1. Code review about the code provided.

* There is no separation of concern, we should split functionality into methods and/or classes in order to be more readable and also to have a better maintainability.
* We can use string.IsnullOrEmpty() instead of check it separately.
* We can implement CustomExceptions.
* There are some variables (t) that don’t describe the value it stores, we should use variable with more descriptive names.
* Some variables names (LogToDatabase) don’t honor the code standard.
* The SqlCommand used to log to database doesn’t have a SqlConnection assigned.
* As the SqlCommand is not using a Store Procedure or SqlParameters, can suffer sql Injection.
* We should include in the DB the message type (Message, Warning, Error) plus the date.
* Should use an Enum to store the Message types.