# 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**. 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.