

**Are you tired of using all  
these apps just to keep up  
with online classes?**



# Introducing DisClassroom

- Samuel Mathew (20BCS116)



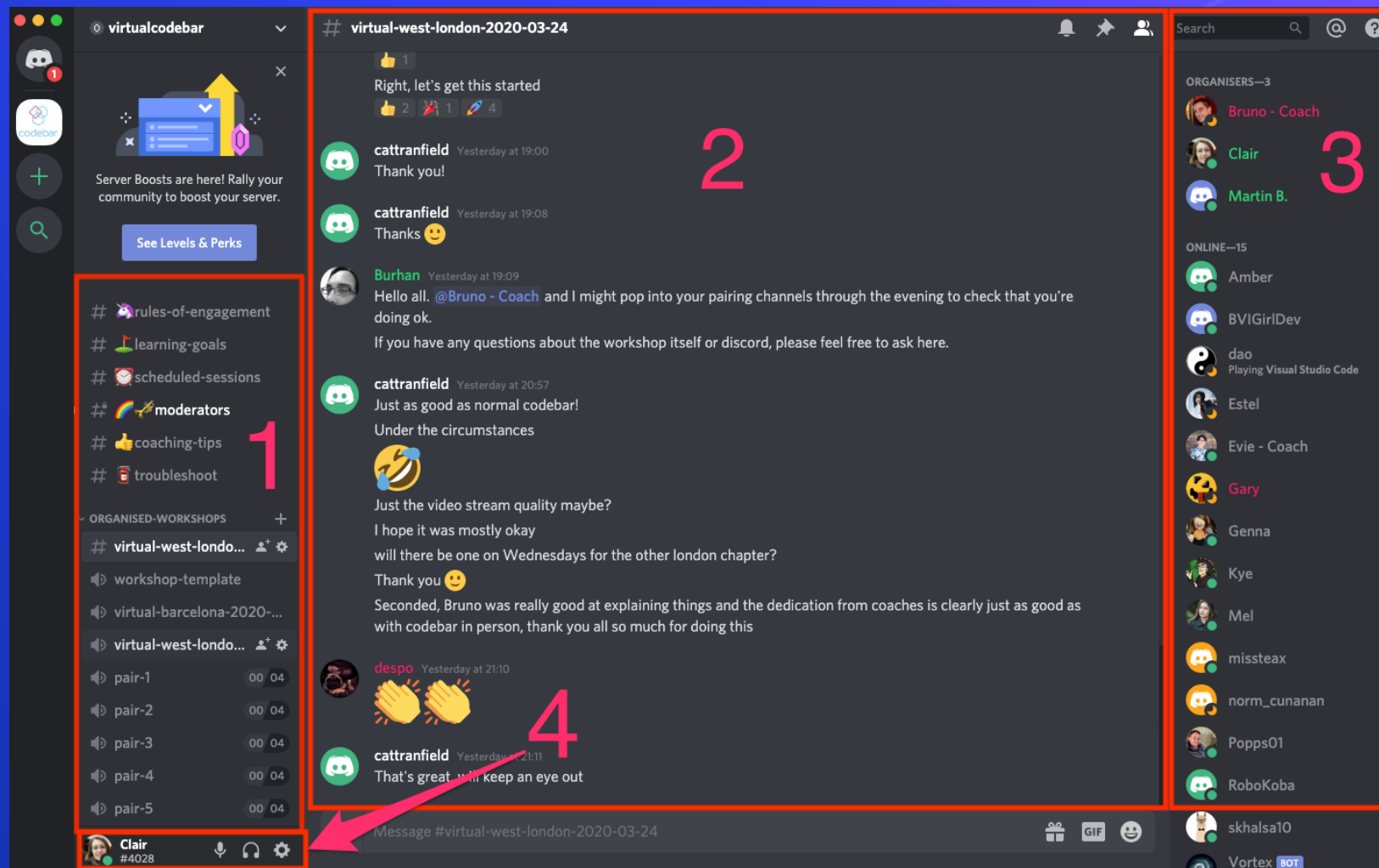
# Objective

- ⬡ To help schools and colleges, during these unprecedented times of the pandemic, manage their online classes all in one place: Discord.
- ⬡ Discord is a social media platform that has gained enormous popularity in recent times, with over 150 million monthly users, increasing 200% since 2019, due to the pandemic.

