FUNGO MOBILE APP
PROJECT OUTLINE

General information

FUNGO mobile app must provide users from any country and/or city with one of the friendliest and easiest tools:
- to find the most appropriate event to one's interest;
- to submit own events
  - promote them to public or to a defined group of people (app users);
- to see events/places of interest of your friends and share your own ones with them.
- to get notified about events auto-collected by the neural network algorithm on the basis of user's previous choices and searches.

At the next stage of the project development (depending on the app popularity growth) the team can consider an option to integrate the payment system to allow app users to reserve and buy tickets for their events.

Mobile app block scheme

https://www.mindomo.com/ru/mindmap/mobile-app-fungo-e03a435328a941a0911f4f1c948b705d

General goal

The goal is to develop and to launch a mobile app which will let:
- find the most appropriate event for you here and now;
- to host your own event and promote it highly and widely as never before;
- to see events which your friends (from the contact list) choose to attend;
- customize events you see in the main menu by setting Favorites.

Public outreach

- Across a country (can be launched in any country)
- During the first month:
  - From 100 hosters' events per 1 day;
  - From 1 000 to 4 000 users per day in 1 city;

Application structure

- User mobile app
- Admin control panel

Technical requirements

- User's mobile app platforms:
  - iOS
  - Android
- User's mobile app software languages:
  - Java
  - C#
  - Python
- Admin Control Panel (ACP) for desktop computers: software languages will be chosen by developers' team before the development. ACP will be implemented for Windows and Mac OS platforms:
  - Java
  - C#
  - Python
  - C++
- Personal data storage and security to comply with the State internal legislation
- Mobile app Interface languages:
  - Russian

- ○ English
- ○ Ukrainian
- ○ German
- ○ French
- ○ Spanish

Integration

- Integration with main payment system: VISA, MASTERCARD
- Integration with main map services: Google maps, Yandex maps

API integration
- ○ importing the updated list events from partner-sites: https://afisha.yandex; vgorode.ua; Facebook; VK, etc.
- ○ importing the list events from hosters' sites and services (please, notice: hosters are FunGo users with business tariff accounts).

FunGo mobile app structure and functionality

Admin control panel

User interface
- General settings
    - ○ Cities
    - ○ Tariffs
    - ○ Maps
    - ○ Agreements
- Accounts Management
    - ○ Create/Delete Accounts
    - ○ Manage white/grey/black list of users' accounts
        - ■ Add
        - ■ Move to
        - ■ Remove
        - ■ Block user accounts

Please, notice:
- the blacklist is a list of users with some disabled options (due to proved claims received from other users);
- the white list is a list of users whose accounts can't be locked (VIP-users, testers' accounts, etc.),
- the grey list is a list of users whose activity has claims from other users and subject to be checked by the support team;
- Event & Ads Moderation
    - ○ Manage ads
    - ○ Manage public events

- Category Management
    - Add category
    - Edit category
    - Remove category
    - Manage Category Content
- Analytics
- Support
- System settings
    - Business roles[1]
        - Management team
        - Support team
        - Financial team
        - Marketing team

Functional requirements

The admin control panel is an administrators' control panel which provides the full control over the main aspects of event management:

- General settings
    - To add cities where the app is launched
    - To set and edit tariffs valid for different user types
    - To implement maps of locations where the app is launched
    - To add and edit agreements
- Accounts Management
    - To edit/delete users' accounts
    - To manage white/grey/black list including:
        - Adding
        - Moving to
        - Removing
        - Blocking user accounts
- Event & Ads Moderation
    - To manage ads from users and 3d parties (to launch their promos, articles, etc)
    - Bring all public events comply with the user agreement
- Category Management
    - To add a new category
    - To edit an existing category
    - To remove an existing category
    - To manage category content
- Analytics
    - To upload and export reports in accordance with preset algorithms and forms;
- Support
    - To manage feedback and and address complaints received from users;
- System settings

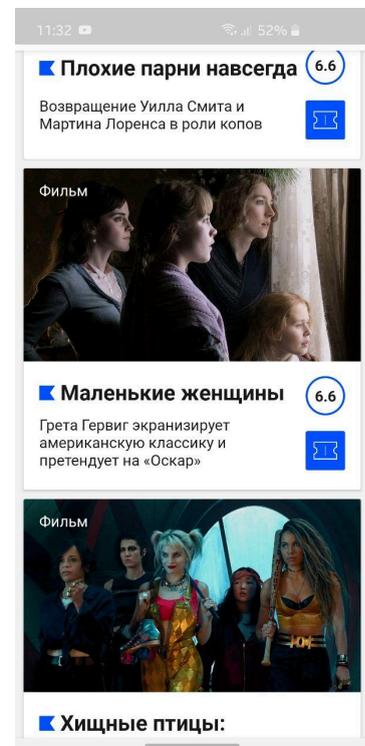[1] The access levels will be defined and set up during the testing stage.

