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| Use Case ID | UC-XX | | | |
| Use Case Name | Update category | | | |
| Created By | Mr. Apiwat Hantrakool | | Last Update By | Mr. Apiwat Hantrakool |
| Date Created | 17-04-2017 | | Last Revision Date | 19-04-2017 |
| Actors | Librarian | | | |
| Description | The librarian can update category in the system, which are category name and category status. | | | |
| Trigger | The librarian clicks “Update category” button. | | | |
| Preconditions | The librarian must view all of categories. | | | |
| Use Case Input Specification | | | | |
| Input | type | Constraint | | Example |
| category name | String | string of length 20. | | Biology |
| category status | String | [active, not active] | | active |
| Post conditions | The details of category are updated to the database. | | | |
| Normal Flows | User | | System | |
| 1. |  | | The system displays the user interface for updating the book consisting 1 text field, which are category name. And 1 data list, which is category status. | |
| 2. |  | | The system shall display a button labeled as “Update category”. | |
| 3. | The librarian input to text field and data list. | |  | |
| 4. | The librarian click “Update category” button. | |  | |
| 5. |  | | The system shall validate the input. [A1: category name is wrong in format] | |
| 6. |  | | The system shall display a confirmation box with message “Are you confirm to update this category” and “Yes” button and “No” button. | |
| 7. | The librarian click “Yes” button. [E1: Click “No” button] | |  | |
| 8. |  | | The system shall update the information of the book including category name and category status into the database. | |
| 9. |  | | The system shall display the success message “The input is stored in the database”. [E2: Database cannot be connected] | |
| Alternative Flow | A1: category name is wrong in format.   * The system shall display the fail message next to the category name text field “The format of category name is not valid”. * Return to normal flows 3. | | | |
| Exception Flow | E1: click “No” button.   * Use case ends.   E2: Database cannot be connected.   * The system shall display the fail message “Fail to connect the database”. * Use case ends. | | | |
| Assumption | The librarian must understand English. | | | |