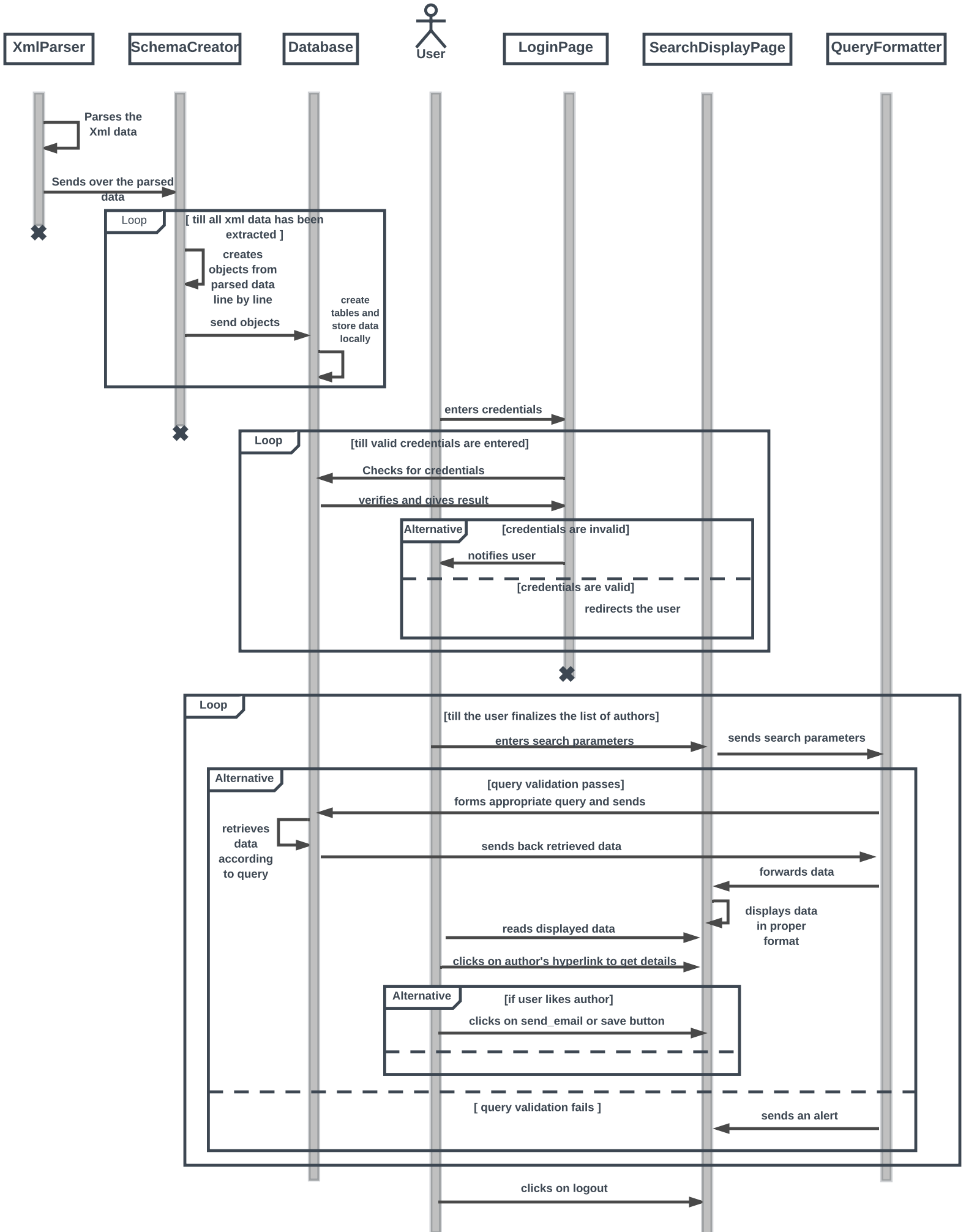
