**SAFE Test**

1. Black Box Test - check all the functions of website without structure. Since we do not know the structure of the website. It focuses on the user interface and operation on website. We use the website like a user to test all the function. After testing the interface, we get a table:

|  |  |
| --- | --- |
| Function | Status |
| Login in | Pass |
| Register | Pass |
| Submit a request to add an application | Pass |
| Searching an application | Pass |
| Filter | Pass |
| Comment an application | Pass |

1. Grey Box Test – check all the function of website with structure. In Grey Box, we just know the structure of website. In addition, we do not care how we implement those function. Some internal operation functions are tested. We test the software towards three kind of user. Table:

|  |  |  |
| --- | --- | --- |
|  | **Admin** | |
|  |  |  |
| Function |  | Status |
| Sort the application |  | Pass |
| Delete comments |  | Pass |
| Login in |  | Pass |
| Add user |  | Doing |
| Delete user |  | Doing |
| Decision-Approve the request from user |  | Pass |
| Delete comments |  | Pass |
|  | **Moderator** | |
|  |  |  |
| Function |  | **Status** |
| Login in |  | Pass |
| Add comments |  | Pass |
| Delete comments |  | Pass |
|  | **User** | |
|  |  |  |
| Function |  | Status |
| Change password and update the database |  | Pass |
| Sign up and update the database |  | Pass |
| Add comments and update the database |  | Pass |

1. White Box Test – For white box test, we know the code and structure of software, the unit test is the white box test.