

Part 2:
function testing:

ID	Test cases	Expected result
1	Enter normal string with length (such as 5) in dialog box and then click button "Post"	Page turn to next page, and shown article just write
2	Just click button "Post" without file any string in dialog box	Alert should be shown such as "Please enter your articles", page will not be refreshed or turn to next page
3	If maximum length of blank is 100, enter with 101 characters in dialog box and click button "Post"	Alert should be shown such as "Maximum length of articles is 100, please remove some characters."
4	Language support: enter different language characters such as English, Chinese, Korean characters and so on to dialog box, then click "Post"	If the language is supported, article should be saved, page should turn to next page. Otherwise, alert should be shown, such as "We only support English and Chinese"
5	Click button "Write article"	Page is refreshed or turn to next page to let user write article.
6	Upload type checking.	Supported type: <ul style="list-style-type: none"> - click button "upload", and choose acceptable file and click save. File content should be parsed and shown on web page. - Drag acceptable file to dialog box, and file content should be parsed automatically. Then file content should be shown on web page.
		Unsupported type: If png is not supported <ul style="list-style-type: none"> - click button upload, and choose png file then click save or ok. Alert should be shown to let user know png file it is not supported. - Drag png file to dialog box and then alert should be shown, so that user will know that png file is not supported.
7	Profile picture checking.	Profile picture should be shown correctly
		Profile picture is changed. If not reload page, profile picture in opened page should not be changed. If reload page, profile picture in new open page should be shown correctly.
8	Gui element checking	Checking profile picture, title, button location if it is same as design document

Compatibility testing

ID	Test cases	Expected result
1	Supported latest browsers: Chrome, Firefox, edge, safari and so on	With latest version browser, page can be opened successfully. Above function test cases should pass.
2	Different version supported	Take chrome as an example, support backward compatibility version.

3	Desktop os supported	Under different os such as windows, macOS, the page can be loaded successfully with different browsers.
4	Mobile os supported	Page can be loaded successfully under android and iPhone.
5	Under different resolution ratio	Page can be loaded successfully

Security testing:

Using web security scanner to check if there is any leak of the web page.

Perfromate testing:

ID		
1	access web page	Page can be loaded within 5s.
2	Open multiple browsers to access web page.	Record count of browsers that page can be loaded with 5s. And decide if increase cpu or mem.
3	Check if one user can login at same time with different browser window	If one user only support 5 times login at same time, we should try over 5 times login at same time.