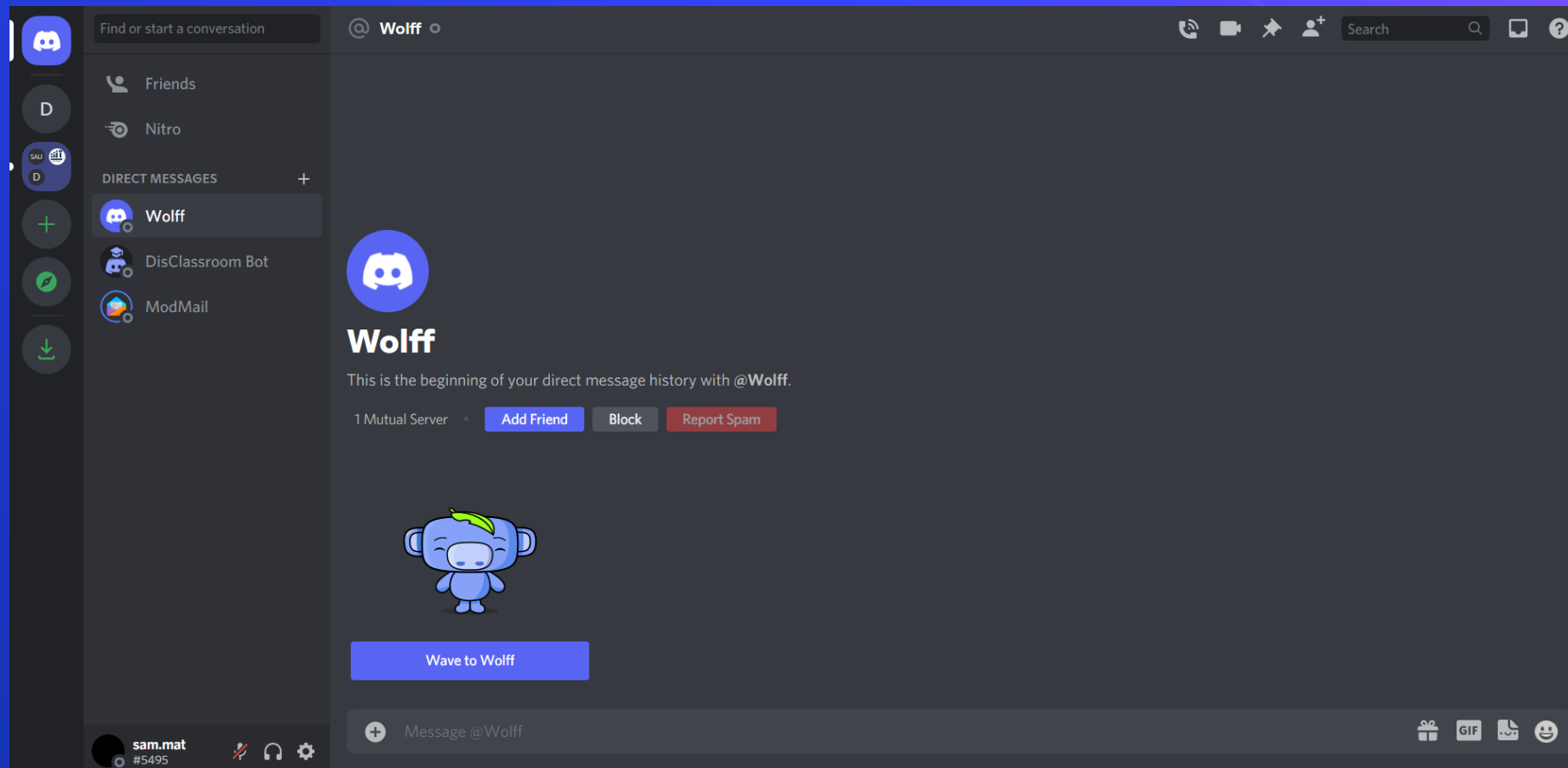
# Why did I decide to make this project?

- ⬡ The last year spent entirely attending online classes inspired me to come up with my own solution to make online classes less cumbersome.
- ⬡ Discord seemed like the perfect choice as it is an easy-to-use application, loaded with a bunch of cool features, available on all platforms and devices, and many schools and colleges have already opted to use Discord as a platform for online classes.

# A brief about Discord



# A brief about Discord



# Technical Details

- ⬡ Discord allows for any user to create bot accounts and access their API, add functionalities to the bot and use it for various purposes.
- ⬡ Interact with the Discord API, using its most popular API wrapper for Python, discord.py.





