

About SuperBot

i *A short description of your bot*

SuperBot is a simple marketplace. Users can publish advertisements, search for them, contact sellers. Moderators check advertisements and complaints, the administrator assigns moderators and adjusts some bot's parameters

User Interface

i *Let's describe the interface of each role: user, moderator and administrator. It can be built using commands (convenient for simple bots and quick access to features), multi level menus (the most intuitive method), or combined. Better use such a concept as "scenario" or "scene" – an isolated section of a bot, like a website page, where a user solves one task. Navigation menu is a special case of scenes, the simplest one. There are also complex scenes, consisting of multiple stages*

Role: User

Commands:

- **/start main menu** -> **Main menu**
- **/help help** -> sends the message that is set by the administrator

Scenes:

- **Main menu**

Select the action

My ads	
Search	
Settings	Help

Help -> sends the message that is set by the administrator

- **My ads**

Select the action

Active ads - N

Inactive ads - N
 Create an ad

(inline)

- **Active ads**

Active ads

A	B
C	D
E	F

	Page 1 - N	
 Go back		

(inline)

- **Create an add**

- Send the title

 Cancel
--

(inline)

- Specify the cost in \$

Free
 Go back
 Cancel

(inline)

- Possible exchange

Yes	No
 Go back	
 Cancel	

(inline)

- ...

- ...

- **Inactive ads**

- ...

- **Search**

- ...

Role: Moderator

Commands:

- ...
- ...

Scenes:

- ...
- ...

Role: Administrator

Commands:

- ...
- ...

Scenes:

- ...
- ...

Other functions

i *Functions or features that were not described in the UI section*

1. Every 30 days, the user is asked if his ad is still relevant. If there's no confirmation within three days, the ad is deactivated
2. Every midnight, the administrator is sent a short report of the amount of published and deleted ads, complaints and new users
3. ...

Error handling and limits

i *If you want SuperBot to be user-friendly and stable, you might also define limits and responses to incorrect user behavior*

1. If the input is incorrect – respond with “Incorrect input” + the required input format
2. If the user tries to add a 101th ad – respond with “*You cannot publish more than 100 ads*”
3. ...

Hosting

i *The choice is usually between cloud platforms (e.g. Heroku, AWS, Google Cloud) and a server. Servers are more popular in this niche due to the pricing (you can find a VPS for \$1/mo) and mobility, platforms are easier to control and scale. By default, I create bots for servers, to be precise, for containers that can be easily deployed on any server*

VPS on Ubuntu 20+

Additional requirements and wishes

1. ...
2. ...