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| --- | --- | --- | --- | --- | --- |
| Use Case ID | URS-01 | | | | |
| Use Case Name | Log in | | | | |
| Created By | Nattapat Tamtrakool | | Last Update By | Nattapat Tamtrakool | |
| Date Created | 4/10/2018 | | Last Revision Date | 4/10/2018 | |
| Actors | Administrator ,farmer and farm owner | | | | |
| Description | Allow user to access to the system. | | | | |
| Trigger | Log in button is clicked. | | | | |
| Preconditions | This program must be installed in the machine . | | | | |
| Use Case Input Specification | | | | | |
| Input | type | Constraint | | | Example |
| Username | String | - | | | Hello559 |
| Password | String | - | | | Hihi2540 |
| Post conditions | If the login is successful, the user is logged into the system. If not the  system state remains the same. | | | | |
| Normal flow | User | | System | | |
|  | 1.User input username and password  2.User click login button | | 3.System validate the input [A1: Username or password is incorrect.]  [A2:Account has not approve by administrator.]  4.The system shall redirect to the main page. | | |
| Alternative Flow | [A1]: Username or password is incorrect.  1.System will notify the user with “Username or password is incorrect”.  2.System will redirect to the log in page.  [A2]: Account has not approve by administrator.  1.System will notify the user with “Your account has not  been approved by administrator”.  2.System will redirect to the log in page. | | | | |
| Exception Flow | - | | | | |
| Assumption | Actor must already have the username and password. | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Use Case ID | URS-02 | | | | |
| Use Case Name | Log out | | | | |
| Created By | Nattapat Tamtrakool | | Last Update By | Nattapat Tamtrakool | |
| Date Created | 4/10/2018 | | Last Revision Date | 4/10/2018 | |
| Actors | Administrator ,farmer and farm owner | | | | |
| Description | Allow user to logout the system. | | | | |
| Trigger | Log out button is clicked. | | | | |
| Preconditions | User is already at the main screen . | | | | |
| Use Case Input Specification | | | | | |
| Input | type | Constraint | | | Example |
| - | - | - | | | - |
| Post conditions | If the logout is successful, The system shall remove the session of the user and redirect to the log in page. | | | | |
| Normal flow | User | | System | | |
|  | 1.User click logout button . | | 2.System remove the session of user.  3.System redirect user to the login page. | | |
| Alternative Flow | - | | | | |
| Exception Flow | - | | | | |
| Assumption | Actor must already in the system. | | | | |