

Program Exception Report

JSONS Team

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Below is a report on the exceptions identified in your program and how they can be addressed:

Exception when adding patients:

Description: Currently, the program allows numbers to be entered in fields where only letters should go when adding patients.

Impact: This may generate errors or unexpected results when processing patient data.

Recommendation: To avoid this exception, a validation should be implemented in the corresponding fields to ensure that only letters are entered. Regular expressions or string validation methods can be used to verify user input. If a number is detected in a field that only accepts letters, an appropriate error message should be displayed, and the user should be prompted to enter the information correctly.

Exception on donations:

Description: The program crashes if letters are entered in the donation process.

Impact: This causes an interruption in program execution and may result in the loss of unsaved data.

Recommendation: To handle this exception, validation should be performed on the donation field to ensure that only numbers are entered. Numerical validation methods can be used or the specific exception that is generated when a letter is entered instead of a number can be caught. When this exception is caught, an appropriate error message should be displayed to the user indicating that only numeric values are allowed in the donation field.

It is important to implement these changes in the program to improve its robustness and provide a better user experience. Remember to test thoroughly after making the modifications to ensure that exceptions are handled properly.