

Making the review of the code presented I'm going to show the following observations that should be considered as:

Errors:

1. Right now the code does not accomplish the required functions described in the descriptive paragraph of the document.
2. The validation of the text file is not well implemented, the wrong verification of the existence of the file it will cause an error because it says that the file should be open when the file does not exist also there's a wrong implementation on the addition of the new message to the existent file, because the file is now been read completely and then the addition of the new information it's made, so I recommend to use the method `File.AppendAllText` to manipulate the existent file just to add it a new row with the new information.

Defects:

1. In the notification through text file, the information is being saved with a messy format, it should be contain the type of the message that's being saved, it's highly recommend to add a new line with the new information.

Best Practices:

1. The code doesn't respect the Capitalization Conventions.
2. The code does not reference the libraries through the reserved Word using, that it will help the understanding of the code.
3. It's necessary to apply the principle of single responsibility in the method `LogMessage`, particularly It's required to separate the validation that's applied in the method of the process of saving the message.
4. It's necessary to apply Enum to change the hard code implemented to define the code of the type of message that it'll be save in the database.
5. It's recommended the use of the function `String.Format` to make the concatenation of the variables type String.

Desing Patterns:

1. It's recommended to make different implementations of the diverse types of destinations that will received the message, this can be done through the Strategy Pattern.