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DIGITAL BANKING SYSTEM
GENERAL DESCRIPTION

The system is a modern software solution designed to automate online banking business processes, allowing anyone with access to the Internet to access banking operations anywhere, anytime, 24/7. The software solution is used both for mobile banking and for the automation of Internet banking for both individuals and legal entities.

Our product has been tested for hacking (penetration test) at two of our customers

MAIN GOAL

Providing the maximum number of online services for servicing bank customers

Considerable saving of bank resources

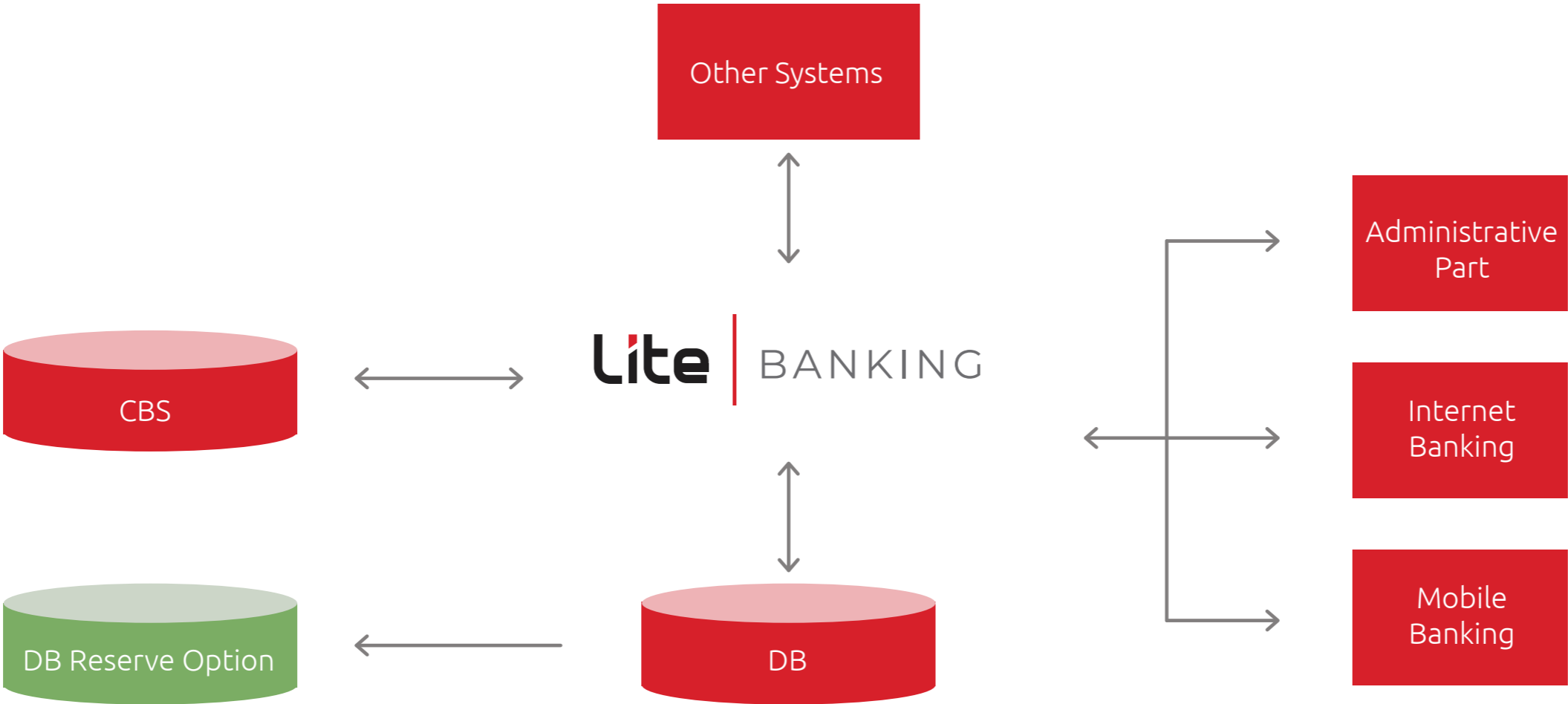Development of software changes in a shorter period with minimal cost

THE PRINCIPLES OF THE SYSTEM

The system developed by us consists of two separate projects:

a client platform and **a platform for bank,**

employees who work with a shared database of the bank through appropriate requests (API).

WORK PRINCIPLES

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APPLIED TECHNOLOGY

It is no secret that all banking operations fully work online, so we chose
a hybrid technological solution. The main advantage of it is the imple
implementation more in a web environment and less in native (IOS, Android).
As a result, programming in the native environment in the total volume
is up to 5%.

