91896 - Testing Document

**Unit Testing**

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| format\_dict\_single() | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
| 19/6/25 | Output Dictionary Function | Expected | task\_dictionary | Task Id’s to be printed with all their details formatted in a readable and presentable layout | Task Dictionary printed as expected | No Changes needed |
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| search\_dict() | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
| 19/6/25 | Search Dictionary Function | Expected | Task\_dictionary, “T1” | The function returns the details of task “T1” | The function returns the details, but no formatting has been applied | A function should be made for single dictionary formatting where a nested system is not needed |
| 23/6/25 | Search Dictionary Function | Expected | Team\_members\_dictionary, “JSM” | The function should return a formatted string containing John Smith’s info | Nothing was returned | Formatting function was missing a return variable, issue patched by returning the formatted message. This now works as expected |
| 22/7/25 | Search Dictionary Function | Expected | Task\_dictionary, “T3” | The function should return a formatted version of the T3 Task | T3 task and details were returned as intended | No changes needed |
| 22/7/25 | Search Dictionary Function | Invalid | Task\_dictionary, “T3” |  |  |  |
| 22/7/25 | Search Dictionary Function | Expected | Team\_members\_dictionary, “JSM” | The function should return the formatted details of John Smith | John Smiths details were returned with the assigned task list formatted as well. | No changes needed |
| 22/7/25 | Search Dictionary Function | Invalid |  |  |  |  |

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| NAME Function/ Feature | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
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*Continue the same format for all functions and features*

**System Testing**

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| Whole Program | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
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