

Wall•et

iOS Application for monitoring
financial expenses

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iOS Advanced (Spring)

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01.

Significance

People love and want to control their budget. A regular card statement in banking applications will not help much with this.

The Wall•et app will not only allow you to add transactions, but also associate them with a specific location (store, bank, university, etc.). Locations can be filtered by category, hours of operation, number of related transactions, and more. Also inside the application there will be your personal page for obtaining the user's contact information.

Manage your budget in a simple and intuitive way.

Existing solutions

Spreadsheets

Paper-based planners

Web apps: Mint, Etsy

Consequences

Debt

Lower quality of life

Retirement hardships

02.

Description

Profile info

- Phone number
- Username
- First name
- Last name
- E-mail

Features

- Edit profile info
- Add transactions
- Add places
- Edit places
- Filter places
- Read topics

Languages

- English
- Kazakh
- Russian

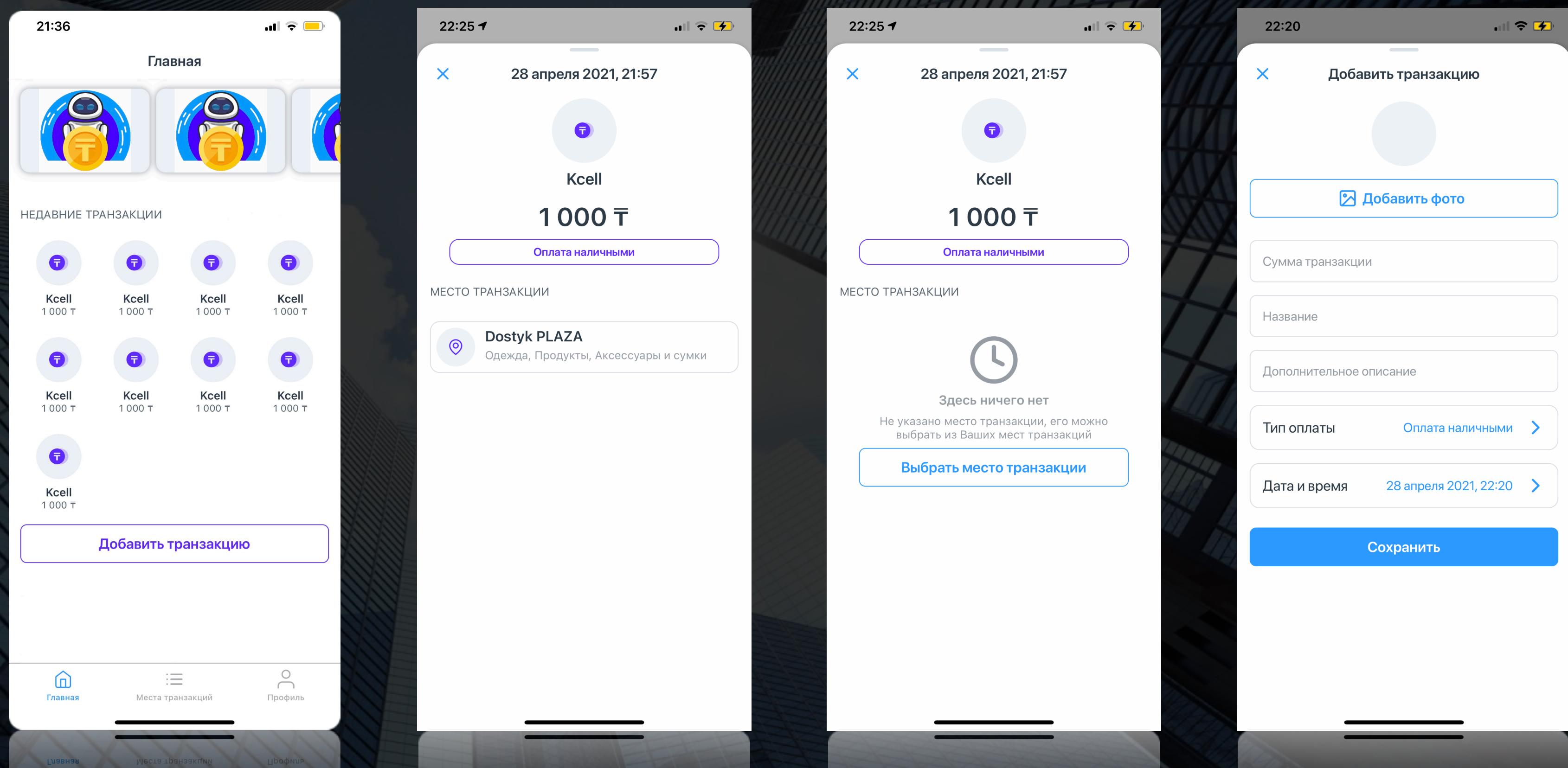
Wallet is an application that will allow you to control your expenses more conveniently.

