Yi Min

**Upload publication list**

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| Actors | Administrator, JDAS |
| Description | The administrator may want to upload an internal list of publications in order for the system to check for consistency of the records reported. The list of publication should include information about the title, the description and the year of the publication. |
| Data | List of publications |
| Stimulus | User command issued by the administrator |
| Response | Confirmation that the list is uploaded and updated in the system |
| Comments | - |

1. Brief Description

This use case describes how an Administrator will upload an internal list of publication onto the system.

1. Actors
   1. Administrator
2. Preconditions
   1. The database is available
   2. The administrator has a properly formatted .csv file of the list of publication with fields enclosed by ‘“’ and separated by ‘,’.
3. Basic Flow of Events
   1. The use case begins when the Administrator clicks on the button to upload the file of the list of publications
   2. The program will read the file and convert it into an ArrayList of ArrayList of String.
   3. The program will check if there is already an existing (with same title) and conflicting record (with different description or year) in the database for each record.
   4. If there is no existing and conflicting record in the database, the existing record is deleted if it exists and the record is added to the database.
   5. When all the records have been successfully added or dealt with, a message dialog appears to inform the user and the use case ends successfully.

1. Alternative Flows
   1. There is an existing and conflicting record in the database

In step 4.3, the record to be added may already exist and have conflicting details.

* + 1. A dialog box appears to ask the user if he wants to overwrite the current record in database.
    2. If the user agrees to overwrite, the existing record is deleted and the record is added to the database.

1. Post-conditions
   1. Record added

There is no existing and conflicting record or the user chooses to overwrite the current record. The record is added in the database if it does not exist yet.

* 1. Record not added

The user chooses to not overwrite the current record if there is a conflicting record in the database. The record is not overwritten and remains unchanged.

**Check if uploaded publication records agree with internal list/Check format of publication information**

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| Actors | Administrator, JDAS |
| Description | The administrator may want check if the publication records uploaded by the student agree with the internal list of publications the administrator has collated and previously uploaded onto the system. The system shall check if the format of the description of a record is consistent with the description uploaded by the administrator and display a list of records which are consistent and a list of records which are not consistent. |
| Data | Publication records, internal publication list |
| Stimulus | User command issued by the administrator |
| Response | Display of consistent and inconsistent records. |
| Comments | - |

1. Brief Description

This use case describes how an Administrator will check if the uploaded student publication records agree with the internal list and have the correct format.

1. Actors
   1. Administrator
2. Preconditions
   1. The database is available
   2. There are existing student RIE publication records in the database.
   3. There are existing collated publication records in the database.
3. Basic Flow of Events
   1. The use case begins when the Administrator selects to view the publication RIE records using the combo box.
   2. The program will retrieve the list of records which do not have the same description has the collated publication or the wrong year.
   3. The program will set the find the rows in the table in the view which belongs to these records and set them to yellow colour.
   4. The use case ends successfully.

1. Alternative Flows
2. Post-conditions
   1. Inconsistent records are set yellow

The records which are inconsistent with the internal list collated are set to be yellow.