

DISCORD ATTENDANCE BOT

DOCUMENTATION

Description

This document contains the list of commands and dated progress for the Discord Bot called "Attendance Bot". When called, the bot takes attendance for a class at a certain interval, then sends the results to the user who called it.

The bot was written in C# with the DSharpPlus library.

Authors

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Commands

| Command Name | Parameters (* = required) | Description |
|--------------|--|---|
| +help | cmd [Command name] | The 'help' command has one optional parameter 'cmd' which will output either the given command's description, or it will output the list of all commands. |
| +attendance | class time [Time] poll frequency [Time] | The 'attendance' command has two optional parameters; 'class time' (default: 60m), 'poll frequency' (default: 20m). '+end' can be sent in the channel to end class early. |

History

April 1st, 2020

- [MAXENCE ROY] Discord group created to discuss the project.

April 13th, 2020

- [EVERYONE] Team Meeting (~ 1h): Project decided and approved by the teacher.

May 9th, 2020

- [FABIEN H. DIMITROV] GitHub repository created.

May 11th, 2020

- [EVERYONE] Team Meeting (~ 1h): Roles assigned:
 - Attendance Poll - Fabien
 - Help & Automation - Jordan
 - Create files & DM people - Brent
 - Link Users & Documentation - Maxence

May 16th, 2020

- [MAXENCE ROY] Google Doc for documentation created.
- [BRENT PEREIRA] Discord bot setup and attendance command added.

May 17th, 2020

- [BRENT PEREIRA] Auto-creation of attendance report implemented.

May 19th, 2020

- [BRENT PEREIRA] Auto-send of attendance report implemented.

May 21st, 2020

- [BRENT PEREIRA] Auto-send of absence message implemented.
- [JORDAN MCINTYRE] Info command added.

May 22nd, 2020

- [JORDAN MCINTYRE] Info command fully implemented.

May 23rd, 2020

- [FABIEN H. DIMITROV]
 - Branch “fabian” created on repository.
 - Poll voting validation implemented (filters out fraudulent votes).
- [JORDAN MCINTYRE] Message embedding for the help command added.
- [BRENT PEREIRA]
 - Branch “Brent” created on repository.
 - Changed generation of attendance report so that it no longer needs external file information file.
- [MAXENCE ROY] Branch “maxence” created on repository.

May 26th, 2020

- [JORDAN MCINTYRE] Merged branches into main.

May 27th, 2020

- [EVERYONE] Team Meeting (~ 1h): Discussing final adjustments.
- [MAXENCE ROY] Added profile pic to the bot.
- [FABIEN H. DIMITROV] Updated the poll validation process.
- [BRENT PEREIRA] Fixed the reading of user rolls.

May 28th, 2020

- [FABIEN H. DIMITROV]
 - Added generation of attendance stats at the end of class.
 - Fixed minor time-constrained polling bugs.
 - Fixed previously failed merge conflicts.
 - Added comments/style.
 - Updated help messages for the Help command.
- [JORDAN MCINTYRE] Teacher validation added for attendance command, message embed added with it..
- [MAXENCE ROY] “End” command implemented.
- [MAXENCE ROY] Documentation done.
- [EVERYONE] Peer review of code and team evaluation.

- BOT FINISHED.