Using the application is simple: add a transaction, link it to a specific location, identify the most expensive locations and categories of transactions using our filter.

Moreover, inside the application you will find links to articles that will teach you how to distribute and control your budget as efficiently as possible. Choose your preferred app language and control your budget easily and conveniently with Wall•et.

03.

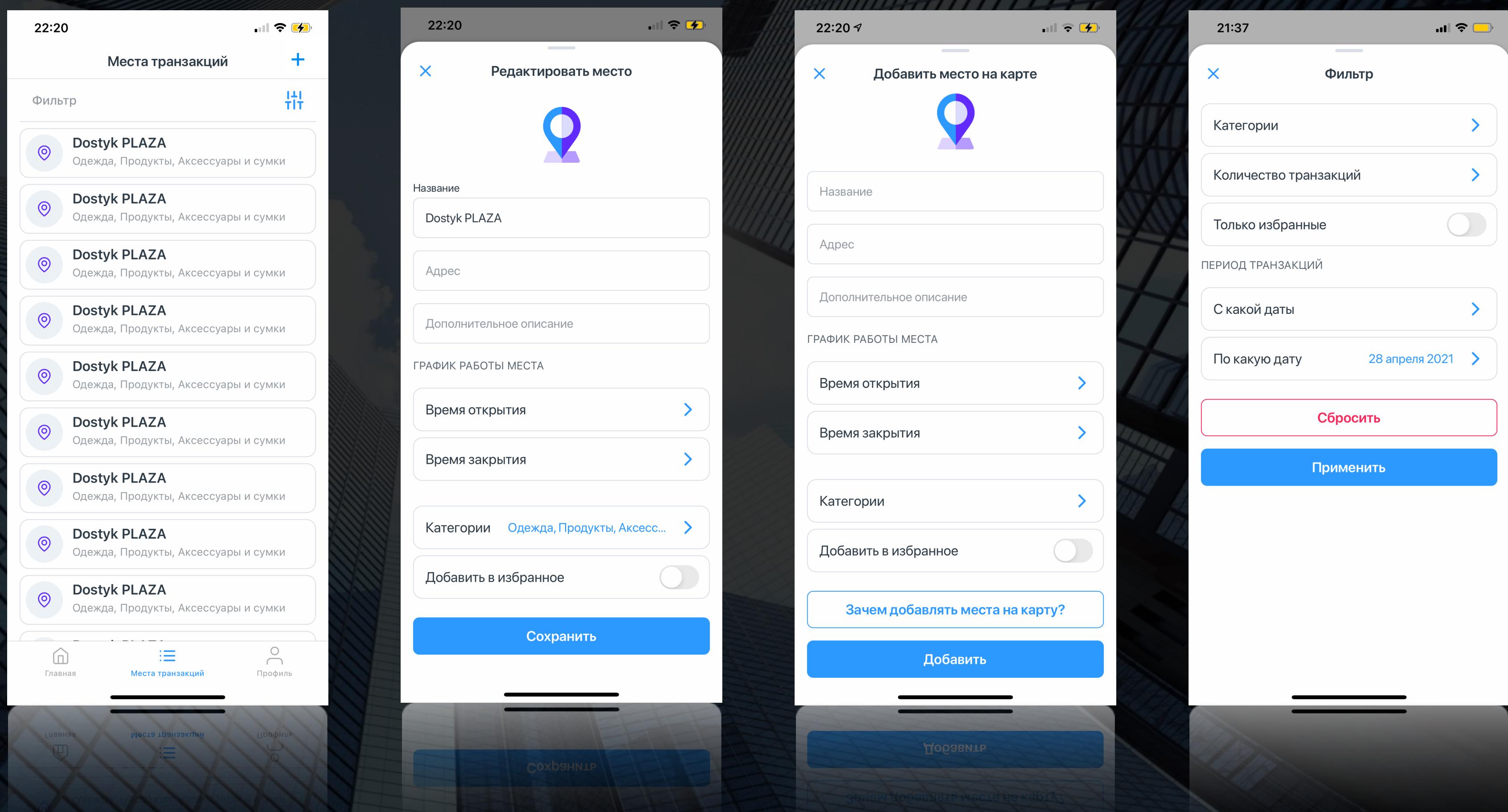
Prototype



03.

