Use Cases:

1. Login with valid username and password
2. Username is unique and preferred name is used for naming the blog
3. Register and check whether all input information are valid (data passed into manage\_user\_info.php)
4. Create a new post with heading, abstract(optional) and content (data passed into manage\_data.php)
5. Present all posts in the user’s page
6. Read from a single post
7. Only the user can edit the post
8. Only the user can delete the post and redirect to all\_posts page

Execution plan:

1. Learn Javascript and add some animations to the home page
2. Have front-end validation of password during registration
   * Check whether the user\_name already exists
   * Check if the password satisfies the requirement (e.g at least 6 characters, consisting of both upper-case and lower-case alphabet)
   * If not valid, the border of input form will change and provide an alert
3. Set preferred name equal to user\_name as default input during registration
4. Add alert (js) if user\_name doesn’t exist or password is wrong during login
5. Add text editing functions
6. Add the comment function
7. Add like function
8. Allow users to change password and name their blog
9. Add more interesting stuff (e.g news) in the what’s around drop down of navigation bar
10. Add more content to the about page
11. Recommend posts according to number of comments and likes to users in the home page (presented in the panels)
12. Add “Search post” function
13. Add “Log out” function on navigation bar