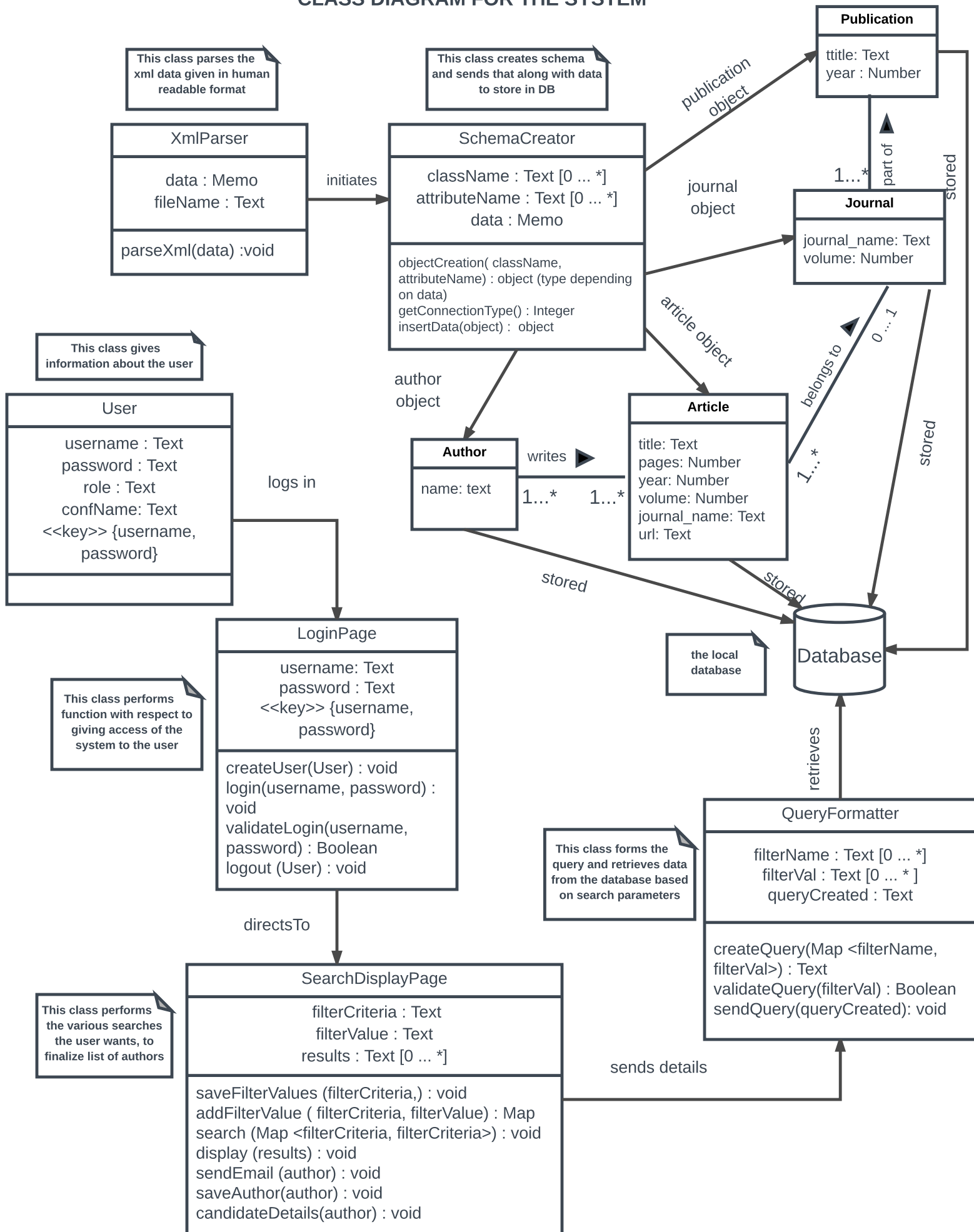


