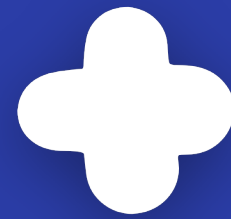
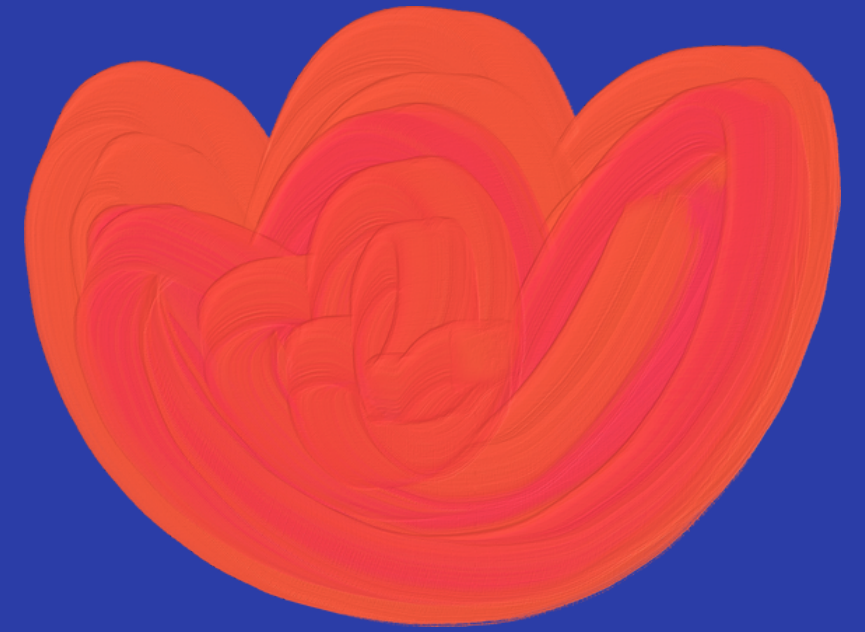




**DISCORD**



**AUTOGEN**

Enhancing Human Feedback Collection



**TEAM NAME: AI3**

**MEMBERS: JOE  
CHARLESWORTH,  
EMMANUEL GIWA**

AutoGen Hackathon by LabLab

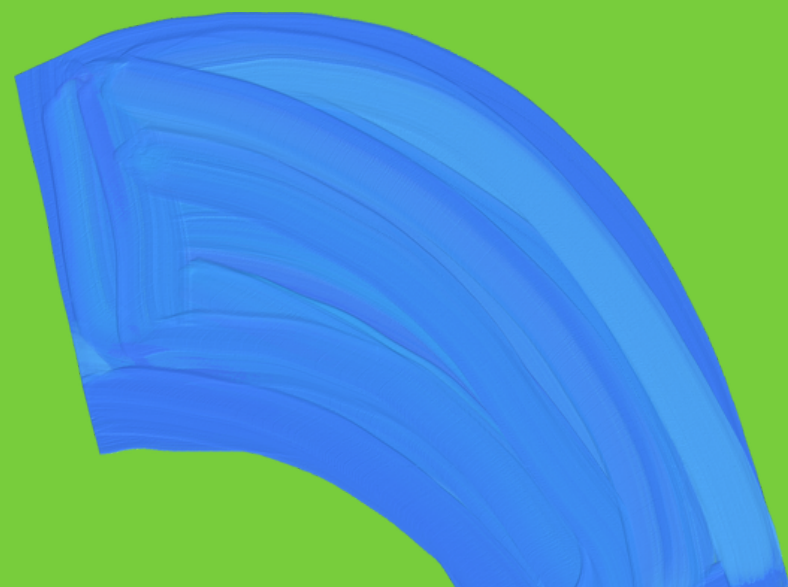
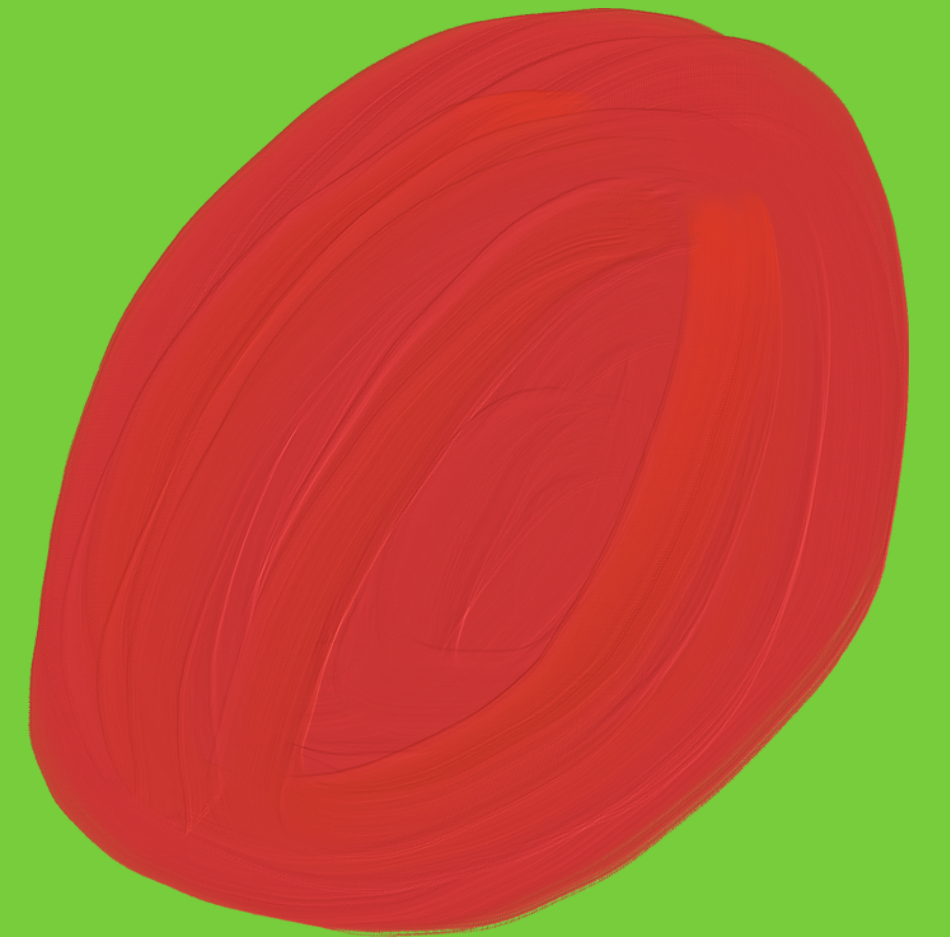
# OUR GOAL

