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| Functional Requirement | Description | Priority | Test | Requirement fulfilled |
| Create a SMS | User can create a SMS message | Must | SMSTest() | Yes |
| Create a Tweet | User can create a Tweet | Must | TweetTest() | Yes |
| Create an Email | User can create an Email | Must | EmailTest() | Yes |
| Specify message type | User can specify the message type | Must | N/A | Yes |
| Create a SIR | User can create a SIR | Should | SIRTest() | Yes |
| Replace abbreviations with full words | Replace abbreviations like ‘LOL’ with their full version (‘Laughing out loud’ in this case) for SMS and Tweet messages. | Should | keywordTest() | Yes |
| Remove URLs from Emails | URLs in Email messages should be replaced with ‘<URL Quarantined>’ | Should | URLTest() | Yes |
| View processed message | User can view the message | Should | N/A | Yes |
| Output the processed message to JSON file | The message must be written as an entry in a JSON file after processing | Should | JSONOutTest() | Yes |
| Create and show a list of SIRs, quarantined URLs, hashtags and mentions | All SIRs, quarantined URLs, hashtags and mentions used in the current message session should be shown on screen at the end of the session | Could |  | NO |
| Load input from file | Ideally, the system should be able to load input from a file | Should |  | NO |

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| Non-Functional Requirement | Description | Priority | Test | Requirement fulfilled |
| Message IDs consist of a letter followed by 9 digits | The letter should be S for SMS, E for Email or T for Tweet. | Should |  | NO |
| Message IDs should be unique | A unique ID allows the message to be uniquely identified. | Should |  | NO |
| Phone numbers should follow the international standards | The value should be a number between 8 and 16 digits. | Should |  | Yes |
| Messages should adhere to a character limit | SMS messages and Tweets should go up to 140 characters, Emails can be up to 1028 characters – it was assumed that this included the sort code and nature of incident for SIRs. | Should |  | Yes |
| Email addresses should be validated | Email addresses should be checked to ensure they are valid. | Should |  | Yes |
| Subject should become available when writing emails, with a character limit. | The subject input should be available for emails, with up to 20 characters. | Should |  | Yes |
| The subject for SIRs should be  ‘SIR dd/mm/yy’ | Where the date is the date when the message was processed. The subject textbox should be disabled so that it cannot be modified. | Should |  | Yes |
| TwitterIDs should have a character limit and start with ‘@’ | Up to 15 characters plus the ‘@’. | Should |  | Yes |
| The first 2 lines of an SIR body should be sort code and nature of incident respectively. | The format of the sort code should be validated and the nature of the incident must match one of the possible options. | Should |  | Yes |