Working Prototype Known Problems Report

Product Name: RoommateHelper
Team Name: Super Power Rangers
 Date: 5/30/2022

List of functions not working correctly
- Alarms for multiple servers

Other Issues
- If the bot goes down, all users of the service will have to do continueSchedule to have scheduled messages
- If the bot starts operation near the end of the minute, innate latency can possibly cause the scheduler to be off by a minute
- Depending on who is running the bot, there could be issues as not all bots have all the APIs installed needed
    - FFMPEG needed for music bot
- Alarms can be set for past times and will activate the next minute/time the bot checks
- stopScheduling and scheduling a new message will start stopped schedules to continue assuming their time has not passed yet
- If a message is scheduled for one channel and another message is scheduled for another channel, scheduled messages will appear in the first channel
- If an incorrect url is provided for the music bot, it will stop until skipped
- For some features, not providing a required parameter results in an exception, such as if I type the command "=debt". In the console, I would see the message: "discord.ext.commands.errors.MissingRequiredArgument: name is a required argument that is missing." The Discord bot ignores these exceptions, so it does not cause any visible problems for the user. Similarly, providing an unknown command throws a CommandNotFound exception, which is also ignored by the bot.
- When using the "=setCity <city>" command, if the <city> you specify is a city in multiple regions/countries (like Santa Cruz for example), there is no guarantee that you will get the specific city you intended. To remedy this, you may be more verbose with the command and do something like "=setCity Santa Cruz, CA, USA"
- When using the "=places <query>" command, if <query> is nonsensical or empty space(s), a URL will still be returned to the user, but once it is loaded in a browser it may not give functional results.
- When using polls, adding a value that isn't an integer to the number of votes will display a BadArgument error ("discord.ext.commands.errors.BadArgument: Converting to "int" failed for parameter "vote".")