Enhancing human feedback collection in AutoGen from terminal to Discord for a better user experience and broader accessibility.



# BACKGROUND

Autogen's current terminal-based feedback system is essential for human feedback collection but terminal usage requires technical acumen that deters many users and falls outside their normal workflows.





# OBJECTIVES

- **Ease of Use:** Facilitate effortless feedback provision by non-technical users.
- **Accessibility:** Enable feedback provision from any location, at any time via Discord.
- **Workflow Integration:** Smooth integration of Autogen's feedback process into daily business operations.
- **Product Adoption:** Broaden Autogen's user base by eliminating technical barriers.




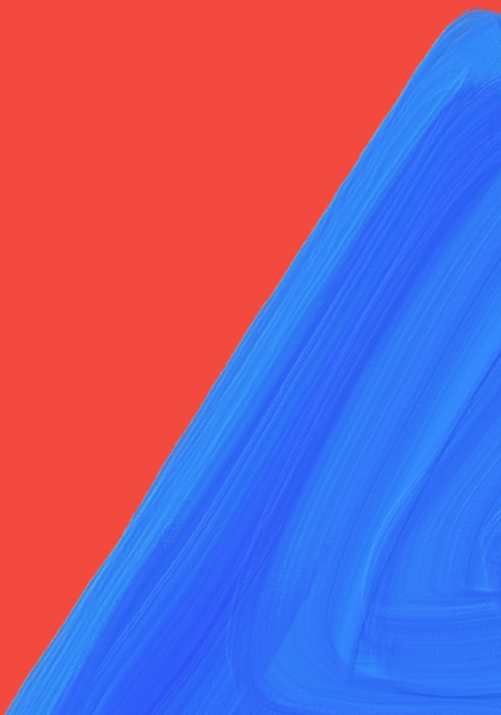
# TECHNICAL

Development of a custom Discord bot to mirror the `human_input_mode` parameter behaviors of Autogen's terminal-based system within a Discord chat environment.





# TECHNICAL TASKS COMPLETED

- **Understanding Current Feedback Mechanism:** Examine the `human_input_mode` parameter and its states within AutoGen's current system.
  - **Overriding the `get_human_input` method:** Within the AutoGen framework, call a new custom method `get_discord_input`, which will interact with Discord to obtain human feedback
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# TECHNICAL TASKS COMPLETED

- **Discord Bot Development:** Create a new Discord App and Bot user to capture and process human feedback on Autogen messages.
- **Channel Configuration:** Configure the bot to post to a designated Discord channel and accept human feedback.
- **Integration with Autogen:** Write code to bridge Autogen with the Discord bot, ensuring smooth communication between them.





# CONCLUSION

The Discord Integration with Autogen significantly improves user engagement, real-time feedback collection, and market competitiveness, aligning Autogen with every-day business workflows.

