



# Discord Focus Bot

The Discordians:

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# Problem Statement



- Discord servers need an automated way to remind members of tasks, events and results of actions on third party software
- Examples include:
  - Project tasks, Google calendar management
  - Meetups, workshops and lectures
  - GitHub pipeline passing/failing, pull requests, commit messages

# Proposed Solution



- Discord focus bot that automatically sends discord server members reminders on events and tasks at set intervals
- Privileged users can configure the bot to send notifications for specific events via sending command messages to the bot
- Bot would support reminders, git notifications, pomodoro technique and displaying deadlines
- Bot will encourage activity and engagement by sending exciting messages and reminders



# Project Goal

- Build an easy to use and feature rich Discord focus bot for discord servers
- Bot has functionality for reliably reminding users of events, tasks and actions performed on third party software (e.g. Git, Google calendar)
- Project will work towards providing a discord bot with these features and functions that are simple to use for Discord server admins

# Use Case: Configure Git Notifications for Bot



## 1. Preconditions

- Discord server admins can setup git notifications for the bot to send in a particular discord channel

## 2. Main Flow

- Discord server admin may choose which git notifications to send to a channel in the discord server.

## 3. Subflows

1. User inputs command to set certain notifications from a git repo to a Discord channel
2. Bot returns response that the git notifications will be sent to the channel
3. Bot continuously checks and sends git notifications to the channel

## 4. Alternative Flows

User is not authenticated to receive notifications from a private git repo



# Configure Git Notifications for Bot:

## Acceptance Criteria

Bot is configurable to:

- a. Enable/disable git commit messages to all or specific branches
- b. Send/not send git messages if the pipeline passes/fails
- c. Send/not send messages when a merge/pull request is made
- d. Mention Discord members linked from their GitLab/GitHub account if their specific git commit caused the pipeline to pass/fail