4. Test

4.1. Test Plan

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Test Number | Purpose | Process | Expected Result | Actual result | Status | Action Taken |
|  | 1 | Verify that the user can login successfully when they have account | 1. Enter the request information in login form  2. Click login | Notify a message login successful and go to their personal account | As Excepted | Pass | No further action required |
|  | 2 | Verify that the admin can add new account for student, manager, coordinator, guest and admin | 1. The admin will login the system with the admin account  2. go to the account management page and click on the add new account  3. fill all information field and choose the role in the list box for each role  4. Click register | Notify a message register successfully and back to the account management page | As Excepted | Pass | No further action required |
|  | 3 | Verify that admin can add faculty | 1. The admin will login the system with the admin account  2. go to the faculty management and click on the add new faculty  3. fill all information field  4. Click on Add to perform add new faculty | Notify a message add new faculty successfully and back to the faculty management page | As Excepted | Pass | No further action required |
|  | 4 | Verify that admin can add academic year | 1. The admin will login the system with the admin account  2. go to the academic year management and click on the add new academic year  3. fill all information field  4. Click on Add to perform add new academic year | Notify a message add new academic year successfully and back to the academic year management page | As Excepted | Pass | No further action required |
|  | 5 | Verify that student can add new article | 1. The student will login the system with the student account  2. Click on the add article  3. Fill all information field  4. Click on Submit | The system will notify a message add article successfully and back to the student page | As Excepted | Pass | No further action required |
|  | 6 | Verify that coordinator will receive an email when student in their faculty submit a new article | 1. After submitting their new article the system will send an email to the coordinator in their faculty and the coordinator in that faculty will receive a notify email | The coordinator receives the notify email | As Excepted | Pass | No further action required |
|  | 7 | Verify that student can update their articles | 1. The student will login the system with the student account  2. Click on the edit button in each article to go to the update article page  3. Edit the information field  4. Click update | Notify a message update article successfully and back to the student page | As Excepted | Pass | No further action required |
|  | 8 | Verify that student can delete their article | 1. The student will login the system with the student account  2. Click on the delete button in each article and the check popup will display  3. Click on the ok button to verify delete | Notify a message delete article successfully | As Excepted | Pass | No further action required |
|  | 9 | Verify that student can update their profile | 1. The student will login the system with the student account  2. Click on the profile management  3. Change the information that want to update  4. Click OK | The system will notify a message update profile successfully | As Excepted | Pass | No further action required |
|  | 10 | Verify that the coordinator can view the student’s article | 1. The coordinator will login the system with the coordinator account  2. Click on the list articles to view all the student articles  3. Click on each article that want to view the information of that article | The system will go to the article detail page | As Excepted | Pass | No further action required |
|  | 11 | Verify that coordinator can set the status for an article | 1. The coordinator will login the system with the coordinator account  2. Click on the list articles to view all the student articles  3. Click on the edit button to view the list status such as “approve and recheck” lick on the status to set the status for the article | The status of the article will be changed | As Excepted | Pass | No further action required |
|  | 12 | Verify that coordinator can manage their profile | 1. The coordinator will login the system with the coordinator account  2. Click on the manage profile item to go to the profile management page  3. Change the information that want to update  4. Click OK | The system will notify a message update profile successfully | As Excepted | Pass | No further action required |
|  | 13 | Verify that manager can view all student article | 1. The manager will login the system with the manager account  2. After login succeed the system will navigate to the manager page and show all the article of students | The system show the list of article of all students if have and don’t show any article if do not have any article | As Excepted | Pass | No further action required |

4.2. Scope

4.2.1. Test log