# Software/Hardware Involved



Google Cloud  
(VPS)



discord.py  
(API Wrapper)



Relational  
Database



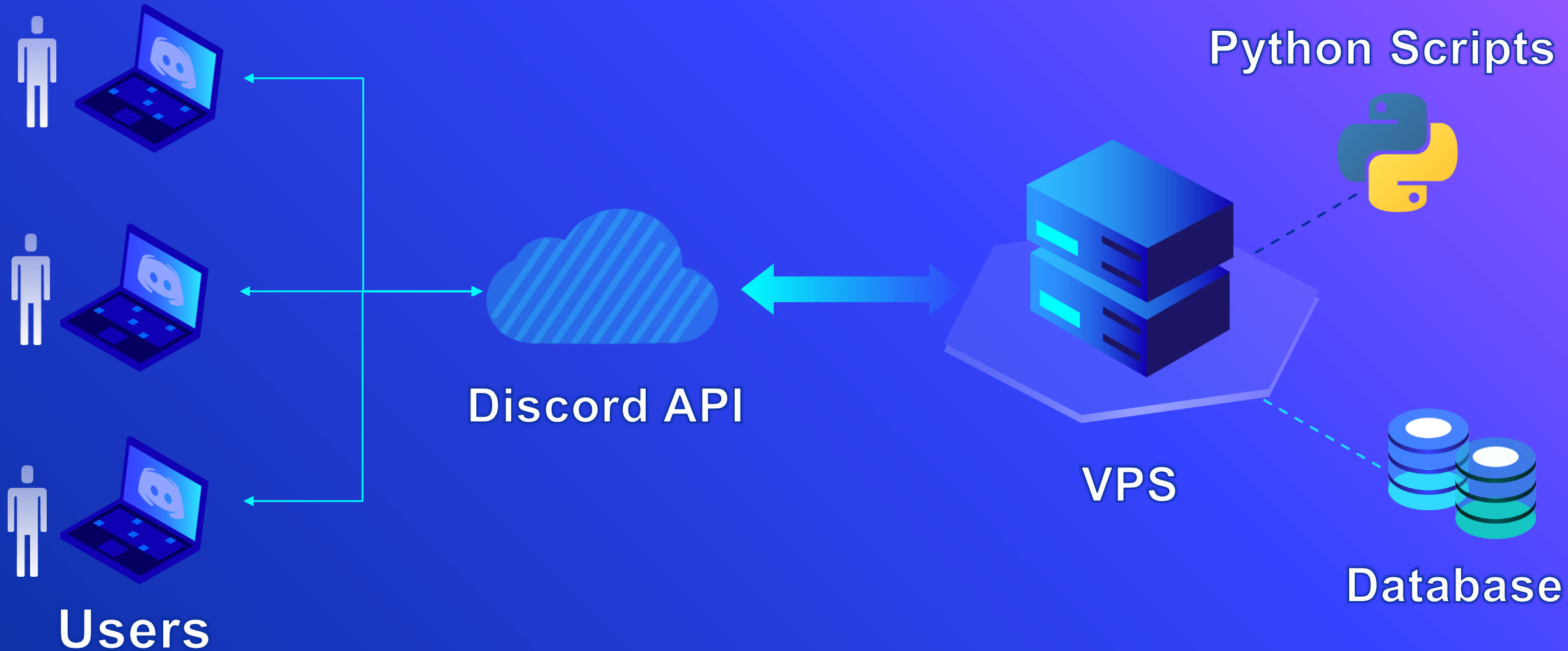