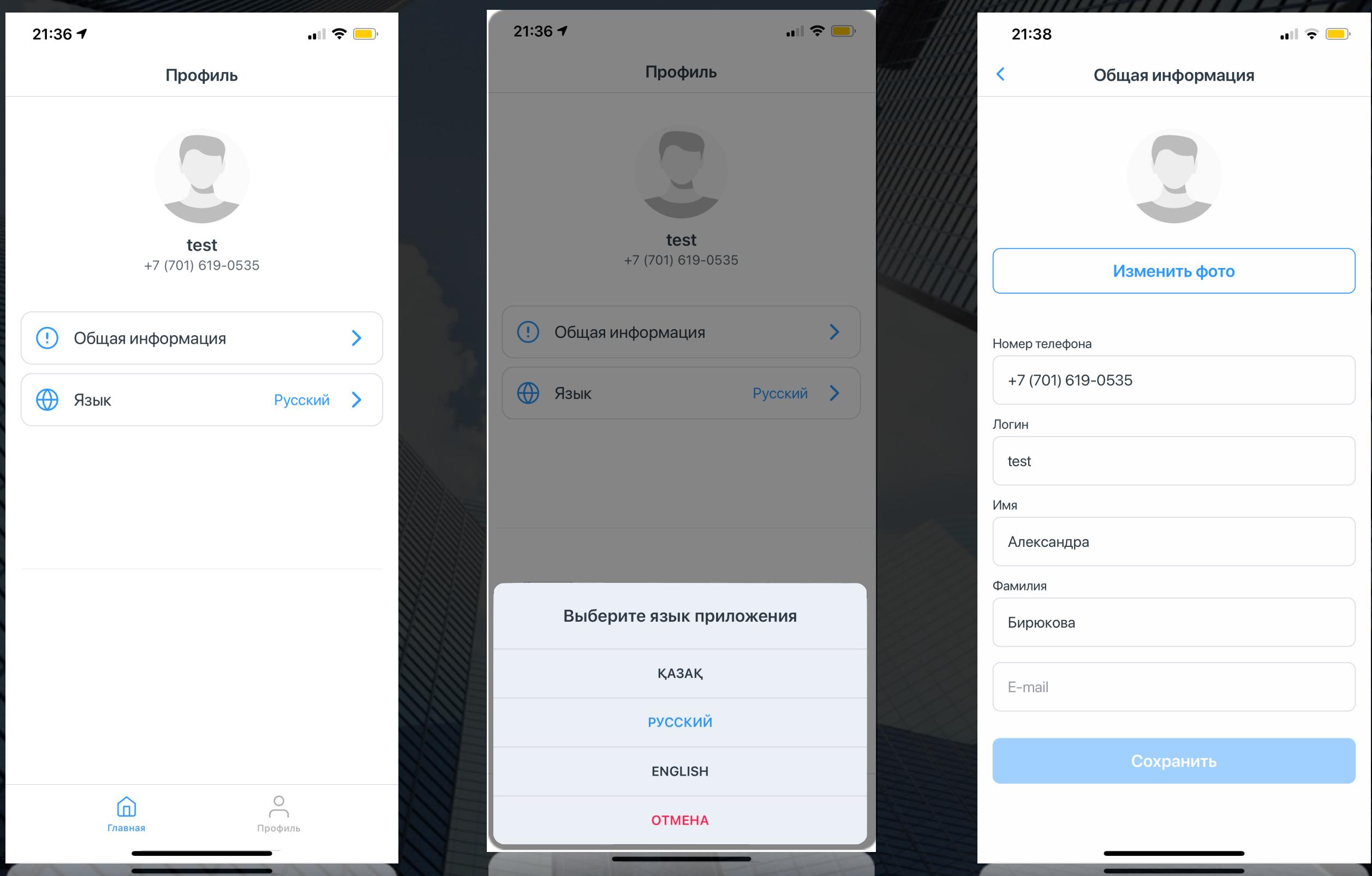
Prototype

Home • Transaction places • Profile



03.

Prototype



04. Views

Home • Transaction places • Profile

HomeView

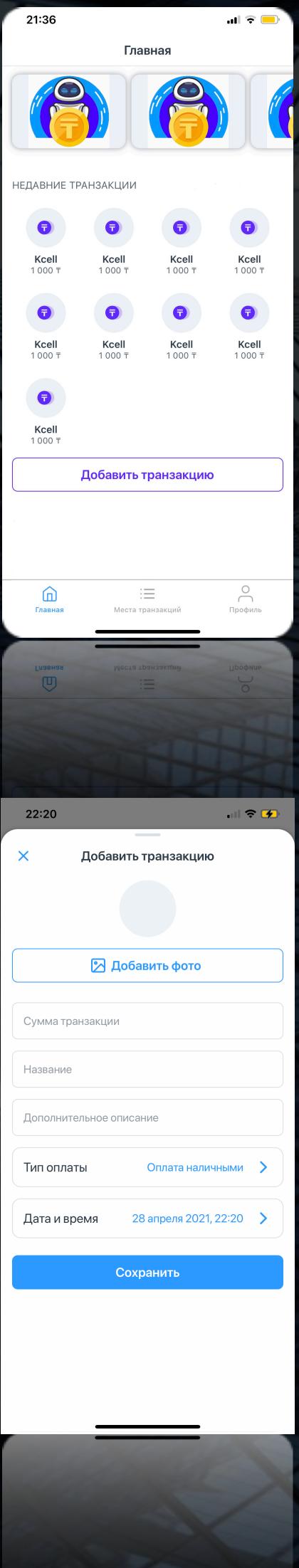
The initial view of the app. It will contain two sections:

1. Banners
2. Transactions

When user tap on transaction, detailed transaction info will be opened.

When user tap on «Add transaction» button, transaction create page will be opened

