

## Black Box Test Plan

Project: Discord Focus Bot

Team Name: The Discordians

Team Members: Shreya Aravindan, Justin Turkiewicz, Geethika Abhilash, John Byman, Sheril George and Arav Tripathi

Test ID	Description	Expected Results	Actual Results
1. Create Taskboard (Justin)  Unit Test	<b>Preconditions:</b> User can access discord channel. /createTaskboard command is implemented <b>Steps:</b> User issues the /createTaskboard command in discord channel to create dashboard.	Taskboard is created in Discord Channel after create command. Bot sends message that new empty task board is started.	Did not implement
2. Edit task board (Sheril)  Integration Test	<b>Preconditions:</b> Taskboard has been created in a discord channel and User can issue commands to the Bot. /createTask, /deleteTask have been implemented. <b>Steps:</b> User issues /createTask command in discord channel to create the task in the taskboard. User issues /deleteTask with task number specified to delete	When adding task, bot sends message that task is added to task board. Issuing \showTask board command should include task just added. When deleting task, bot sends message saying they are deleting task. When issuing the /showTaskboard command, the deleted task no longer shows up	Did not implement

	the task on the task board.		
3. Show task board (Geethika)  Unit test	<b>Preconditions:</b> User can access discord channel.  <b>Steps:</b> User issues /showTaskboard command.	Bot sends message containing list of reminders.	Did not implement
4. Delete Task board (Justin)  Unit Test	<b>Preconditions:</b> User can access discord channel.  <b>Steps:</b> User issues /deleteTaskboard command	Bot deletes the task board from the discord channel	Did not implement
5. Add reminder for task in task board (Geethika)  Unit Test	<b>Preconditions:</b> A task with a deadline has been added to a created task board  <b>Steps:</b> User issues /setReminder command with task number from task boards and time for reminder	Bot messages that reminder is added to list of reminders. Discord bot sends message to remind channel of task due date at time specified	Did not implement project
6. Show reminders (Geethika)  Unit Test	<b>Precondition:s</b> User can access discord channel.  <b>Steps:</b> User issues /showReminders command.	Bot sends message containing list of all reminders. Bot sends “no reminders” if there are no reminders set	Did not implement

7. Delete reminder (Arav)	<b>Preconditions:</b> User can access the discord channel and has access to the tool.  <b>Steps:</b> User issues /deleteReminder Command to delete a specific reminder	Bot finds the specific reminder through the reminder number given and deletes it.	Did not implement
8. Set pomodoro timer (John)	<b>Preconditions:</b> User Can access the discord chanel and / or use the tool  <b>Steps:</b> User issues /startPomodoro command to start a timer of a specific time	Bot issues a command "Starting a [num mins] minutes Pomodoro timer!". Timer counts down, user can check the remaining time on the timer. User can pause timer with /pausePomodoro and resume it with /resumePomodoro. Bot issues a notification when timer is completed.	Did not implement project
9. Receive git notifications (Shreya)  Unit Test	<b>Preconditions:</b> User has access to Git repo  <b>Steps:</b> User issues /provideSummary command	Bot sends message containing an overall summary of recent git notifications. Bot lists the title, date, changes made to, initial commit made to, and the repository's name.	Did not implement

Send invalid command or command with wrong syntax	<b>Preconditions</b> User has access to the discord channel and can issue commands to the Bot. <b>Steps:</b> User sends a command with incorrect syntax to the Bot. Eg: /setReminders (instead of /setReminder)	Bot sends an error message indicating that the command is invalid and displays valid commands instead. “Invalid command, did you mean /setReminder?”	Did not implement.
10. Pause pomodoro timer (Sheril)	<b>Preconditions:</b> Pomodoro timer has been started  <b>Steps:</b> User sends a /pausePomodoro command to the discord focus bot.	The bot sends a message informing that it has paused the pomodoro timer and displays the time remaining in the pomodoro timer.	Did not implement.