Google Sheets API



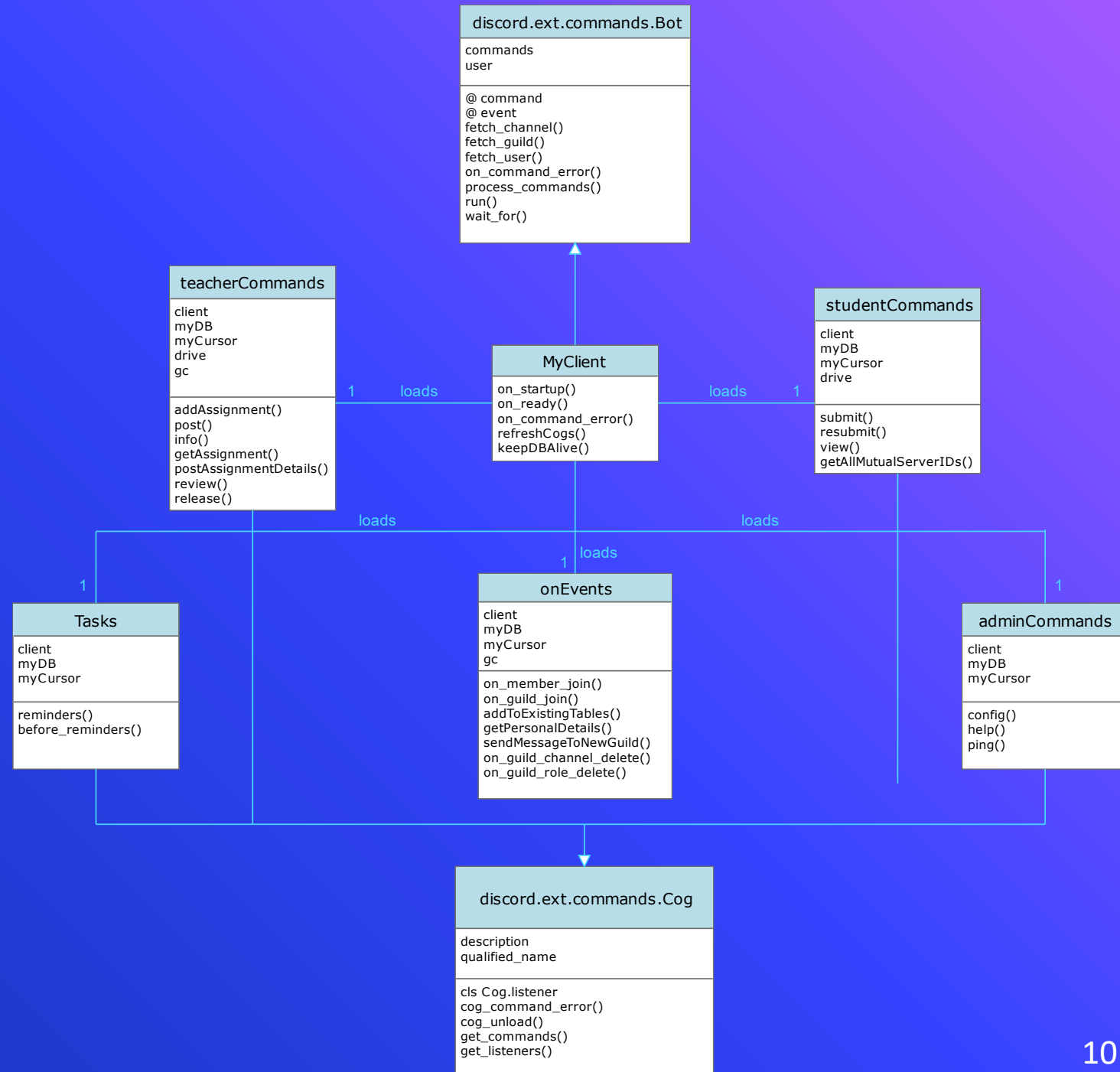
Google Drive API



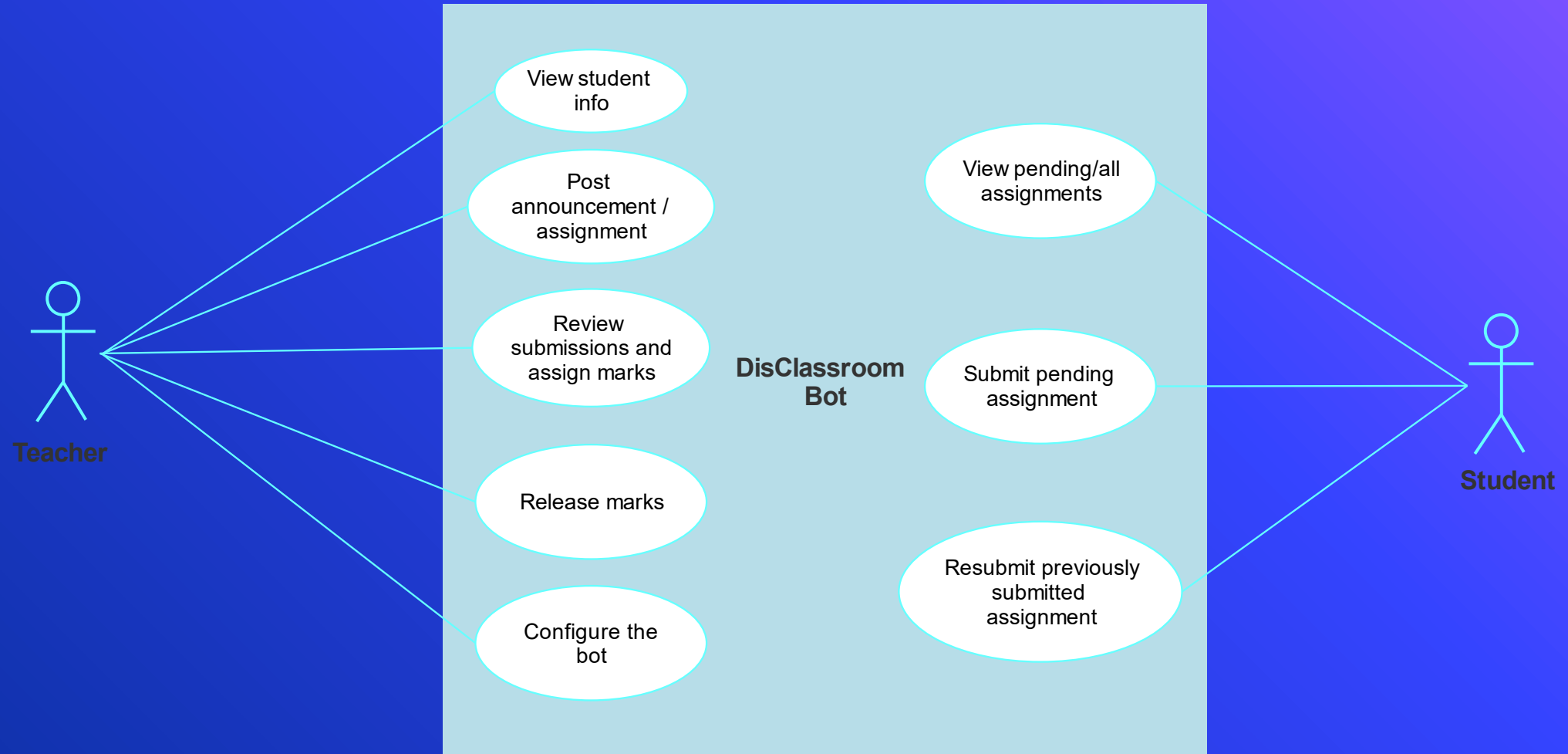
# Architecture



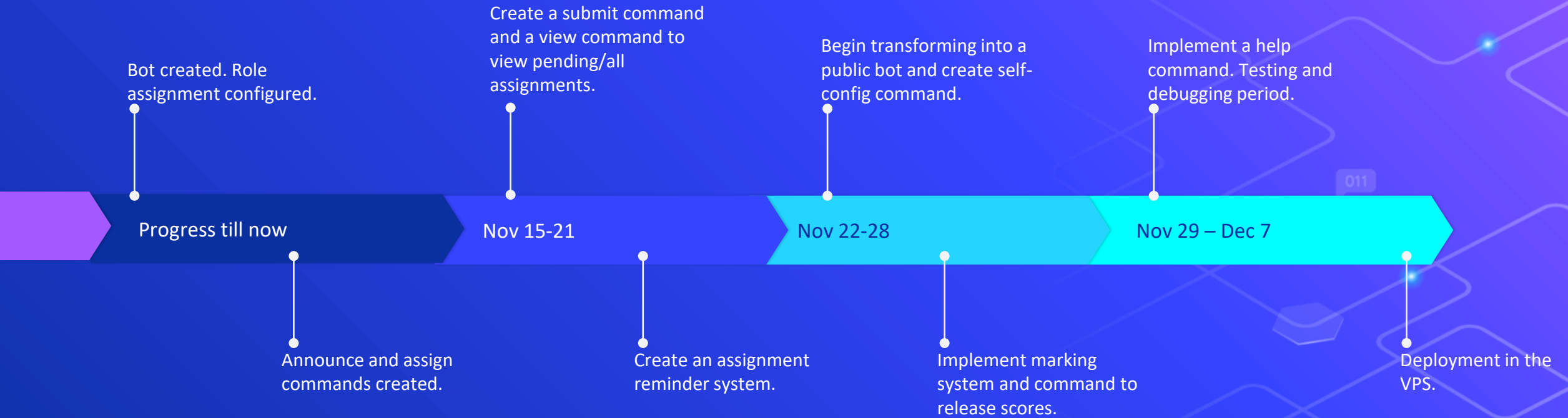
