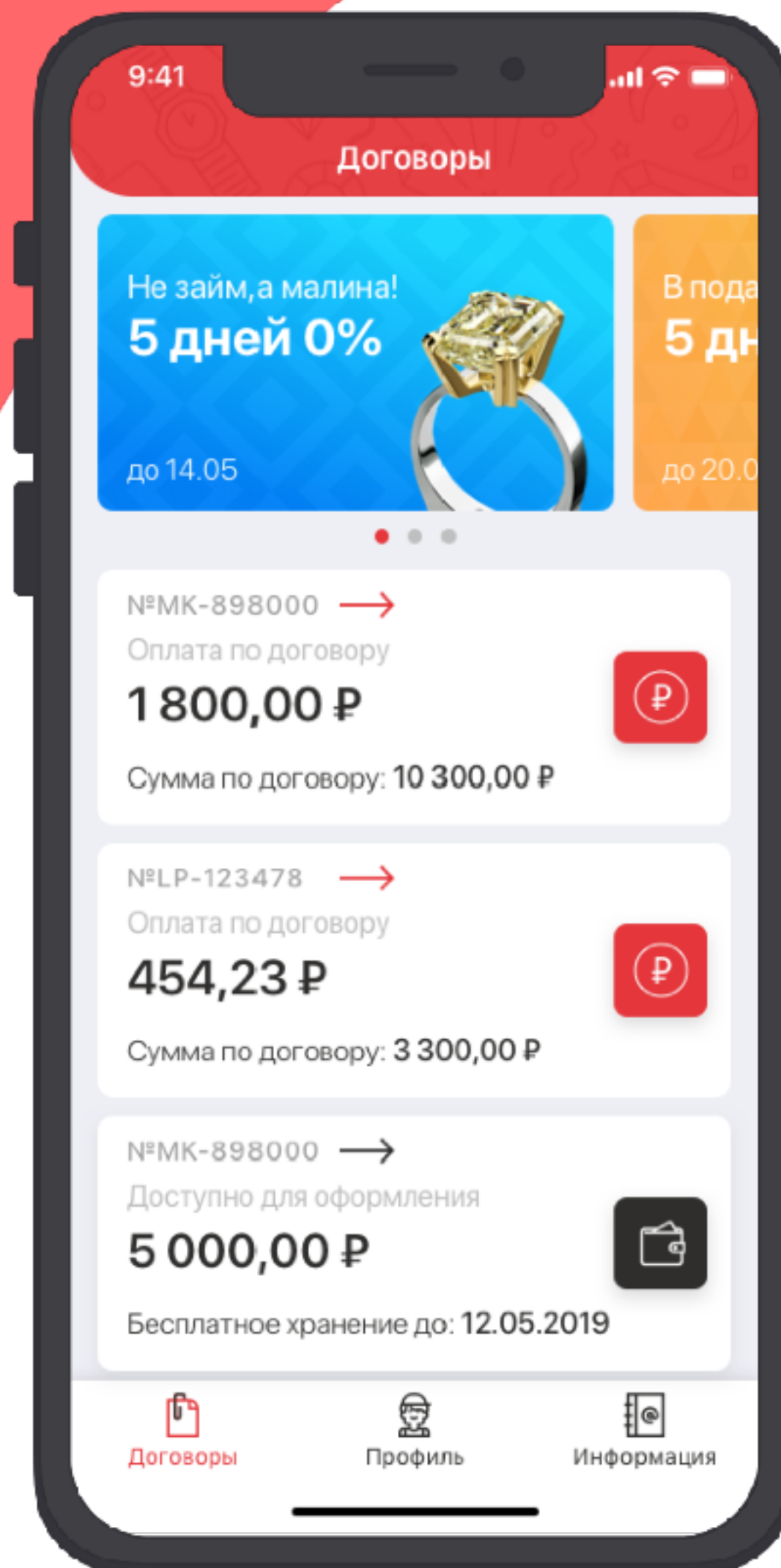






# "LOMBARD №1" PAWN SHOP CHAIN APP

**Fintech |**  
Analytics, UX&UI, development







# "POOLDIRECTOR" MOBILE APP

Remote control system for pools

Internet of things |