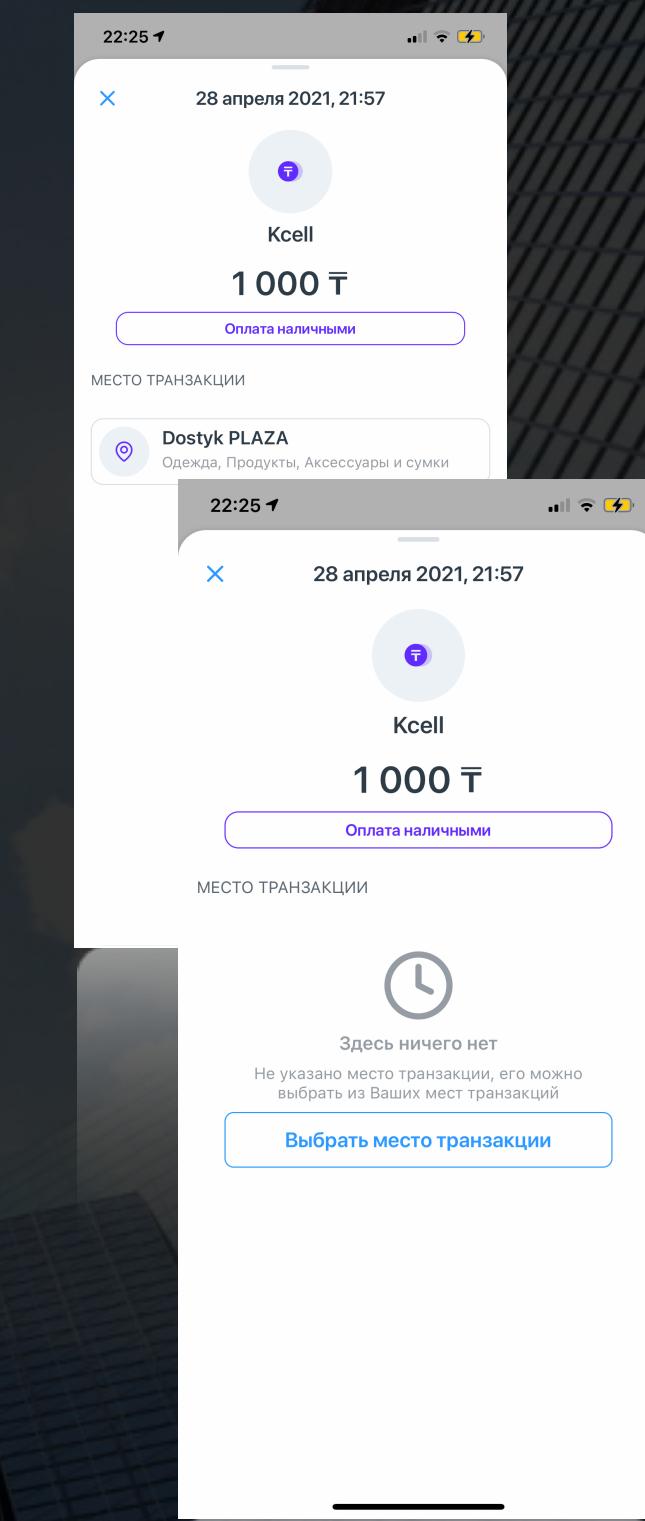
When user tap on top banners, app will go to Safari to open specific topic link from the selected banner.



TransactionAddView

On this view user can type amount, name and description of transaction, select photo for transaction (from gallery or camera), choose payment type and date of transaction.

All choices will be done through action sheets over this view.



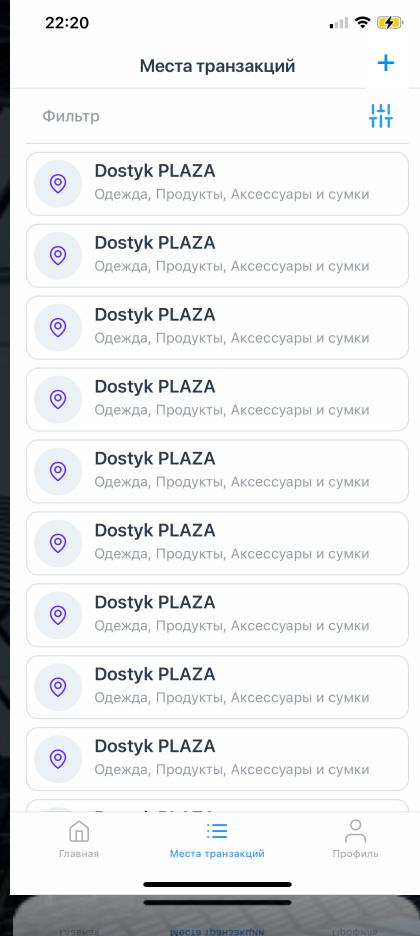
TransactionView

This view will display detailed information about transaction.

If there is no place associated with transaction, tapping on «Choose transaction place» will segue to PlacesView from Map flow, where user can choose place for it.