# UML Class Diagram



# UML Use Case Diagram

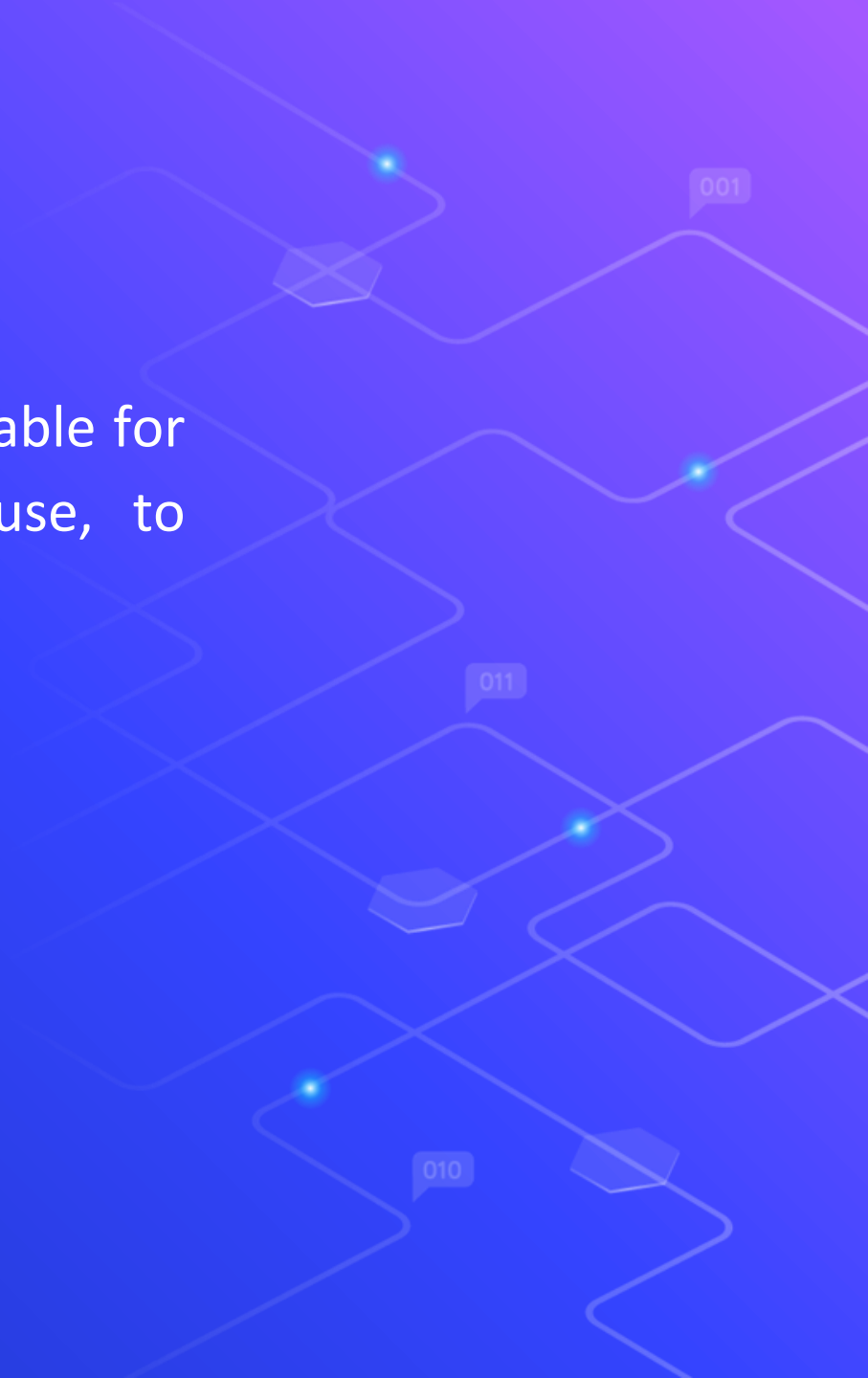


# Timeline



# Vision

- ⬡ To provide an open-source public Discord bot, available for servers of various schools and institutions to use, to manage their day-to-day online classes with ease.



# THANK YOU