

| | Test ID | Description | Expected Results | Actual Results |
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| 1 | MistypedName (Patrick) Black Box | <p>Preconditions: Using Slack, developers that are supposed to be in the system are there, have access to the Kanban board</p> <p>Steps: Pass a valid task to the ChatBot, Accidentally misspell the developer's name and not notice, receive a message notifying that the developer passed is not there</p> <p>Test inputs: Names of actual developers, misspelled developers</p> | <p>Test Outputs Actual Developers: expect for the message to be sent to that developer Fake developers: expect to receive an error message</p> | NOT USING ACTUAL CODE |
| 2 | NoTaskFound (Patrick) Test type Black Box | <p>Preconditions: Using Slack, developers that are supposed to be in the system are there, have access to the Kanban board</p> <p>Steps: Either misspell a task or select a task that is no longer valid, ChatBot attempts to retrieve the task but finds nothing, returns a message that has the valid tasks and let the user know the task passed doesn't exist</p> <p>Test inputs: Actual tasks from the Kanban board, fake/misspelled task</p> | <p>Test Outputs Actual task: expect for the message to be sent to a valid developer Fake task: expect to receive an error message, and a list of the valid active tasks on the Kanban board</p> | NOT USING ACTUAL CODE |
| 3 | Basic /todo command (Tyler) Black box | <p>Preconditions: Bot is installed and accessible in the Slack workspace.</p> <p>Steps: Type in the command /todo and have a message with the command that represents a task to be added to the todo list.</p> | The output should be that the task was added to the todo list | NOT USING ACTUAL CODE |

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| | | Inputs: <i>/todo message</i> | | |
| 4 | <p>Basic <i>/inpo</i> command (Tyler)</p> <p>Black box</p> | <p>Preconditions: Bot is installed and accessible in the Slack workspace.</p> <p>Steps: Type in the command <i>/inpo</i> and have a message with the command that represents a task to be added to the in progress list.</p> <p>Inputs: <i>/inpo message</i></p> | The output should be that the task was added to the inpolist | NOT USING ACTUAL CODE |
| 5 | <p>Basic <i>/done</i> command (Krishna)</p> | <p>Preconditions: Bot is installed and accessible in the Slack workspace.</p> <p>Steps: Type in the '<i>/done</i>' command, along with the name of the task (this is the message in the list)</p> <p>Inputs: <i>/done message</i></p> | Expect an existing task to be moved to the "done" list. If the task doesn't exist, we should be notified of such case | NOT USING ACTUAL CODE |
| 6 | <p>Basic <i>/kanban</i> command (Krishna)</p> | <p>Preconditions: Bot is installed and accessible in the Slack workspace.</p> <p>Steps: Type in the <i>/kanban</i> command</p> <p>Inputs: <i>/kanban</i></p> | Expect the kanban board to be listed in terms of all tasks in the "todo", "inpo", and "done" lists | NOT USING ACTUAL CODE |
| 7 | <p><i>/todo assign task</i> (Hunter)</p> | <p>Preconditions: Bot is installed, the user calling the command is a supervisor and has the permissions. The task has already been created.</p> <p>Steps: Type in <i>/todo assign</i> with a task and username after the assign</p> <p>Inputs: <i>/todo assign <task> <user></i></p> | Expect a bot response confirming the task has been assigned; expect a confirmation sent to the user to inform them of the assignment and change to the todo list. If the user is invalid, expect | NOT USING ACTUAL CODE |

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| | | | an error response stating so. | |
| 8 | /inpo assign task (Hunter) | <p>Preconditions: Bot is installed, the user has permissions to assign tasks, such as being a supervisor. The task has already been created and exists in the inpo list.</p> <p>Steps: Type in /inpo assign with a task and a username after.</p> <p>Inputs: /inpo assign <task> <user></p> | If the username or task is invalid, expect an error message sent to the person that called the command. If both are valid, expect a confirmation message/alert to both the command caller and user the task was assigned to. | NOT USING ACTUAL CODE |
| 9 | /done assign task (Tyler 2) | <p>Preconditions: Bot is installed and the user has access to task assignment. The task is completed and ready to be marked as done.</p> <p>Steps: Type in /done with the task that has been completed</p> <p>Inputs: /done assign <task> <user></p> | If the inputs are in any way invalid, expect an error message for the command message. If all inputs are valid, a confirmation message will be made, as well as the internal movement of the task to the state of "done". | NOT USING ACTUAL CODE |
| 0 | Invalid command (Tyler 2) | <p>Preconditions: The bot is installed. The user will either not have access or permission, or the command is not properly entered.</p> <p>Steps: Type in /<incorrect command> or a command that has improper inputs.</p> <p>Inputs: <anything that does not fit the guidelines for the commands previously</p> | If any command is not input correctly, expect an invalid command statement. This will notify the command issuer that the command did not perform properly, and what changes | NOT USING ACTUAL CODE |

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