Analytics, UX&UI, development







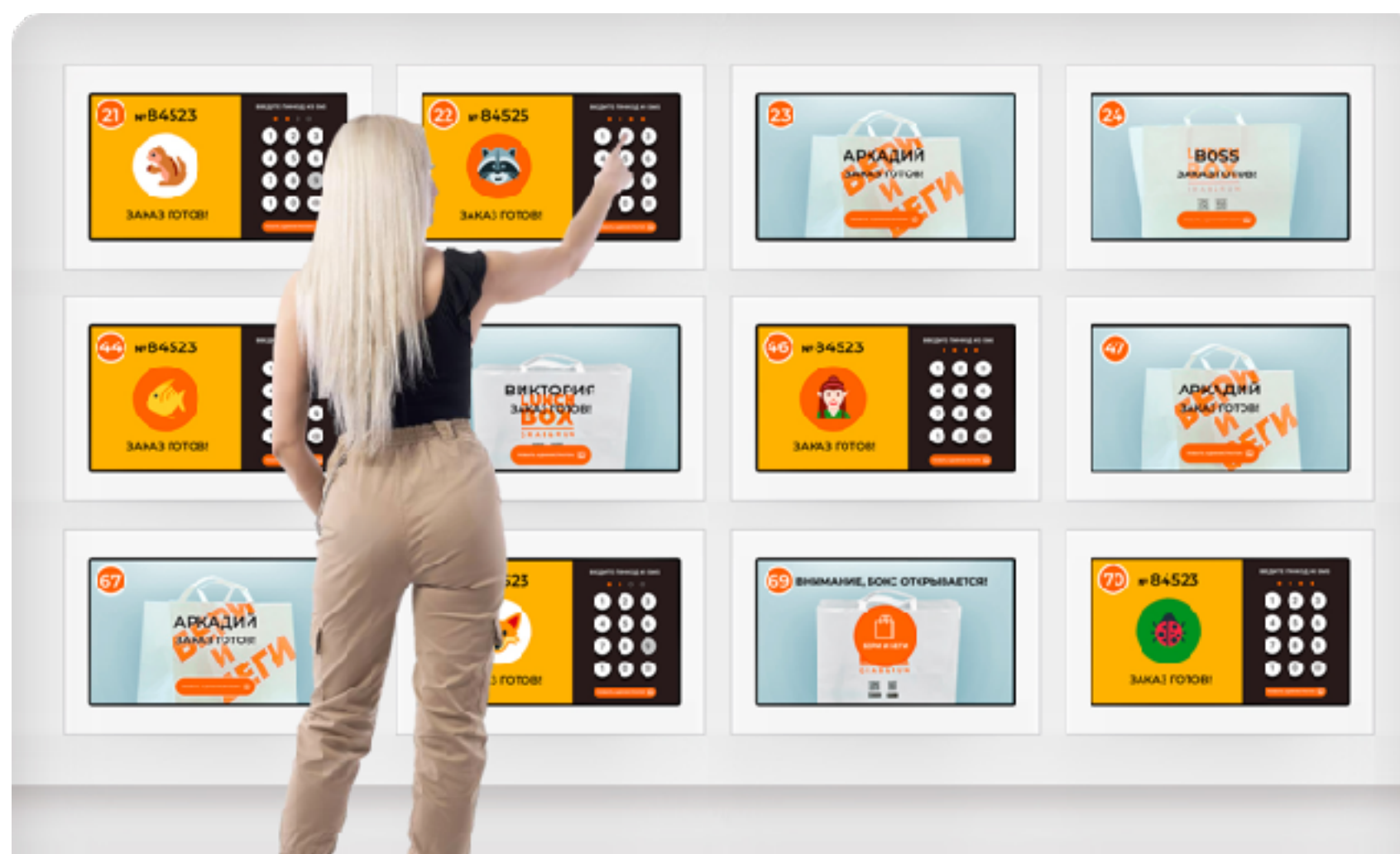
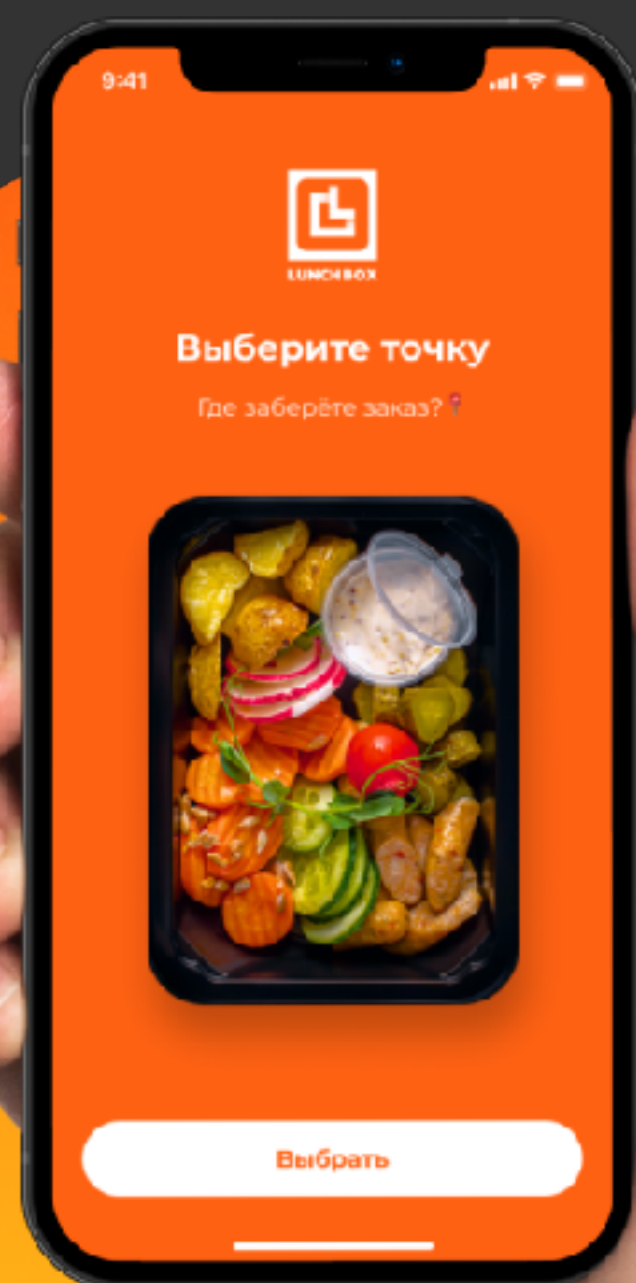
# MOBILE APP, SELF-SERVICE TERMINAL, FRONT BOX PANEL FOR "LUNCHBOX" AUTOMATIC RESTAURANTS

