

Group Managing Bot

Here is described how is this bot working and what data is needed:

A user has: **ID, username, name, surname** and can be an administrator of a specific group, one or more.

Groups also have: **ID, group link, users** and every user in a group can have different states, such as: *user is admin, user is spammer, and user has been warned*.

In addition, a group can have *polls and events*.

Admins have the power to mark users for their messages to be revised: for example, if a user has sent some spam messages, but it is active in the group, can be marked as "in revision", so all his messages need to be approved by an admin.

Polls have a **description**, a **title**, **options** and **multi-vote**. The polls can be closed/opened by the user, and can have multiple answers (no limit provided).

Finally, an admin can create an event for a group that will have a **description**, a **title**, a **price**, a **location**, **date** and a **long description** (*long_description* is an URL to a telegra.ph page). In addition, a button is created in order to know how many users are going or thinking to go or not going.

Other params to be considered are: user can request all pinned messages, rules of the group, stickers enabled, bots enabled, links automatically shortened, group link and message link (probably implemented in Python, not database). In addition, a group can have all messages **blocked** and only admins can write.

Also an AI should be implemented in order to detect spam messages automatically.