
Industry (services): Chatbot for the fast events search within the city

Dmitry Evstigneev
Vladimir Litash

Presentation plan

Page 3 - main concept of the project

Page 4 - market overview

Page 5 - stages of the project

Page 6 - implementation of the bot

Page 7 - customer side





Main concept

The goal is to create an electronic assistant that will help the user to search for different events/activities within the city

There are several pros and cons that need to be considered

Pros:

- Huge client base (bot for local citizens and tourists)
- Easy to implement to nearly all social networks
- Great growing potential of the chatbot

Cons:

- Idea is not innovative what leads to high competition
- Initially the idea is not commercial – no money/investments

Market overview

As one of the drawbacks of the project idea, it was stated that a huge number of competitors takes place and because of the fact that idea is not innovative

Solution: To create an accessible and affordable for everyone, in term of price, chatbot to beat some of the competitors

In case of our project, the bot will be completely free and will be implemented in VKontakte

Within the graph:

Axis Y – shows the level of bot’s accessibility - if the bot is placed on the separate website, then it would be inconvenient to use, if it is implemented within the social network (such as VK), then it would be highly accessible.

Axis X – it shows if the bot takes any charge from the user for its usage



Stages of the project

Within our project, several steps were done

1

Formulating the idea

Within this stage the plan of the project was formulated. It was needed in order to understand the volume of the work and the following steps

2

Writing a program

On this step the program was needed to be written in the Python and without this stage the whole project would be meaningless

3

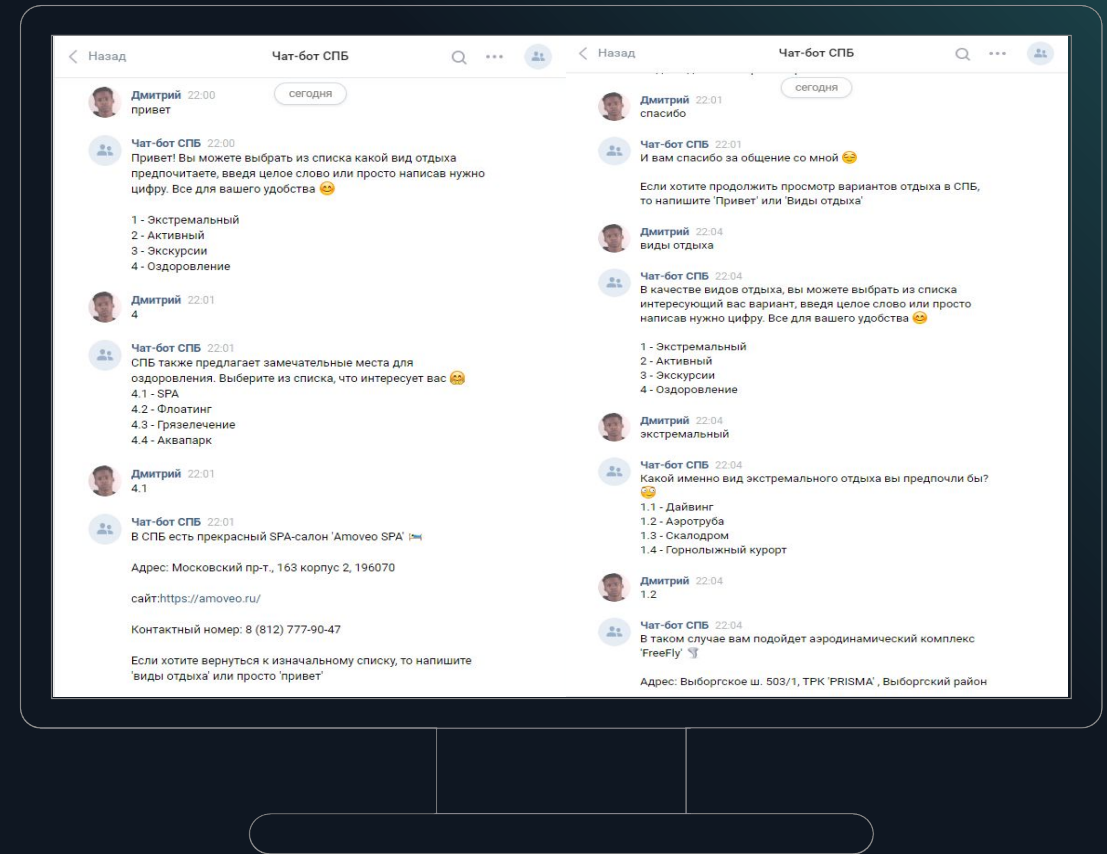
Implementing the bot in VK

The final stage. This is where the group in VK was created in order to make our chatbot and download the token from it

Implementation

The bot is working in 24/7 mode. There is some information about the bot :

- Bot is able to process both the text and number inputs. However, the inputs should be correct without any mistakes
- The capitalization of letters does not matter. The bot processes all types of letter capitalization.
- The response time of the bot is pretty fast, but because of the fact that it is placed on the free server, sometimes the first message from the bot could take some time.
- The bot itself is a group in VK. Therefore, to start a conversation it is needed to write to the group first.



Customer side

- The following project/idea could be implemented to guide tourists for different activities or to show vivid places of the city
- Moreover, this bot could help people by suggesting them different places according to users preferences.
- While growing up, the bot could start to be monetized by showing users places which bought advertisement from the bot.
- This bot is needed because majority of people nowadays suffer from the excess of the information. Bot will do this job for people!