Delivery |

Design |

Development |

Redesigning of the application interface and  
system integration, introducing new functionality  
and scaling the project



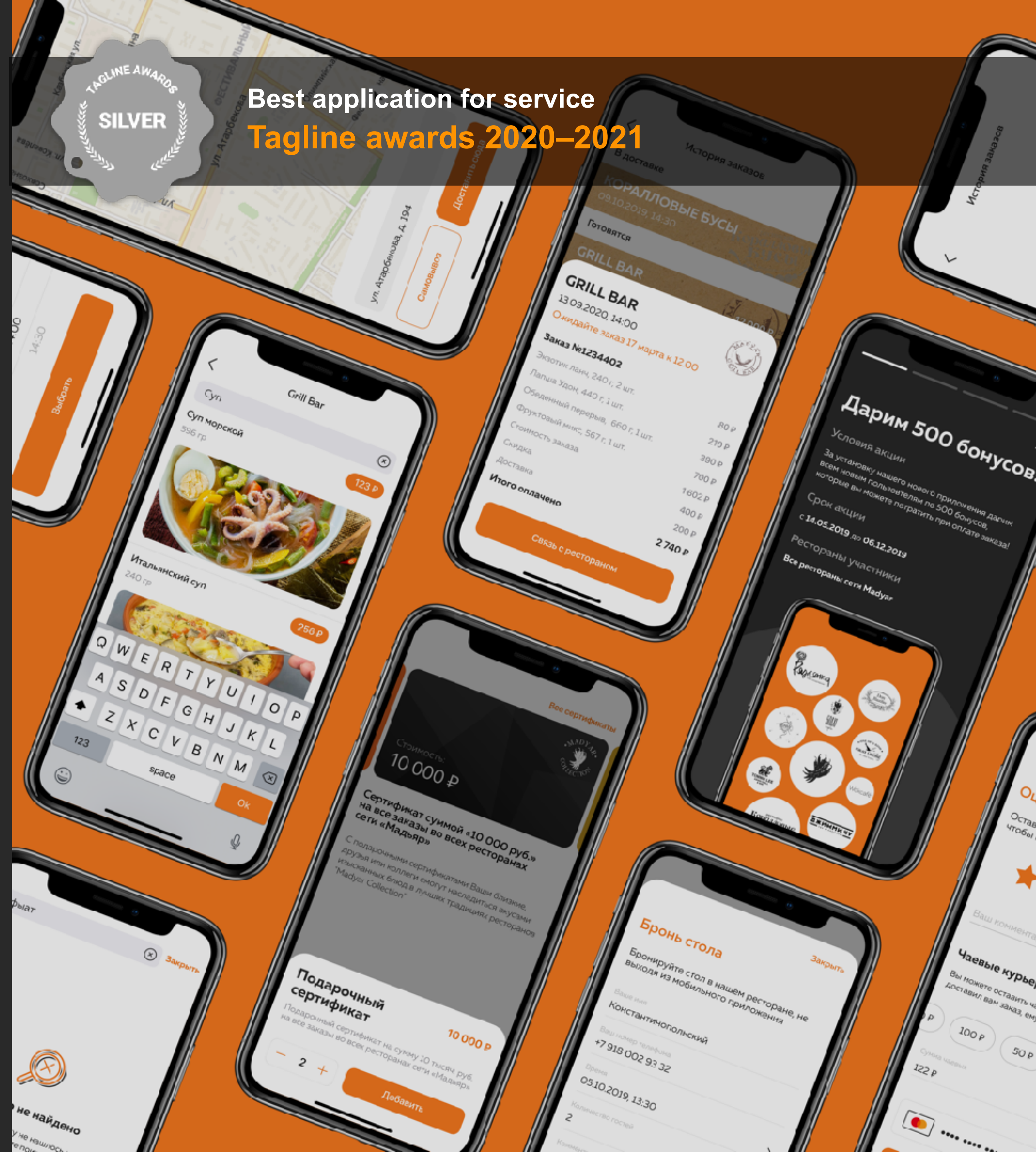
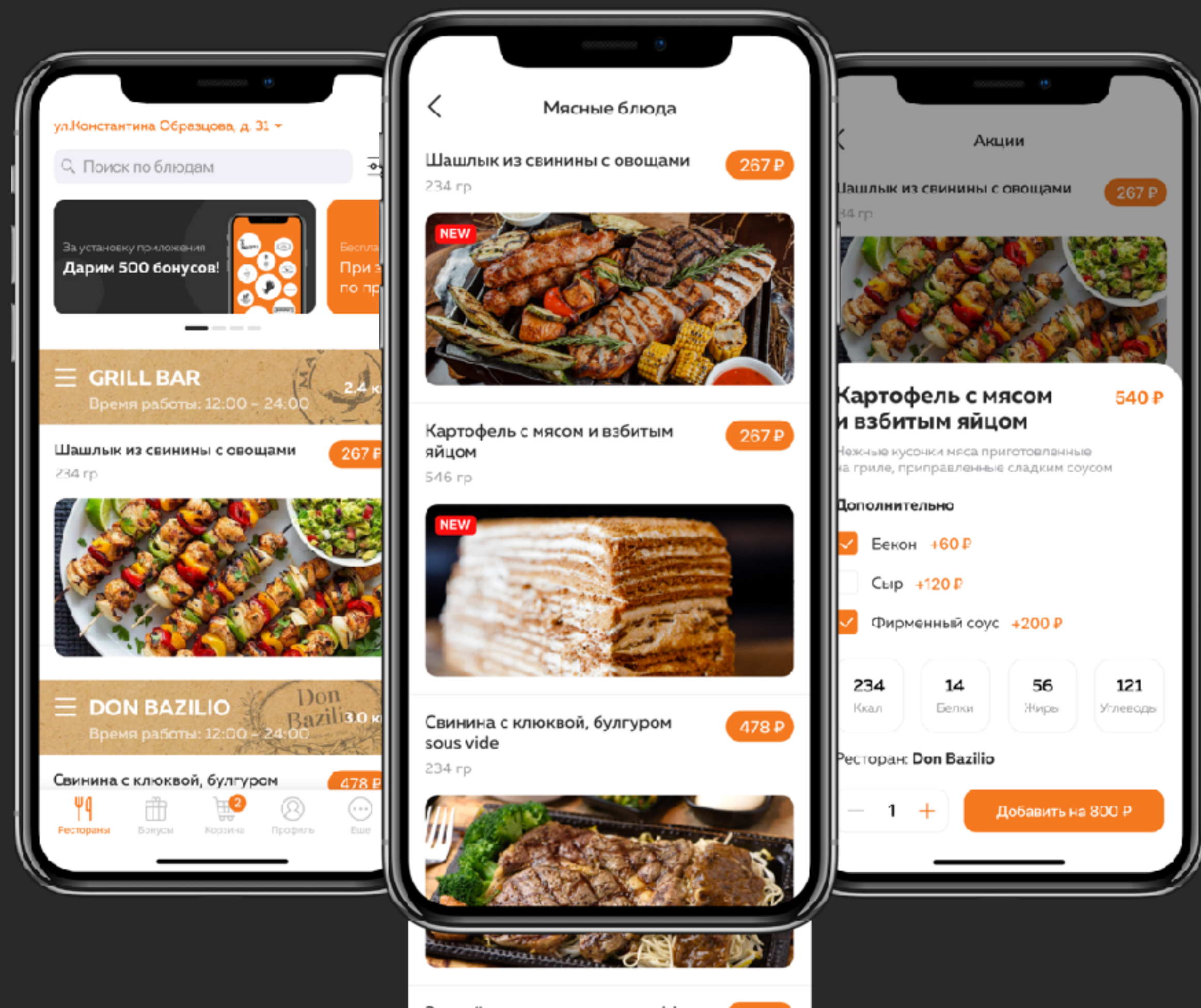




