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| **Date** | **What am I testing?** | **Test Type** | **Expected Result** | **Actual Result** | **How was it fixed?** |
| 20/03 | Print All tasks | Invalid | The code prints all the tasks on the dictionary showing clear description | Each task does not separate so it is hard to see each task. | I added a “\n” at the end of each printed tasks to switch lines so it is easier to see each task. |
| 21/03 | Adding a new task name input | Valid | The code should accept the words input and integer input and store the data. | The code work as expected, and it I can print it out after wards as a new task in “print all tasks” | N/A |
| 21/03 | Adding a new task priority input | Boundary (0) | The code should accept only a priority rating between 1 to 3 and informs the user if the user input a number that is not within the range. | The code work as expected and tells the user it needs to be higher than 1. | N/A |
| 21/03 | Adding a new task priority input | Boundary (5) | The code should accept only a priority rating between 1 to 3 and informs the user if the user input a number that is not within the range. | The code work as expected and tells the user it needs to be lower than 3. | N/A |
| 21/03 | Adding a new task priority input | Boundary (-13) | The code should accept only a priority rating between 1 to 3 and informs the user if the user input a number that is not within the range. | The code work as expected and tells the user it needs to be lower than 3. | N/A |
| 21/03 | Adding a new task priority input | Valid (hi) | The code should accept only a priority rating between 1 to 3 and informs the user if the user input a number that is not within the range or is not a integer. | The code work as expected and tells the user that is needs to be an integer. | N/A |
| 21/03 | Adding a new task | Invalid | The code should accept input and add data to the dictionary and should inform the user when it is finished. | The code is stuck in a loop and never ends after adding one task. | I added a break at the end of the code to end the while true loop, so it switches back to main menu when the user finish adding a new task. |
| 22/03 | Cancelling updating task | Invalid | The adding task function should end after the user pressed the cancel button | The code worked as expected and switches back to the main menu once the user pressed on the cancel button | N/A |
| 22/03 | Seeing if new task will be printed out on the print all task function | Invalid | The added new task should be printed out in the print all task function and should include a Task ID, title, description, Assignee (none), priority, and status as the inputted value. | The code does not print out the assignee as “None”. | I removed the code so that the user can not pick the assignee when the task is first added and set the assignee to “None” by adding “Assignee” = None to the dictionary so it can be printed out as none assignee. |
| 25/03 | Updating task and inputting the task ID | Valid | If the user inputs a wrong or not existing task ID, the code should let the user be informed that it is an invalid task ID. | The code worked as expected and shows “Invalid Task ID”. | N/A |
| 25/03 | Updating task’s status. | Valid | The task’s status should be printed out as the updated task’s status in the print all tasks function after the update. | The code worked as expected and prints out the new task status after update. | N/A |
| 26/03 | Updating task’s assignee | Valid | After updating the task status, the user should be given a choice of updating the assignee and let the user choose between the three assignee and then it can be printed out as the updated assignee in the print all tasks function. | The code worked as expected, the user can choose one of the three assignees to update the task under and the new assignee is printed out after updating in the print all tasks function. | N/A |
| 28/03 | Update task function overall | Invalid | The code should let the user choose a task to update its task status and assignee and should be able to let the user cancel the update task function. | After testing I found that the code does not stop after the user pressed the cancel button. | So I added a loop which will break the code when the user pressed cancel so it can go back to the main menu |
| 04/04 | Search task function | Valid | The code should let the user choose between all the existing tasks and prints out its title, description, assignee, priority and status. | The code worked as expected and prints out all the detail of the chosen task. | N/A |
| 05/04 | Search team member function | Valid | The code should let the user choose between the three assignees and prints out his/her name, email, and the tasks that are assigned to him/her. | The code worked as expected and prints out the name, email and the tasks assigned to the assignee. | N/A |
| 09/04 | Generate report function | Valid | Once the user clicked on the generate report button, it should print out the number of tasks completed, the number of tasks in progress, the number of tasks blocked, and the number of tasks not started. | The code work as expected and prints out the number of tasks completed, in progress, blocked, and not started. | N/A |
| 10/04 | Updating task’s status to completed | Valid | When the task’s status is updated to completed, it should be removed in the “search team member” function and no longer connected to an assignee. | The code work as expected, and the task ID is removed from the task list of the team member | N/A |
| 10/04 | Updating task’s status to completed | Valid | When the task’s status is updated to completed, it should be printed out as “None” assignee in the print all tasks function. | After the test, I found out that the assignee still prints out in the print all tasks function. | I added a loop so that when updating a task status to completed, it no longer requires the user to select an update assignee and automatically break the loop to update the dictionary. But when the task status is not updated to completed, it does not activate the loop and it asks the user which assignee to update the task to. |