Blockchain-Based Payment System

ABOUT PROJECT

This payment system that is based on blockchain technology processes money transfers between users inside of the system. It offers multicurrency wallets depending on the region. It works both in web browsers and mobile applications.

SOLUTION

- This payment system works with all currencies all over the world and processes direct and indirect (invoicing) transactions.
- Each wallet has 3 main currencies and extra currencies can be added.
- High-load performance due to its blockchain technology (Stellar) that can process 1200 transactions per second (but not limited to it).
- Fast transactions - each transaction lasts less than 2.5 seconds.
- 1000000+ user accounts.
- This service minimizes fees that users pay because of blockchain technologies and decentralized control.

OUTCOME

10+ months
Project Duration

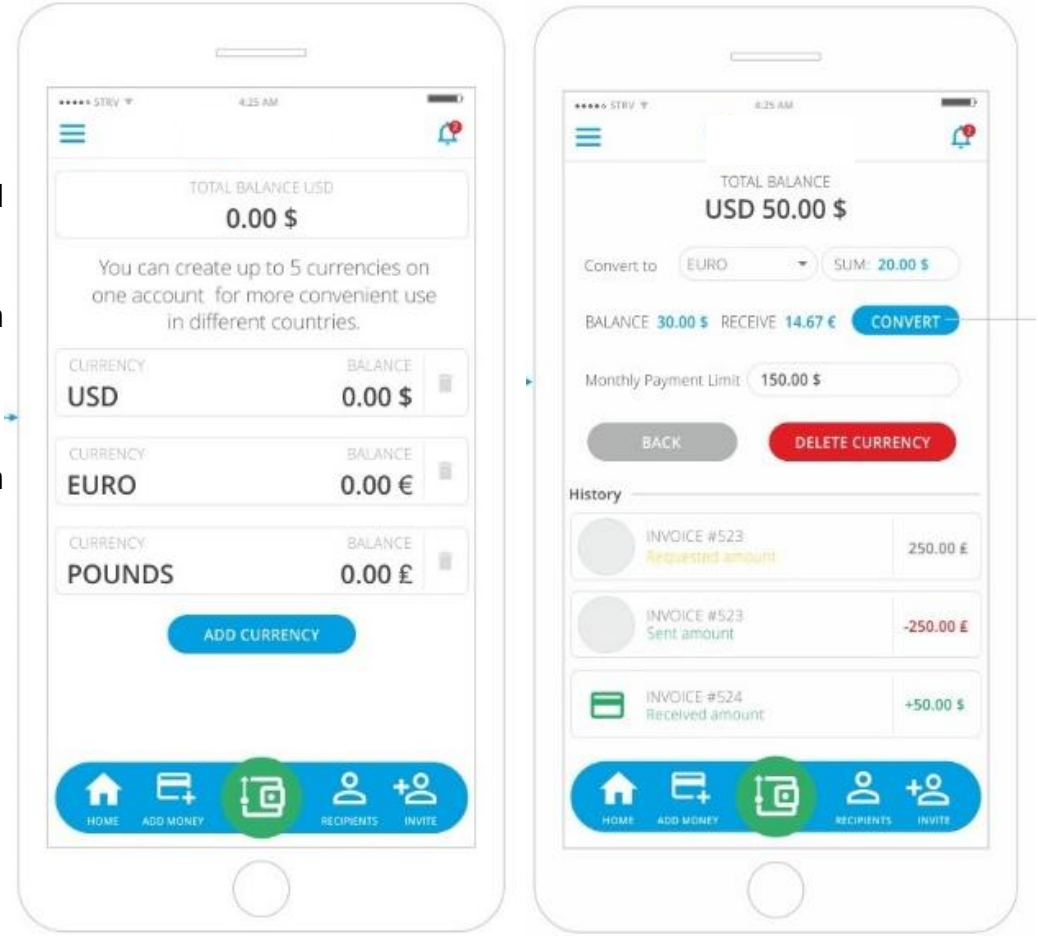
13 people
Project Team

INDUSTRY

- Fintech
- Banking
- E-commerce