# UPDATED MADYAR APP OF "MADYAR COLLECTION" RESTAURANT CHAIN

Delivery | Development |

App update, admin panel, operations and maintenance

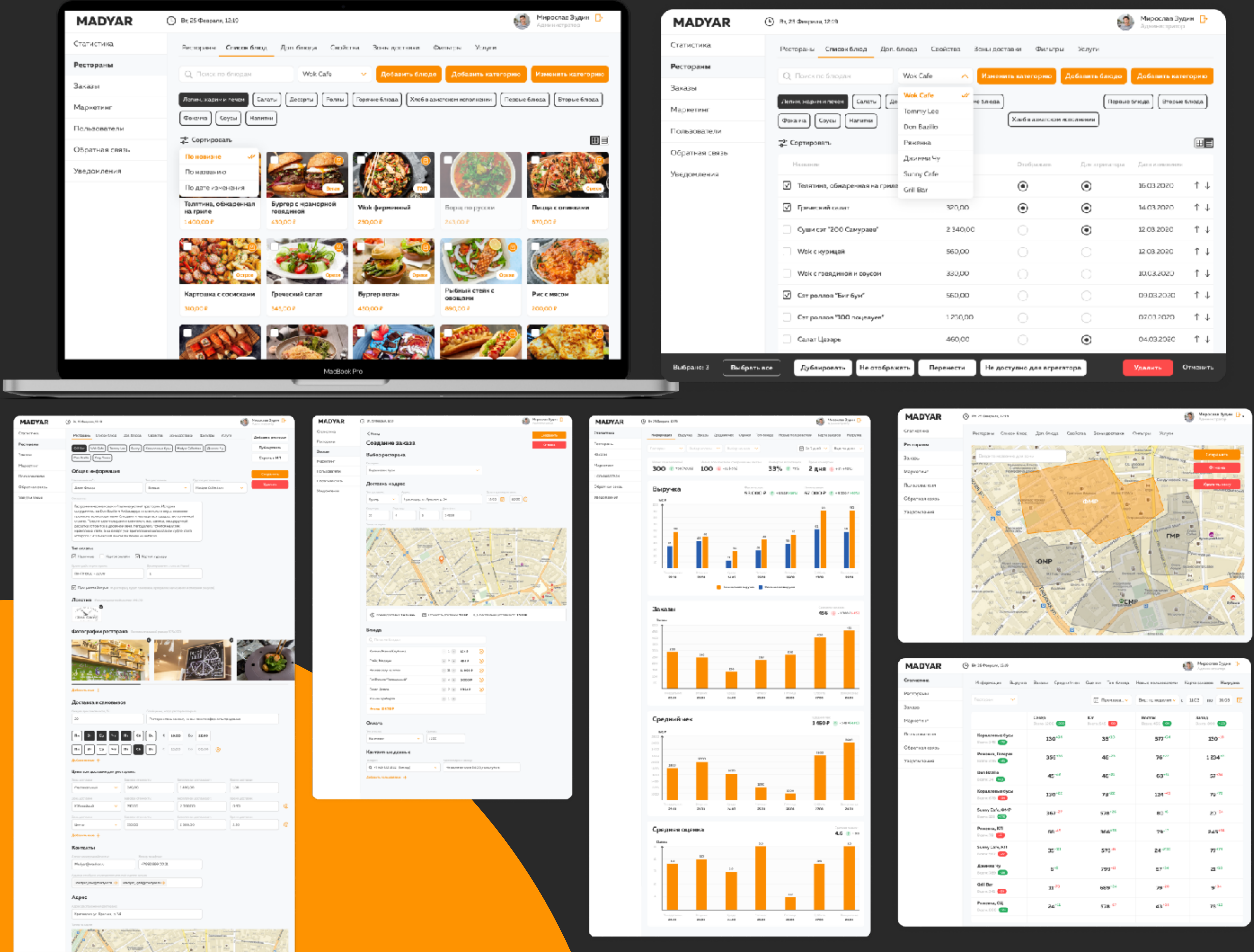




# MADYAR ADMIN INTERFACE

## Delivery

- Catalog of restaurants with menus
- Order list check, placing an order on behalf of the client
- Representation of business statistics in diagrams, tables and map, sorting and filtering data
- Marketing tools management



