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

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.