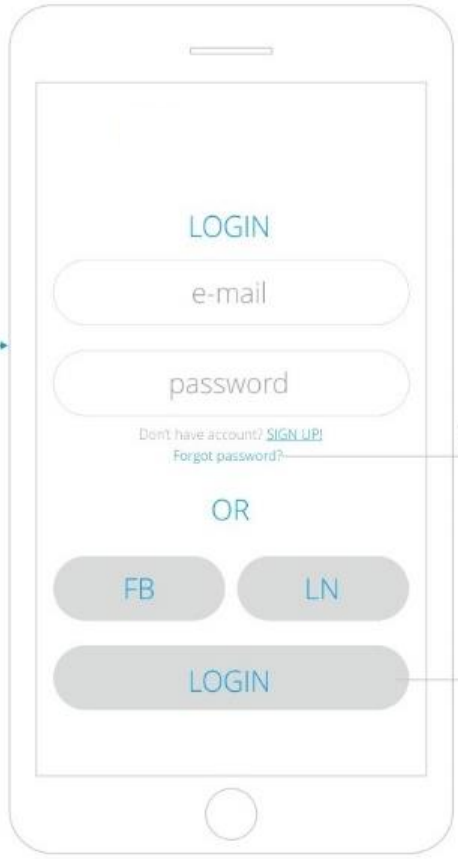
TECHNOLOGY

- Node.JS
- Stellar (Blockchain)
- DB SQL



Application Login Method

For registered users

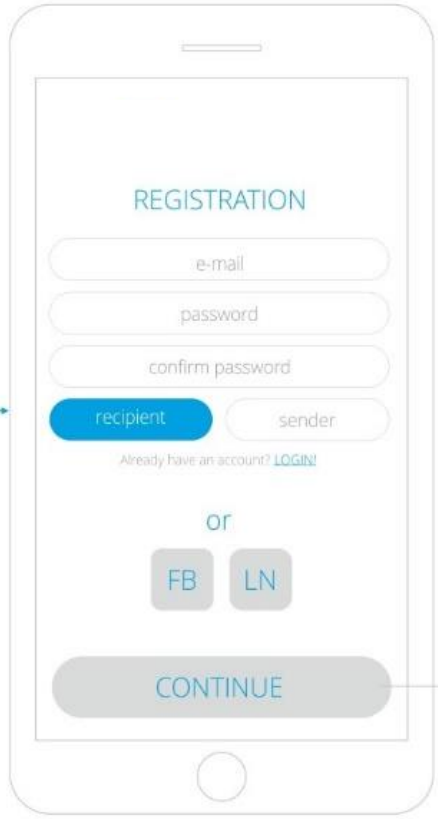


forgot password

login

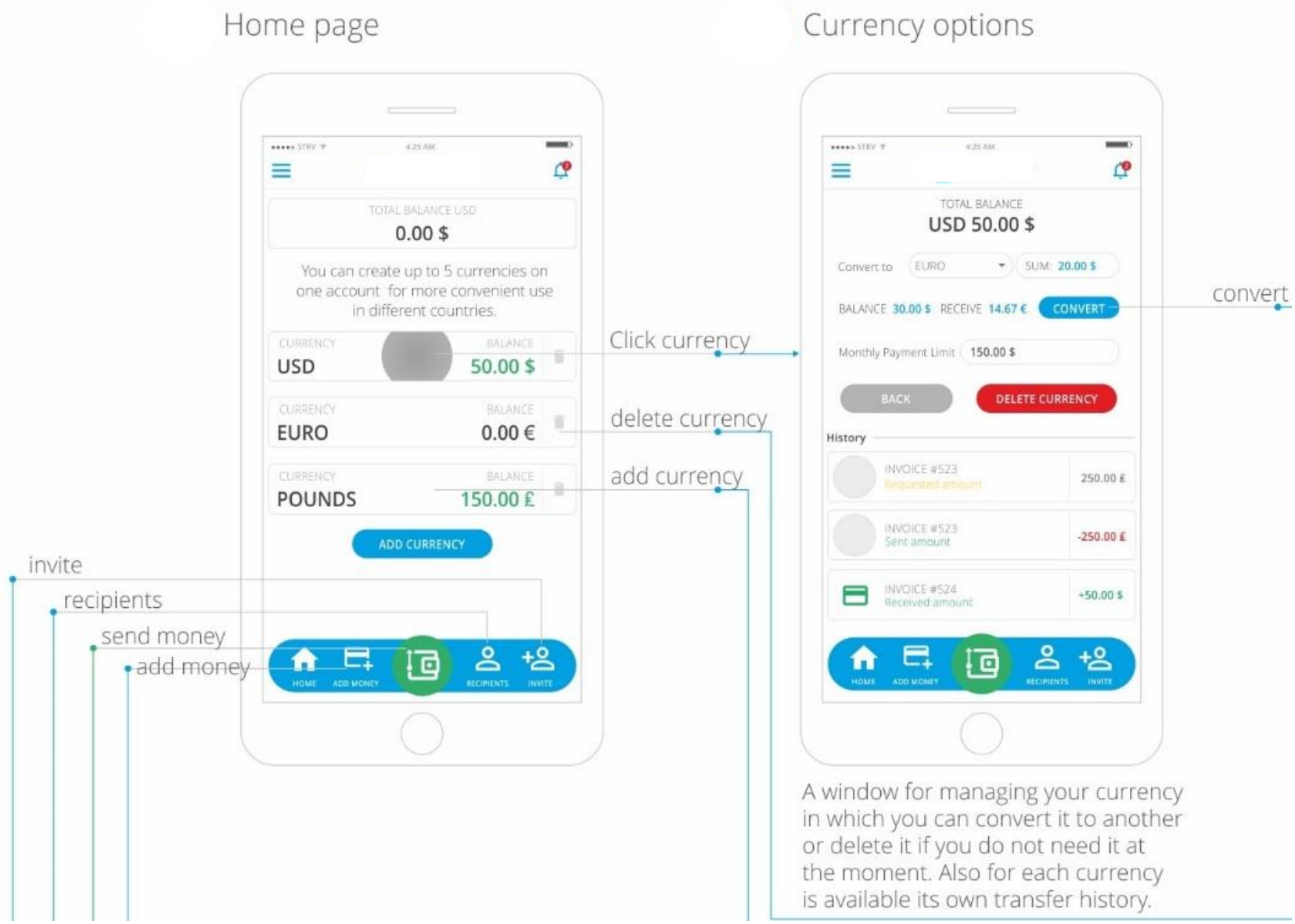
Select the method of entry into the application. You can login with almost either through an account on Facebook and Linkedin.
If you make a mistake with the choice of the login method, you can go from this window, immediately to the new user registration window

