Prototype

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| **Module** | **View Patients** |
| Test Data Used | CSV file containing realistic patient data |
| Outcome | When the view patients menu is opened, the program freezes and the diagnostic tool shows it is using an increasing amount of a memory and getting nowhere. |
| Description of the problem | The way in which I coded the algorithm to stop going through rows on the csv to read the data was incomplete and non-functional. Because of this, when the algorithm went to read the data from the CSV it didn’t stop when it should have, freezing the program and not displaying the data from the CSV as intended. |
| Explanation of the solution | To solve this I added a few lines of code and a ‘toContinue’ variable. This checks whether the next line contains data and stops the stream reader if it doesn’t. This ensures the program will stop when all data is read and give the intended output. |
| Test Data Used | Same CSV file as above |
| Outcome | The CSV data is output into the data grid where it can be viewed by the user as intended. |

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| **Module** | **View specific patient** |
| Test Data Used | The Sarah Johnson record of my CSV |
| Outcome | The data is displayed as intended and any edits made in this menu are effective in the man data grid |

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| **Module** | **Discharge patients** |
| Test Data Used | The Sarah Johnson record of the CSV |
| Outcome | The menu to discharge Sarah Johnson appears as expected and when the button to discharge the patients is clicked, the patients is removed from the data grid as intended however if another patient is selected the discharge menu still shows Sarah Johnson |
| Description of the problem | When the patient is discharged the discharge patient form hides rather than closes meaning that when it is opened again the stored variables in the form (the same) are still there and are not gathered again. |
| Description of the solution | To solve this, all that has to be done is change the Me.Hide() to Me.Close() so that every time the discharge patient form is opened the new name is assigned to the name variable. |
| Test data used | The Sarah Johnson record of the CSV |
| Outcome | The discharge patient menu now shows the names of different patients and still functions as intended |

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| **Module** | **Add patients** |
| Test Data Used |  |
| Outcome |  |

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| **Module** | **Remove patients** |
| Test Data Used |  |
| Outcome |  |
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| **Module** | **Save patients** |
| Test Data Used |  |
| Outcome |  |
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