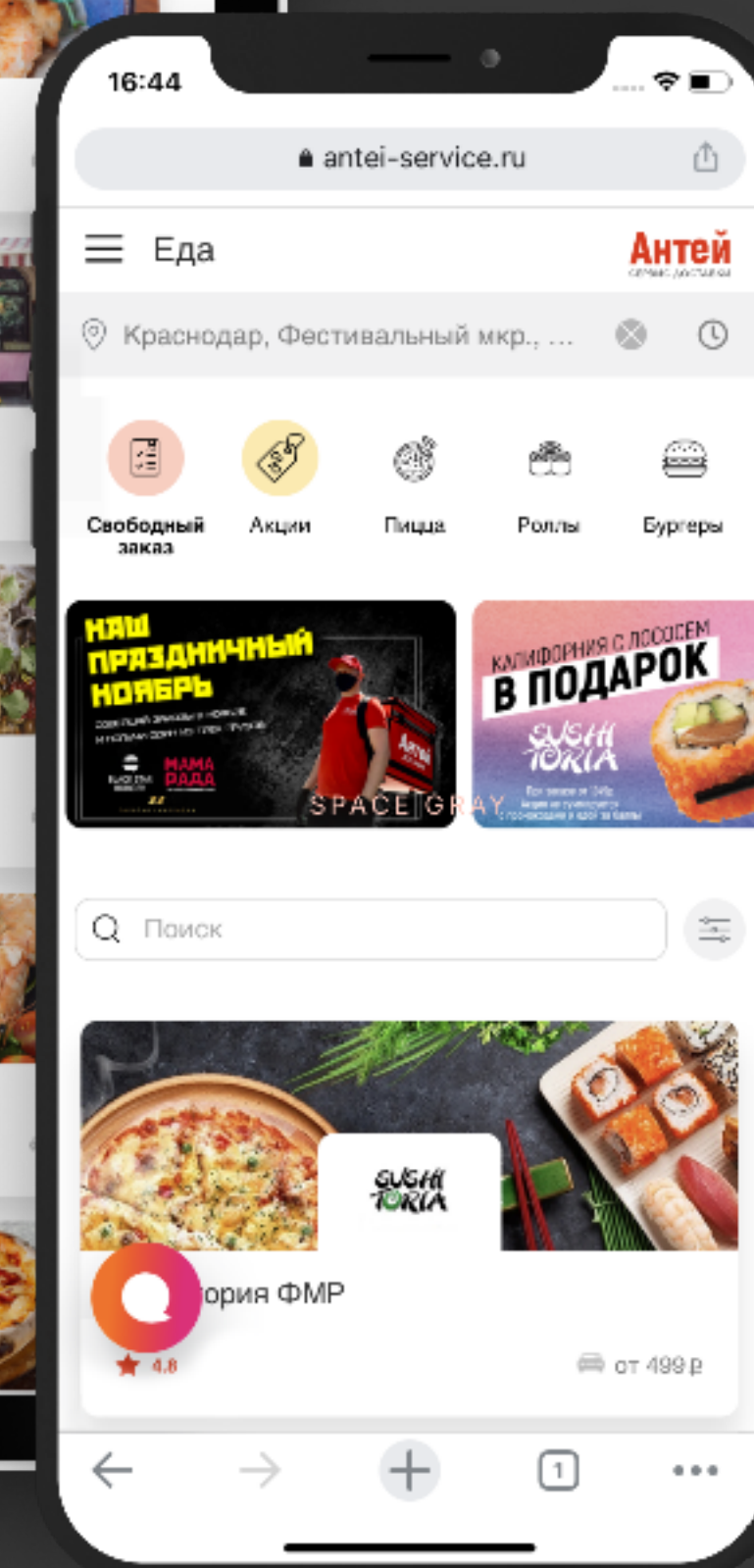
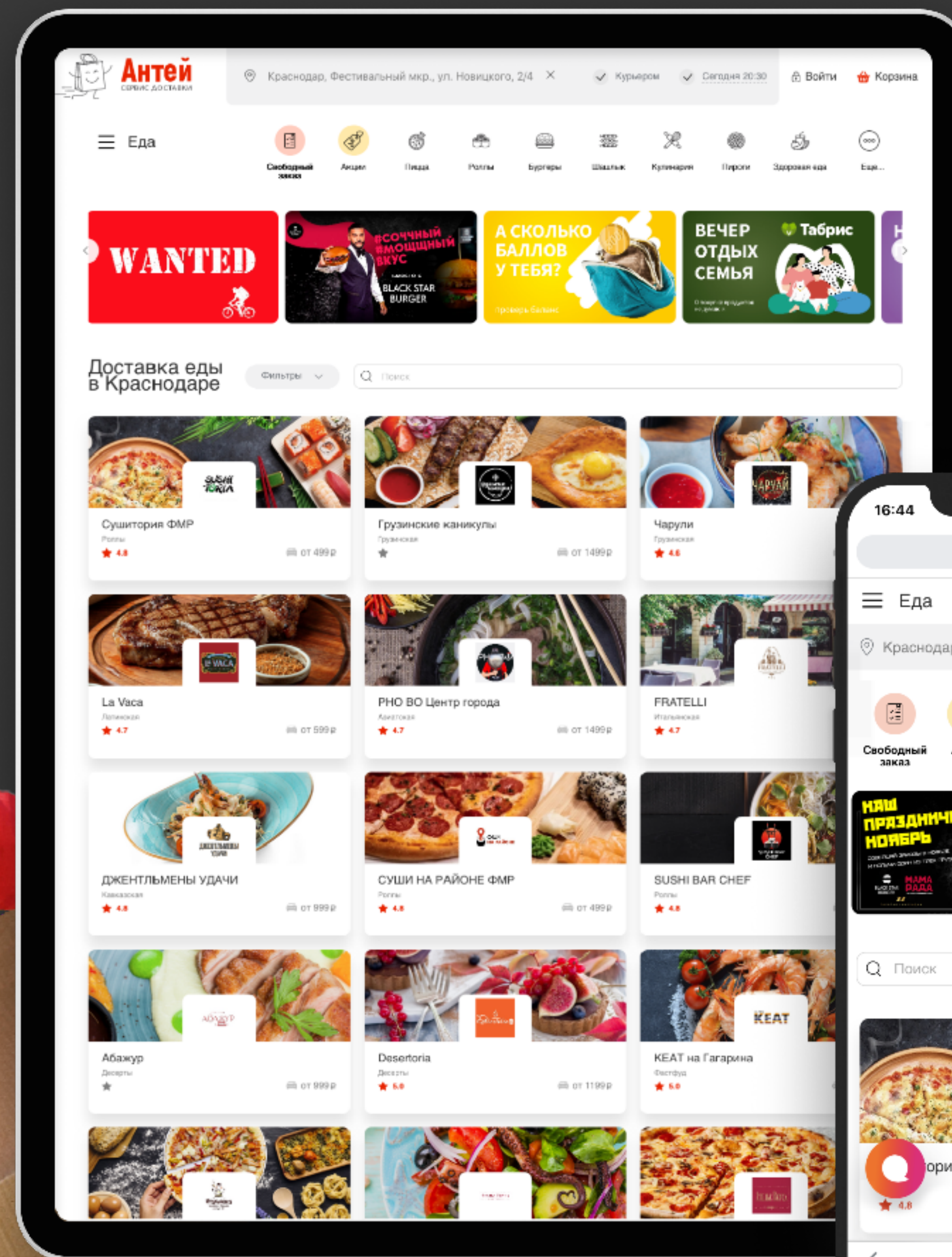