For unregistered users

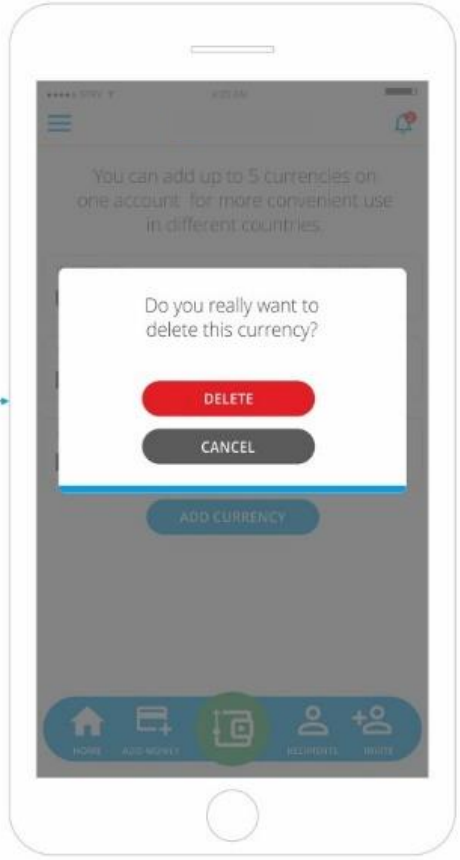


continue

The choice of registration method in the application. You can register using mail or through an account on the social network Facebook and Linkedin. If you are already a registered user, you can go from this window directly to the login window.


Home page
Currency options
TOTAL BALANCE USD
0.00 $
You can create up to 5 currencies on one account for more convenient use in different countries.
CURRENCY
USD
BALANCE
50.00 $
CURRENCY
EURO
BALANCE
0.00 €
CURRENCY
POUNDS
BALANCE
150.00 £
ADD CURRENCY
HOME
ADD MONEY
RECIPIENTS
INVITE
Click currency
delete currency
add currency
invite
recipients
send money
add money
TOTAL BALANCE
USD 50.00 $
Convert to
EURO
SUM: 20.00 $
BALANCE 30.00 $ RECEIVE 14.67 €
CONVERT
convert
Monthly Payment Limit
150.00 $
BACK
DELETE CURRENCY
History
INVOICE #523
Requested amount
250.00 £
INVOICE #523
Sent amount
-250.00 £
INVOICE #524
Received amount
+50.00 $
A window for managing your currency in which you can convert it to another or delete it if you do not need it at the moment. Also for each currency is available its own transfer history.

Delete currency 0 balance



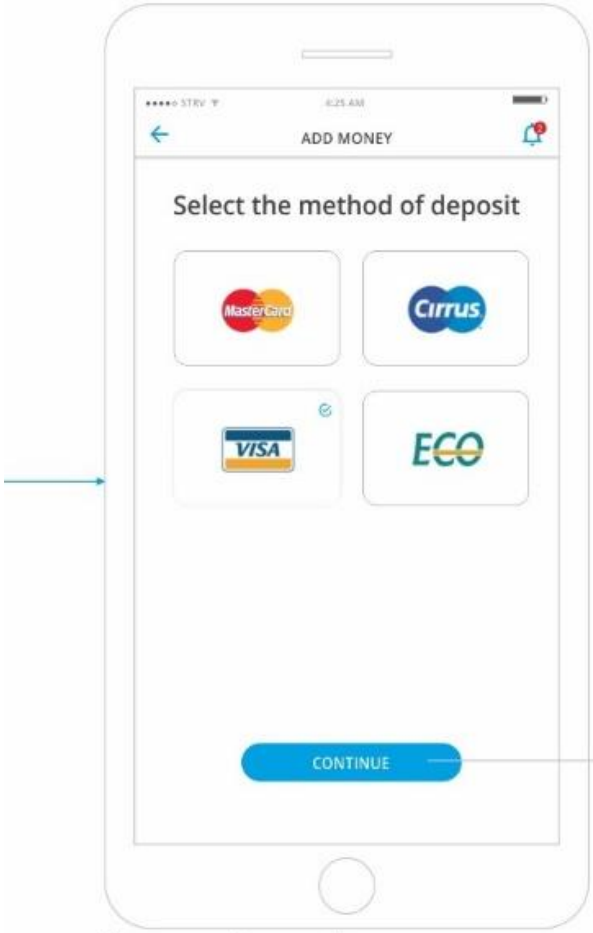
This window appears if you want to delete one of the currencies and in which there is no money in the account.

Delete currency with money

This window appears if you want to delete one of the currencies and in which there are some funds on the account. This window will prompt you to remove the currency and choose which currency to convert them to.

