

## Documentation delivery 3

### Database:

added a new table to the database - "queue" for the priority queue

fixed some tables in Database

### Package DataBase:

class DataBaseHelper:

#### 1.method noOneInQueue:

This method has 2 arguments: int id, int type. Method checks whether the document is queued. Return true if document not in Queue and false if not.

#### 2.Method standInQueue:

This method has 3 arguments: object of type Patron, id of document, type of document. Method add Document in queue

#### 3. Methods for outstanding request and for priority queue

### Package "Classes":

1. Were added 2 new classes – Articles and AV. They include constructor for document information and also getters and setters for them.
2. Class Patron was modified:
  - a) Was changed method checkout(). It was divided on 3 different methods for different type of document. Now, if there are no copies of document you will stand in priority queue.
  - b) Were added methods renew(). They are 3 different methods for different type of document.

All this works according to different type of users (including visitor professors)

- c) Were added methods getListOf(). They are 3 different methods that returns list of document that user checked out.

### Package "Activities":

1. Were added extra class ExpListViewPatron for separating view of checkouted books on 3 categories: Checkouted, In queue and Fine Documents
2. In class Login there were added notification with information about numbers of fine documents and total price for them
3. In class Return System we can see all users who are checkout something, can see the list of their documents and can confirm that they are returned
4. From Librarian View we can have interface to add/modify users/documents\

### Package "Dialogs":

There are classes to represent view of special android widgets called Dialogs