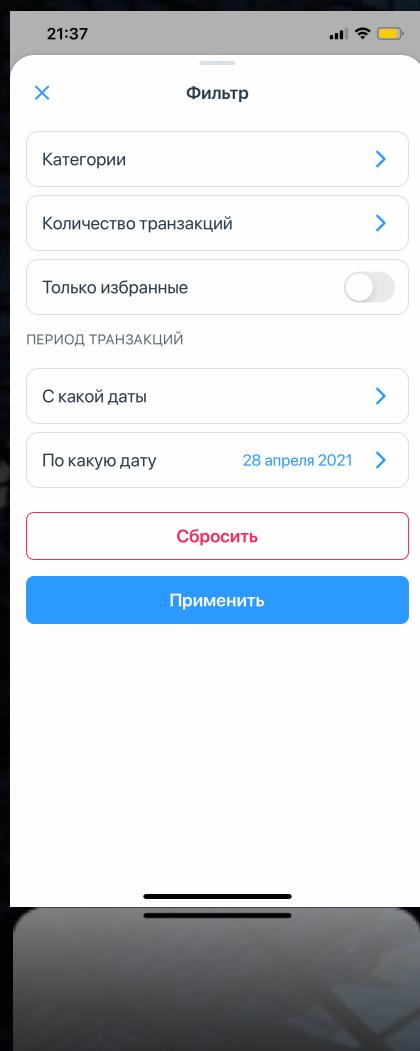
04. Views

Home • Transaction places • Profile



PlacesView

The initial view of Transaction Places tab.
«Add» navigationBarItem will segue to
PlaceAddView, filter cell will segue to FilterView,
every item from the list will segue to PlaceView

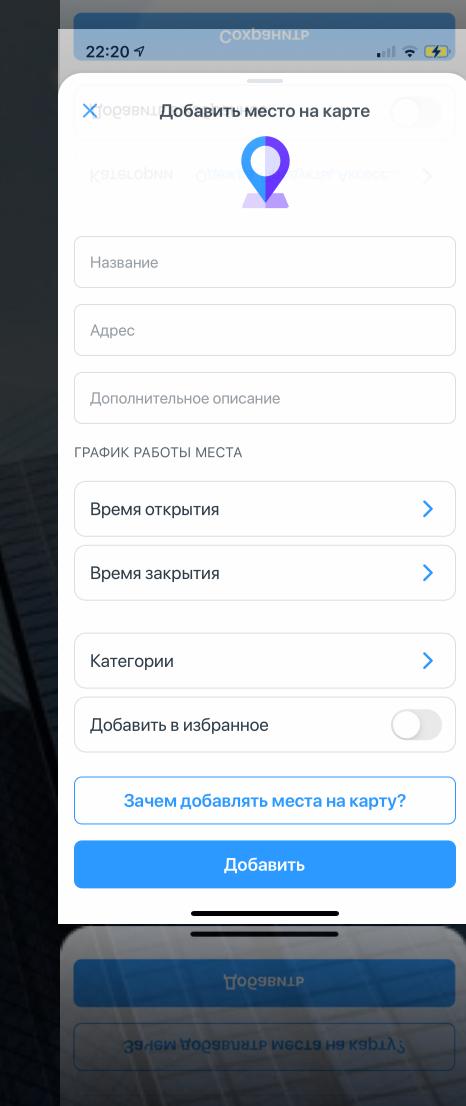
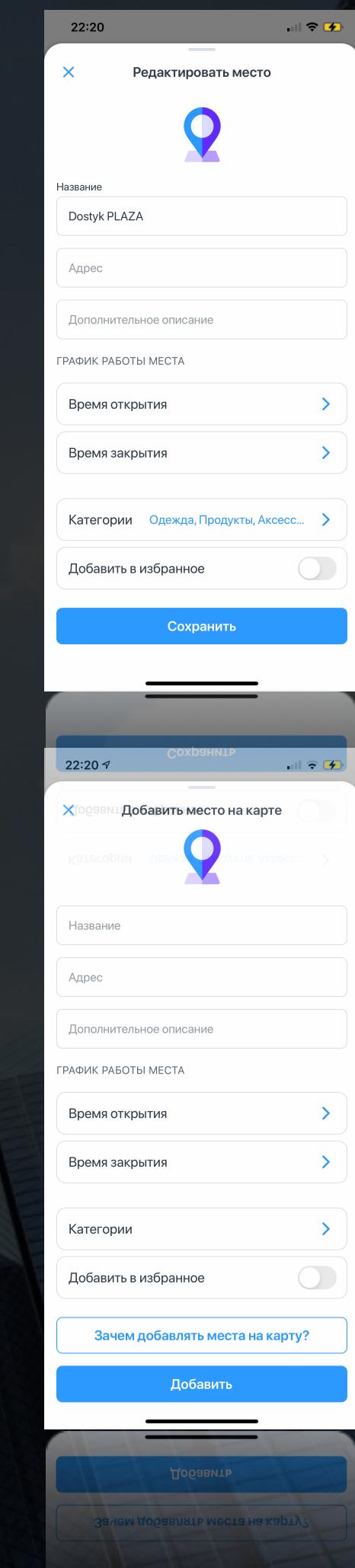