Add new currency

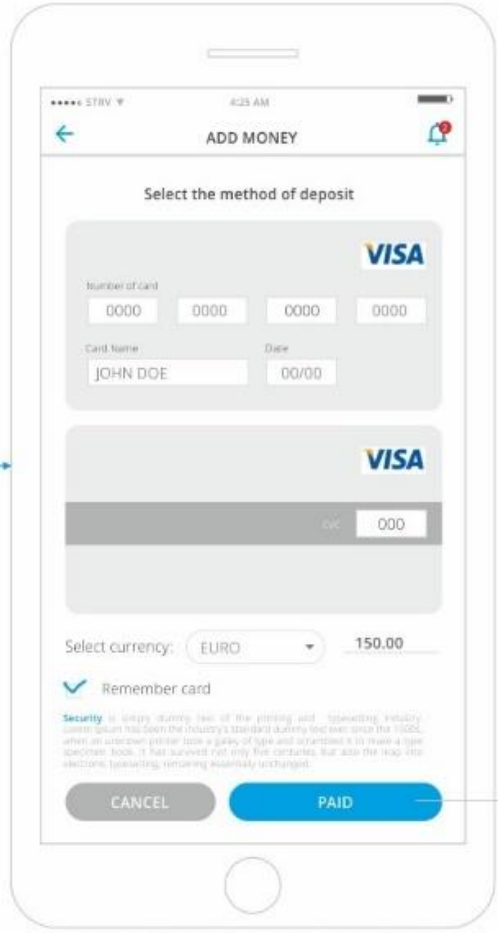
Add money



Here we choose the way we want to replenish our wallet, be it a transfer from a bank card, conversion of another currency or transfer from other payment systems.

select and continue

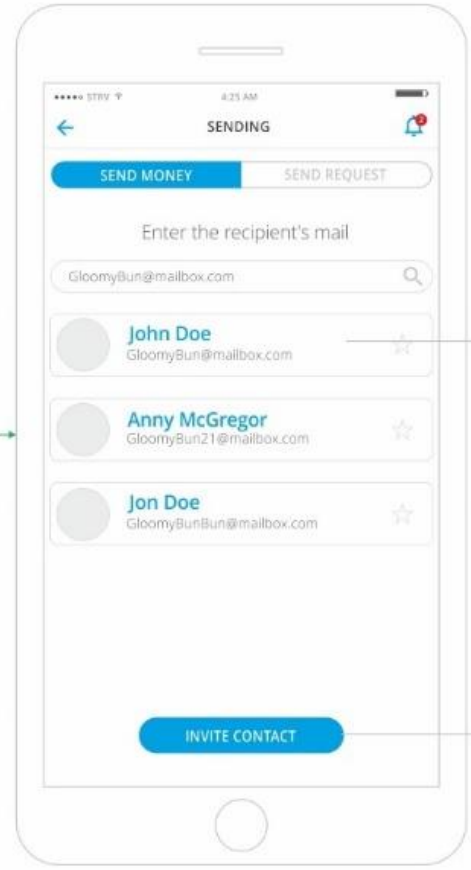
Add card



Here we show the choice of a bank card. A person must fill in their details, select the currency and the amount of replenishment. Can save the card in the database of the program and pay the check.