- ○ To allow and restrict access to the management application in accordance with the role assigned:
    - ■ Business roles
    - ■ Management team
    - ■ Support team
    - ■ Financial team
    - ■ Marketing team

User mobile application

User interface

- **Header menu**
    - ○ Calendar
    - ○ Map
    - ○ Left side-menu (General settings)
        - ■ Category
        - ■ Your city
        - ■ Profile menu
            - ● Personal data
                - ○ Name, Family name
                - ○ Date of birth
                - ○ Email address
                - ○ Log-out
            - ● Account tariff
                - ○ Business-account (monthly subscription fee)
                    - ■ Credit card applying or singing a contract
                    - ■ Balance control and payments
                        - ● Bills submitted
                        - ● Bills paid
                        - ● Monthly service ticket
                    - ■ User Agreement
                    - ■ Scans of legal documentation attached
                - ○ Economy account
                    - ■ User Agreement
            - ● Your favorites
                - ○ Check/delete the favorite ones from the category list
                - ○ Check/delete the favorite ones from the hoster list

            - ● Profile settings:
                - ○ Color menu settings
                - ○ Show only favorites
                - ○ Notification
                - ○ Push-ups
                - ○ Let friends see my choice
                - ○ Notify about friends' choice

- About us
  - Company name, address
  - Version #
- Support channel data
  - Chat-service
    - User's issue
    - Hoster's issue

- **Footer menu**
  - Events (the main start page)
    - List of all events (business promos first)
      - Cinema
      - Tap to go
      - Rate your event
      - Leave your feedback
    - Concerts
      - Tap to go
      - Rate your event
      - Leave your feedback
    - Category ....
  - Favorites
    - List of favorite category events (business promos first)
    - Calendar
    - Choose your date
    - Rate your event
    - Leave your feedback

  - Friends
    - The list of event my friends have chosen to attend
    - On the map
    - Show my friends' events on the map
  - Submit event
    - Category
    - Event name
    - Date/time (from/till)
    - Duration (days)
    - Address
      - Address verification (no private places allowed for public events)
      - Show on the map (for events w/o address)
    - Whom to notify
      - Public
      - Private
        - Choose from the Contact List

- ■ Highlight event
  - ● Move up
  - ● Prolong

Functional requirements

The first launch of FunGo mobile app

- ● **Registration**
  - ○ At the first start of the app users must land on the registration page and have the option to register with email, to set up a password, to choose an appropriate tariff and provide all necessary information in accordance with the tariff chosen.
    Please, noice: in case of password loss, the functionality must provide an option for the password recovery.

- ● **Setting up of favorite event list**
  - ○ To filter the list of events of interest, users must have the option to choose the favorite ones in the sections of all categories of events and the list of hosters. From henceforth the user will be able to switch to her/his list of favorite events in the Favorite section (footer menu).

User mobile app functionality

- ● *Header menu:*
  - ○ Calendar: the app allows users to choose an event date
  - ○ Map: the app allows users to see an event on the map in relation to her/his own current location;
  - ○ Left side-menu (General settings):
    - ■ Category: the app allows users to edit (add/delete) the list of favorite categories and hosters;
    - ■ Your city: the app allows users to pick up a city manually from the list of cities, in which the app is present;
    - ■ Profile menu
      - ● Personal data
        - ○ Name, Family name: the app allows users to edit personal data;
        - ○ Email address confirmation: the app allows users to edit email;
        - ○ Log-Out: the app allows users to sign out from the account and to sign-in back with the same or other account;

      - ● Account tariff
        - ○ Business-account (monthly subscription fee)

- - - - ■ the app allows to submit a credit card credentials
        - ■ the app allows business tariff users to monitor and control payments and the current account balance;
            - To allow business tariff users see bills submitted
            - To allow business tariff users see bills paid
            - To allow business tariff users see monthly service ticket (the list of provided services)
        - ■ the app allows to agree (to) and monitor the User Agreement
        - ■ to attach scans of legal documentation (entity registration documents)
      - Economy account
        - ■ User Agreement: to agree to and monitor the User Agreement;
  - Your favorites
    - Check the favorite ones from the category list
    - Check the favorite ones from the hoster list

  - Profile settings:
    - Color menu: to allow to choose a background color (white, dark)
    - Notification
      - ■ Push-ups; to allow/disable push-up notifications from chosen categories and hosters;
      - ■ Let friends see my choice: to allow/disable the option for your friends to see your list of events marked for attending;
      - ■ Notify about friends' choice: to allow/disable the option to see the list of events marked by your friends for attending;

    - ■ About us
      - To display company name and its current address;
      - Version #
    - ■ Support channel data
      - Chat-service
        - ■ To provide users with the option to claim an issue;

- *Footer menu:*
  - Events (the main start page)

- List of all events (business promos first)
  To allow users monitor and scroll the full list of events filtered in accordance with positions of categories in the full list subject to events from business tariff users are displayed at the top of the list.
    - Tap to go: to allow users to mark an event as an event of interest;
    - Rate your event: To allow users to rate and/or leave a feedback
    - Recommend an event: to allow friends to see an event in their list as recommended by you;

- Favorites
  - List of favorite category events (business promos first):
    To allow users monitor and scroll the list of events filtered in accordance with positions of <u>favorite</u> categories subject to <u>corresponding</u> events from business tariff users are displayed at the top of the list.
  - Tap to go: to allow users to mark an event as an event of interest;
  - Rate your event: To allow users to rate and/or leave a feedback
  - To recommend an event: to allow friends to see an event in their list as recommended by you;

- Friends
  - The list of event my friends have chosen to attend
    To allow users monitor and scroll the list of events filtered in accordance with choices made by your friends (app users from your smartphone contact list) subject to <u>corresponding</u> events from business tariff users are displayed at the top of the list.
  - Show my friends' events on the map

- Submit event
To allow user to add their own events in accordance with their tariff previously chosen by filling up the following fields:
  - Category
  - Event name
  - Date/time (from/till)
  - Duration (days)
  - Address
    - Address verification (no private places allowed for public events)
    - Show on the map (for events w/o address)
  - Whom to notify
    - Public
    - Private
      - Choose from the Contact List
  - Highlight event

To allow users actively promote their events by moving them up at the top of the list of a category chosen or prolonging the previously set up period of promotion by activating the following options:

- Move up
- Prolong