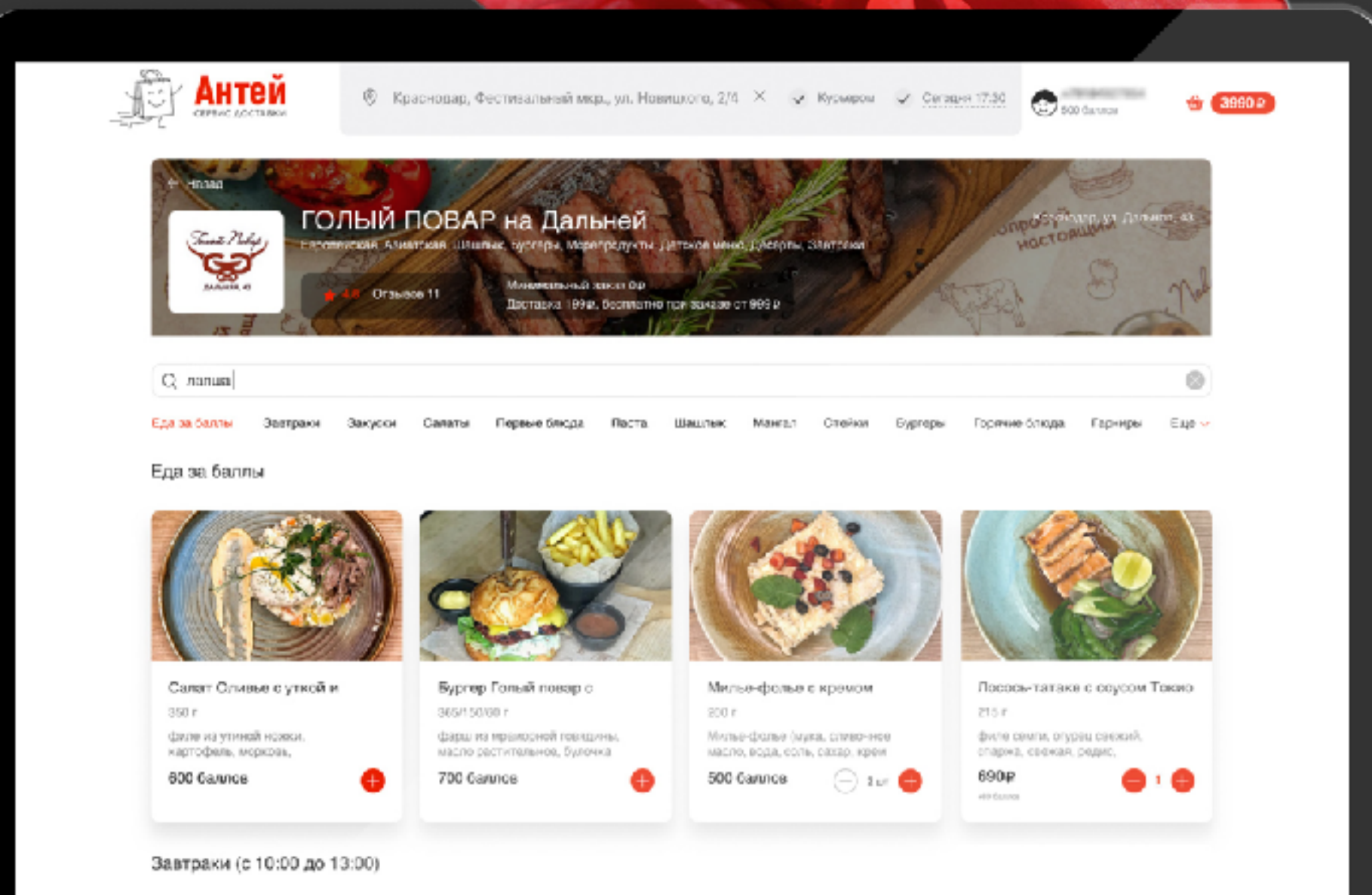