paid

Send money/requst

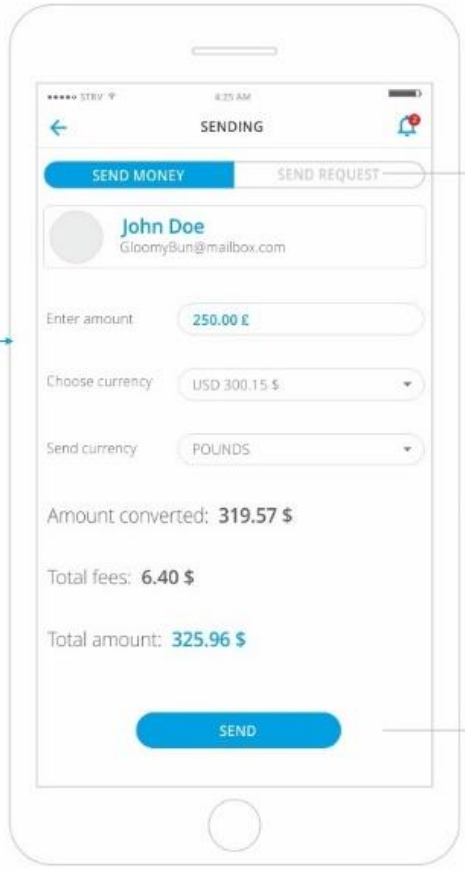


Here you must select the recipient of the transfer. To do this, the recipient's mail is entered into the active search field and possible letters are suggested for several letters.

Select recipient

Invite contact

Sending options

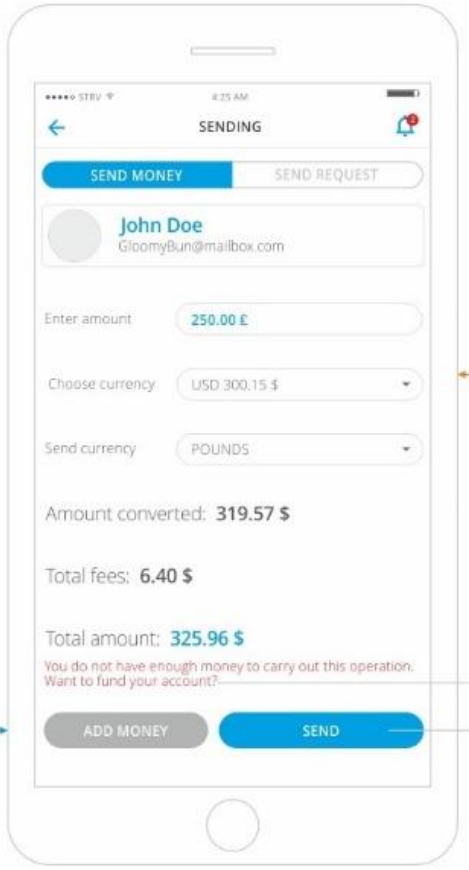


By choosing a recipient, we can specify the currency in which we want to send money, and indicate the currency in which he should receive the funds. The amount to be sent is immediately entered and the tax amount is automatically displayed and how much will be paid directly to

