Exception Handling Report

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Introduction

In general any software system or rather any system/product being used commercially or non commercially will not/cannot be used as intended ideally. There are bound to be various non conventional inputs or situations for the system. Exceptions handling is a measure taken to have a stable system which handles unexpected errors or unconventional inputs with least fallout.

Exception Handling

Here are some common exceptions that can occur with respect to the Real Office Web Interface System:

- User mistakenly closing the browser or pressing backspace while filling out event details: Data entered can be saved by having a local variable set for the user which stores the last entered event details. This would be cleared when a new event add is initiated or that event is validated and stored in database.

- Server crash for various reasons when in between validation and changing event databases: This could be handled by keeping an operations list and their statuses in the server as a log, so when a server is restarted any incomplete operations can be rerun to completion.

- User enters invalid or malicious input for a field: It is possible to embed short code fragments within an input field. All user input will be sanitized before being passed on to the next stage and any suspicious input will cause an error message to be thrown. This can be checked by ensuring that the input only consists of certain (printable) characters.