FilterView

This view is responsible to choose filter
for transaction places, dates will be
picked from datePickers, whereas
categories and transactions count will be
chosen from action sheets.

Tapping on «Reset» button will reset all
filter options to default values.

Tapping on «Apply» button will segue to
PlacesView to apply chosen filter.



PlaceView

This view will have two ViewStates:
create and edit.

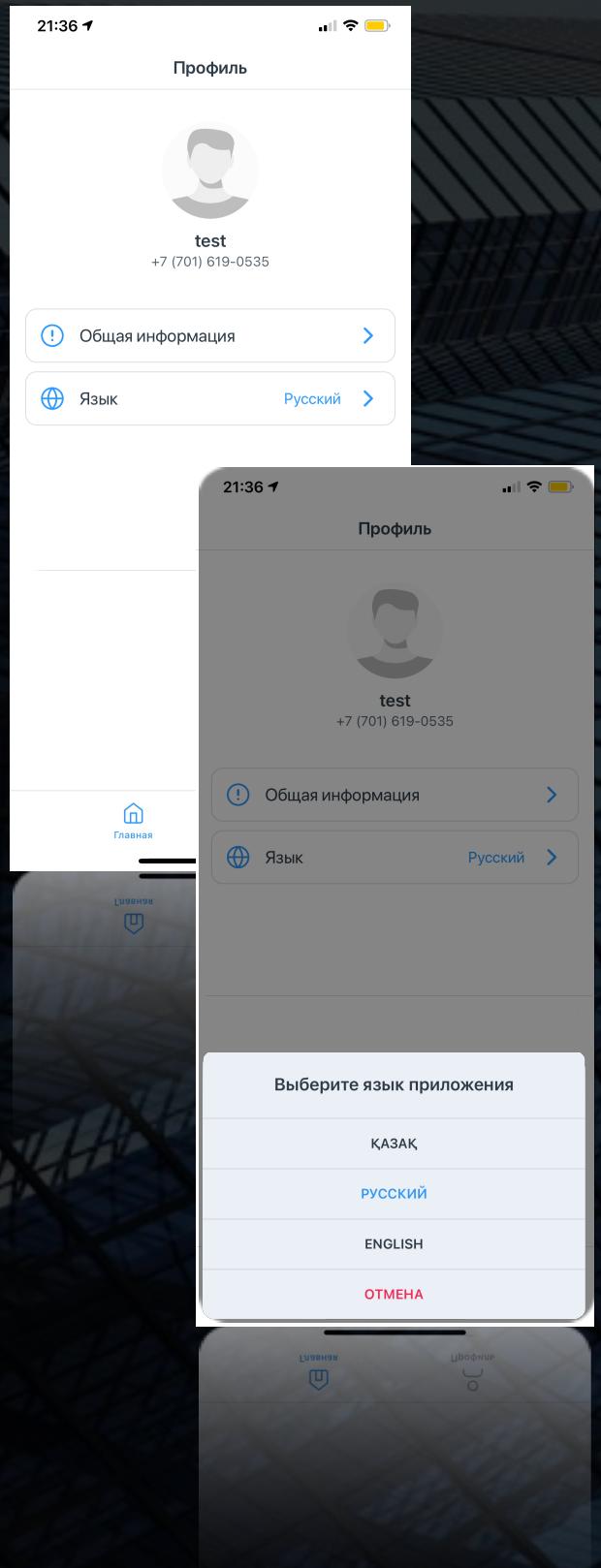
On both viewType user can:
Type name, address, description of
the place;
Select open and close time from
datePickers;
Choose category from the action
sheet.