Database
Database - MS SQL Server,
which supports the transaction system

Requests (API)
Data exchange for all system applications is carried out
through web services, providing complete security and
system flexibility

Appearance
It is designed using MVC. NET core technology,
which uses C# and JavaScript, as well as HTML5
and CSS3 for external design

Mobile App
Mobile applications for IOS and Android are developed
using hybrid technology, standard functionality on WEB
technology, and some in the native environment, which
provides affordable and fast service

BENEFITS AND OPPORTUNITIES

Software changes in the system are carried out in a single shared environment and automatically applied to all types of equipment (mobile phone, tablet, computer) used by the bank's customers.

AS A RESULT:

✓ **THE BANK HAS THE OPPORTUNITY TO IMPLEMENT THE SYSTEM INTO NEW BUSINESS PROCESSES QUICKLY**

✓ **DUE TO THE SELECTED TECHNOLOGY BANK SAVES TIME AND MONEY**

BUSINESS PROCESSES PERFORMED BY THE SYSTEM

CURRENTLY, THE SYSTEM HAS AUTOMATED MANY BUSINESS PROCESSES THAT GROW DAILY BY THE REQUIREMENTS OF CUSTOMERS. THE FOLLOWING BUSINESS PROCESSES ARE PRESENTLY AUTOMATED:

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THE ADMINISTRATIVE PART OF THE SYSTEM

- CUSTOMERS
- PAYMENTS
- PRODUCTS
  (CREDIT, DEPOSIT, CARD, ACCOUNT)
- BANKS
- COUNTRIES
- CURRENCY
- CURRENCY RATES
- DIRECTORIES
- QR PAYMENT PER PARTNER
- DEPOSIT SAFES
- PRECIOUS BULLION
- USERS AND PERMISSIONS

- LANGUAGES AND TRANSLATION
- MONITORING OPERATIONS
- TRANSACTION LOG
- REQUEST SETTINGS
- REQUESTS RECEIVED
- USER ACTIVITY HISTORY
- NOTIFICATIONS
- MESSAGES
- AND SO ON

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COMMUNICATION WITH THE PRIMARY BANKING SYSTEM

- LIST OF CUSTOMER ACCOUNTS
- ACCOUNT STATEMENT
- APPLICATION FOR CASHING AN ACCOUNT
- OPENING A NEW ACCOUNT
- ACCOUNT CLOSURE
- ATTACHMENT OF ANOTHER BANK CARD
- CLIENT BANK CARD LIST
- EXCHANGE RATE HISTORY
- CARD CLOSING REQUEST
- CUSTOMER INFORMATION
- CUSTOMER REGISTRATION
- CHANGE CUSTOMER DATA
- LIST OF DEPOSITS
- OPENING A NEW DEPOSIT
- STATEMENT OF DEPOSIT
- DEPOSIT INFORMATION
- REPLENISHMENT AND WITHDRAWAL OF DEPOSIT FUNDS
- LIST OF LOANS
- OPENING A NEW LOAN

- LOAN STATEMENT
- LOAN REPAYMENT SCHEDULE
- LOAN REPAYMENT
- LOAN REPAYMENT HISTORY
- TRANSFER FUNDS FROM THE ACCOUNT TO ACCOUNT
- CARD2CARD TRANSFER
- INTERBANK TRANSFER
- INTERNATIONAL TRANSLATION (SWIFT)
- TRANSFER TO A FRIEND (VIA CONTACT NUMBER)
- QR PAYMENT BY PARTNER
- TRANSFERS VIA PAYMENT SYSTEMS
- INTEGRATION TO THE PAYMENT SYSTEM
- UTILITY AND MULTIPLE PAYMENTS
- ORDER OF INDIVIDUAL SAFE DEPOSIT BOXES
- INTEGRATION TO QUEUE MANAGEMENT SYSTEM
- TRANSFER STATUS CHECK
- BUYING INSURANCE POLICIES
- REPORTS
- MESSAGES
- NOTIFICATIONS
- AND SO ON

IMPLEMENTATION PROCESS

DEVELOPMENT OF PROPER APPEARANCE OF EACH
DB WINDOW SEPARATELY

TESTING BY
(LITE-GROUP)

RESEARCH OF BANK FUNCTIONS AND PROVIDING
THE MISSING ONES. PRIMARY DB PROVIDING

PROGRAMMING
PROCESS

TESTING BY
(THE CLIENT)