1. Functional Test

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| **Test Case Name** | **Test Purpose** | **Test Step** | **Browser** |
| 01\_msgBox\_lang\_NOR | To test the normal input for the message input field for the supported languages:   * English * Chinese | 1. Enter “This is a test message” 2. Click “Post” button   =>Should can see the message posted successfully.  3. Repeat step 1 and 2 with a Chinese message “这是一个测试语句。” | Chrome  Firefox  Edge |
| 02\_msgBox\_LongStr\_ERR | To test the error case of input a very long string which exceed the length limitation of this field(according to the limitation in requirement/ design doc) | 1…. | Chrome  Firefox  Edge |
| … |  |  |  |
| 10\_attachFile\_txt\_NOR | To test the upload feature of attaching a txt file. | 1. Drag & Drop a txt file.  * It should be successfully uploaded.  1. Download the uploaded file to check the content.  * The content should be same as the original one.  1. Click “Upload” link to upload a txt file.  * It should be uploaded successfully.  1. Repeat step 2. |  |
| 11\_attachFile\_binary\_NOR | To test the upload feature of attaching a binary file:   * zip * jpg/png * doc/pdf * … | …. |  |
| 12\_attachFile\_several\_NOR | To test one user upload more than one file. |  |  |
| 13\_attachFile\_duplicatedFile\_ERR | To test one user upload same file repeatedly. |  |  |
| 14\_attachedFileExceedSize\_ERR | To test user upload a file exceed the size limit. |  |  |
| 15\_attachedFileExceedMaxNumber\_ERR | To test user upload many files exceed the file number limit. |  |  |
| … |  |  |  |
| 20\_resizeIcon\_NOR | To test the resize icon of the message input box. | 1. Click and drag the icon to resize the box.  * Should become both larger and smaller. |  |
| … |  |  |  |
| 30\_writeArticalBtn\_NOR | To test the write article button. | 1. Click the “write article” button.  * Should can popup a new window.  1. Enter long article. 2. Click POST button.  * Should be posted successfully. |  |
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1. Security Test

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| Test Case Name | Test Purpose | Test Step | Browser |
| 01\_postWIthoutLogin |  |  |  |
| 02\_postWIthSQLInjection |  |  |  |
| 03\_postWithXSSAttck |  |  |  |
| 04\_AttachExecutableScript | Attach some executable scripts in different programing languages, then try to execute the file from web browser. |  |  |
| 05\_WriteExecutableScriptAsArtical | Write some executable scripts in different programing languages, then post it. |  |  |
| … |  |  |  |

1. Performance Test

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| **Test Case Name** | **Test Purpose** | **Test Step** | **Browser** |
| 01\_InputmessageParallel | Simulate huge number of users to post message at same time |  |  |
| 02\_UploadBigSizeFile | Upload a big size file to check the upload speed. |  |  |
| 03\_UploadFileParallel | Simulate huge number of users to upload files at same time |  |  |
| … |  |  |  |