# "ANTEY" DELIVERY SERVICE WEBSITE

Delivery | Design, development |

Launch, support and development of site and mobile apps



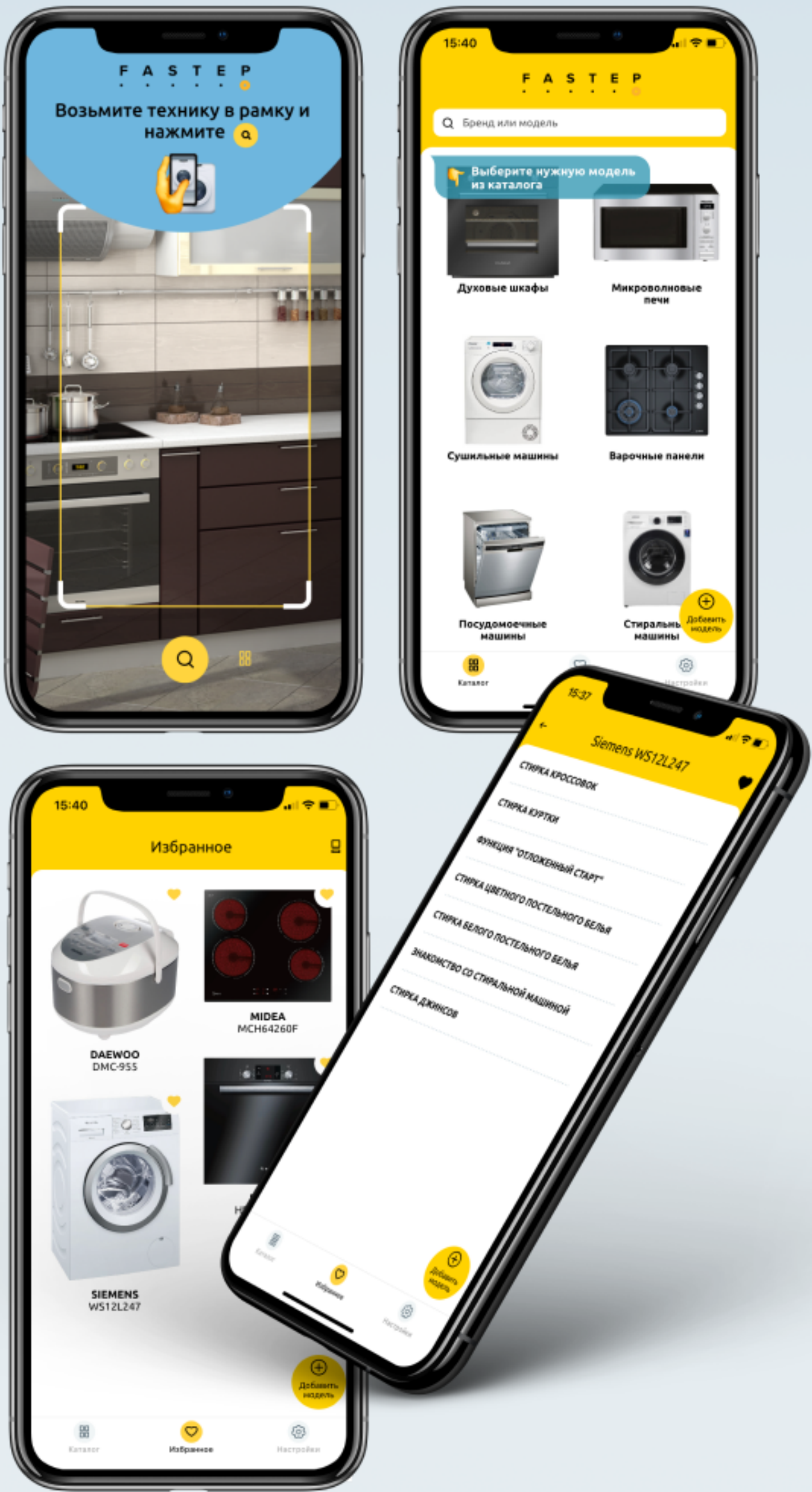


F A S T E P  
• • • • •

APP FOR "FASTEP" HOME APPLIANCES USER  
SUPPORT PLATFORM

Internal project |  
Project team > 20 people |

A grant from The Foundation for Assistance to Small Innovative  
Enterprises (FASIE)  
Two accelerators and one business incubator are finished



Tagline awards 2020–2021  
Best solution in AR / VR








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