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| Use Case ID | UC-13 | | |
| Use Case Name | Login | | |
| Created By | Apiwat Hantrakool | Last Update By |  |
| Date Created | 28/2/2018 | Last Revision Date |  |
| Actors | Administrator, Teacher, Student | | |
| Description | Users or actors can login to access the system by using their account including e-mail and password. | | |
| Trigger | User starts to the system. | | |
| Preconditions | User does not log in yet. | | |
| Use Case Input Specification | | | |
| Input | type | Constraint | Example |
| E-mail | string | Must be Email form, and no blank space | nekky.apiwat@hotmail.com |
| Password | string | No blank space | nekky123456789 |
| Post conditions | User can access to the system. | | |
| Normal Flows | User | System | |
|  | 5. User input user name in the “E-mail” input text box  6. User input user password in the “password” input text box.  7. User click “Login” button. | 1. System shall provide “Login” interface.  2. System shall provide “E-mail” input text box.  3. System shall provide “Password” input text box.  4. System shall provide “Login” button.  8. System shall validate the E-mail and the password. [A1], [A2], [A3] | |
| Alternative Flow | **A1**: User input incorrect email form of the user name.  1. System shall display alert text under text field that “You must enter a valid email address”.  2. Go to normal flow 1.  **A2**: User do not input either e-mail or user password.  1. System shall display alert text under text field that “This is required field”.  2. Go to normal flow 1.  **A3**: Either e-mail or user password are not match with the data in the database.  1. System shall display alert pop-up text that “e-mail or Password does not exist”.  2. Go to normal flow 1. | | |
| Exception Flow | - | | |
| Assumption | User must understand English. | | |