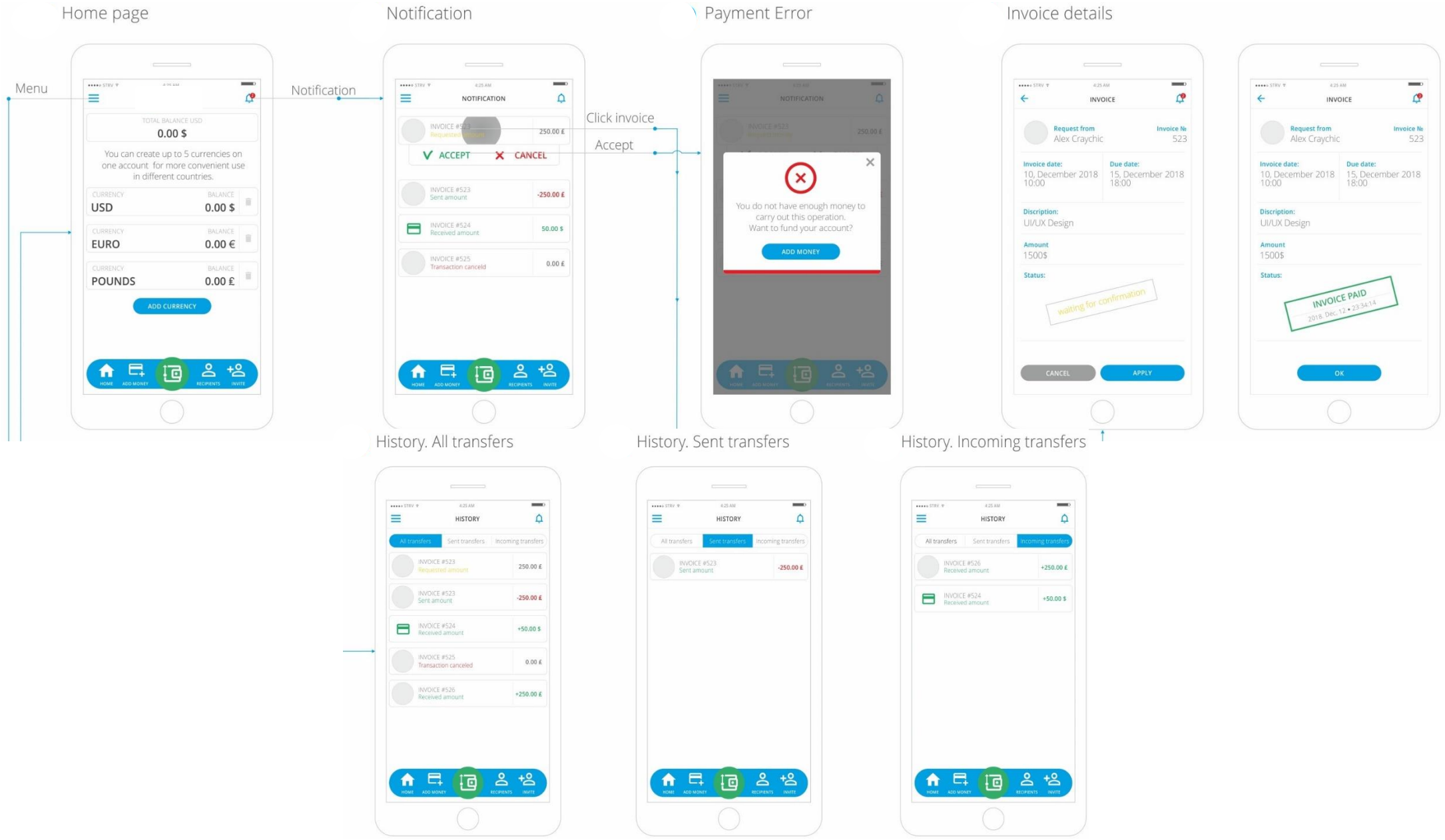
request

send

Sending have no money



If you do not have enough money in your account, you will be shown a message with a proposal to replenish your account without going through the menu or returning to the initial screen.


Home page
Notification
Payment Error
Invoice details
Menu
Notification
Click invoice
Accept
TOTAL BALANCE USD
0.00 $
You can create up to 5 currencies on one account for more convenient use in different countries.
CURRENCY USD BALANCE 0.00 $
CURRENCY EURO BALANCE 0.00 €
CURRENCY POUNDS BALANCE 0.00 £
ADD CURRENCY
HOME
ADD MONEY
RECIPIENTS
INVITE
NOTIFICATION
INVOICE #523
Requested amount
250.00 £
ACCEPT
CANCEL
INVOICE #523
Sent amount
-250.00 £
INVOICE #524
Received amount
50.00 $
INVOICE #525
Transaction canceld
0.00 £
You do not have enough money to carry out this operation.
Want to fund your account?
ADD MONEY
INVOICE
Request from
Alex Craychic
Invoice №
523
Invoice date:
10, December 2018
10:00
Due date:
15, December 2018
18:00
Discription:
UI/UX Design
Amount
1500$
Status:
waiting for confirmation
CANCEL
APPLY
INVOICE PAID
2018, Dec, 12 • 23:34:14
OK
History. All transfers
History. Sent transfers
History. Incoming transfers
HISTORY
All transfers
Sent transfers
Incoming transfers
INVOICE #526
Received amount
+250.00 £