Tapping on primary action («Save»
or «Edit») segues to PlacesView,
where list will be reloaded.

Tapping on secondary action («Why
add locations to the map?») will
show native alert with short
information.

04. Views

Home • Transaction places • Profile



ProfileView

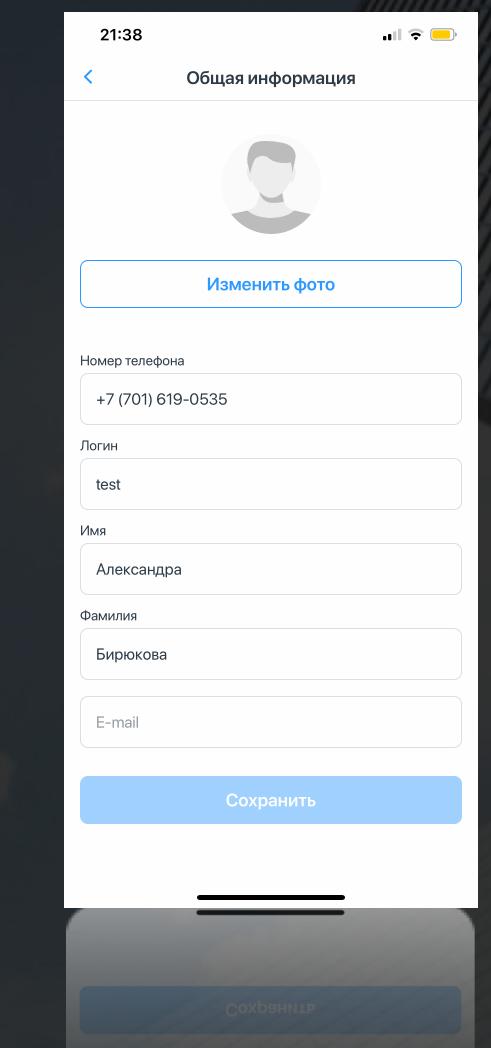
The initial view of Profile tab.

This view will contain short profile information from ProfileInfoView.

Tapping on «General info» will segue to ProfileInfoView

Tapping on «Language» will open action sheet with 3 languages. Choosing of language will change app language

(All texts will be in localization files)



ProfileInfoView

On this view user will be able to type some information:

phoneNumber, login, first name, last name and e-mail.

Moreover, user can choose avatar image from phone gallery or camera.

05. Structs

```
enum TransactionType: CaseIterable {  
    case cash, card  
}  
  
struct Transaction {  
    var name: String  
    var description: String?  
    var amount: Double  
    var type: TransactionType  
    var createDate: Date  
    var place: TransactionPlace?  
}
```

```
struct TransactionPlace {  
    var name: String?  
    var address: String?  
    var description: String?  
    var transactions: Int = 0  
    var categories: [String] = []  
    var openTime: Date?  
    var closeTime: Date?  
    var isFavourite = false  
}  
  
enum TransactionsCount: String {  
    case zero = "0"  
    case between0and10 = "1 - 10"  
    case between10and25 = "11 - 25"  
    case moreThan25 = "25>"  
}  
  
struct TransactionPlacesFilterModel {  
    var count: TransactionsCount?  
    var categories: [String] = []  
    var onlyFavourites = false  
    var startDate: Date?  
    var endDate = Date()  
}
```

Home

Transaction places

Profile

```
enum AppLanguage: String, CaseIterable {  
    case kk  
    case ru  
    case en  
}  
  
struct Profile {  
    var firstName: String?  
    var lastName: String?  
    var login: String?  
    var phoneNumber: String?  
    var email: String?  
    var transactions: [Transaction] = []  
    var places: [TransactionPlace] = []  
}
```