# SEQUENCE DIAGRAM FOR THE SYSTEM



# CLASS DIAGRAM FOR THE SYSTEM



## DATA DICTIONARY FOR CLASS DIAGRAM

NAME	DESCRIPTION	TYPE	REQUIRED?	DEFAULT VALUE	FORMAT	RANGE	UNIQUE?
<b>XmlParser</b>	Parsing the XML data	Entity					
.data	The data read from the file	MEMO	Yes	N/A	XML format	indeterminable	No
.fileName	Name of the file	TEXT	Yes	N/A	x*.xml	N/A	No

NAME	DESCRIPTION	TYPE	REQUIRED?	DEFAULT VALUE	FORMAT	RANGE	UNIQUE?
<b>SchemaCreator</b>	creates objects of parsed data to store in DB	Entity					
.data	parsed data	MEMO	Yes	N/A	Human readable xml format	indeterminable	No
.className	Class/table name to be stored in DB	TEXT	Yes	" "	Camel-case text	N/A	No
.attributeName	Attributes for the respective class	TEXT	Yes	" "	Camel-case text	N/A	No

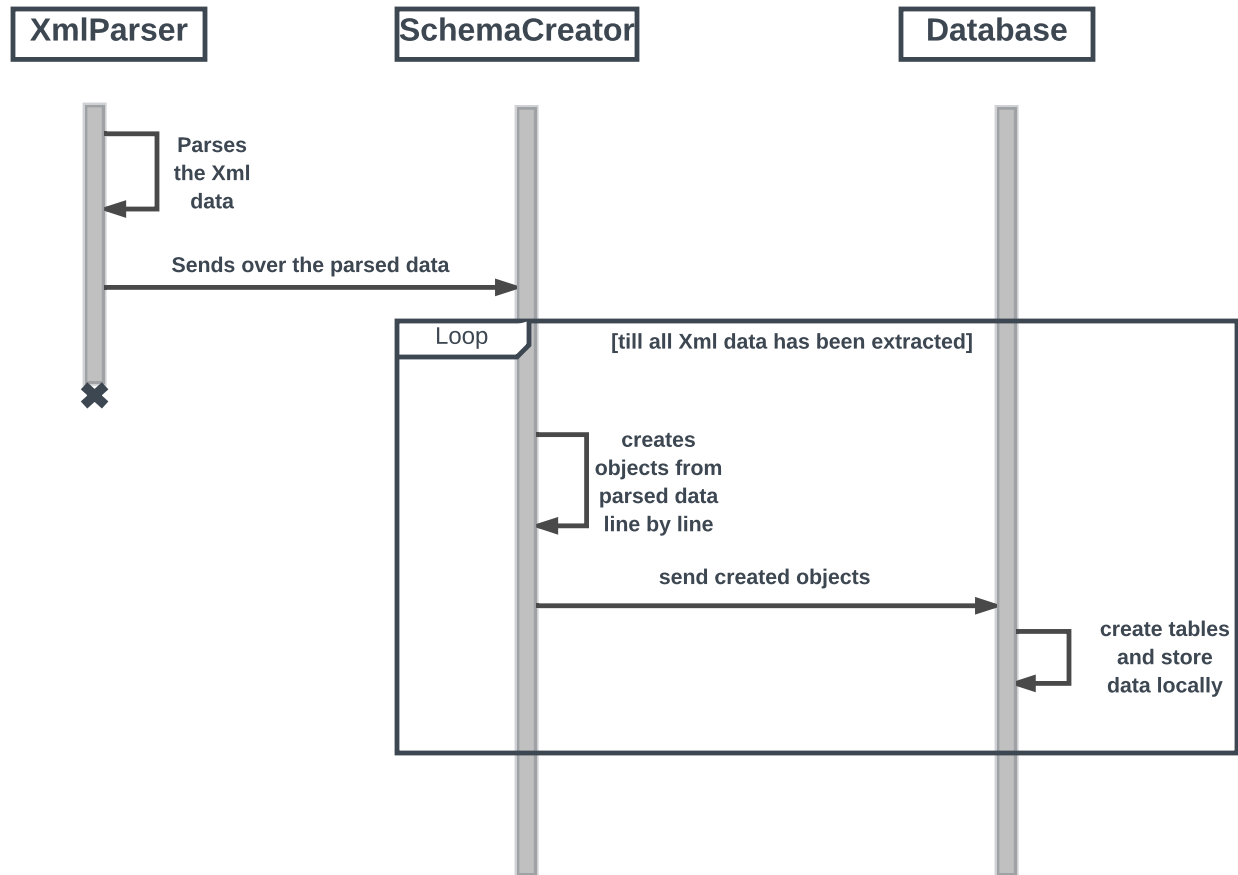
NAME	DESCRIPTION	TYPE	REQUIRED?	DEFAULT VALUE	FORMAT	RANGE	UNIQUE?
<b>User</b>	Information about the user	Entity					
.username	Unique username of the user	TEXT	Yes	" "	alphanumeric	5 .. 50	Yes
.password	Unique password of the user	TEXT	Yes	" "	alphanumeric	5 .. 50	Yes
.role	Role of the user in the committee	TEXT	Yes	" "	alphanumeric	N/A	No
.confName	Name of the conference the user is a part of	TEXT	Yes	" "	alphanumeric	N/A	No

NAME	DESCRIPTION	TYPE	REQUIRED	DEFAULT VALUE	FORMAT	RANGE	UNIQUE
<b>LoginPage</b>	Used by user to login to the system	Entity					
.username	Unique username of the user	TEXT	Yes	" "	alphanumeric	5 .. 50	Yes
.password	Unique password of the user	TEXT	Yes	" "	alphanumeric	5 .. 50	Yes

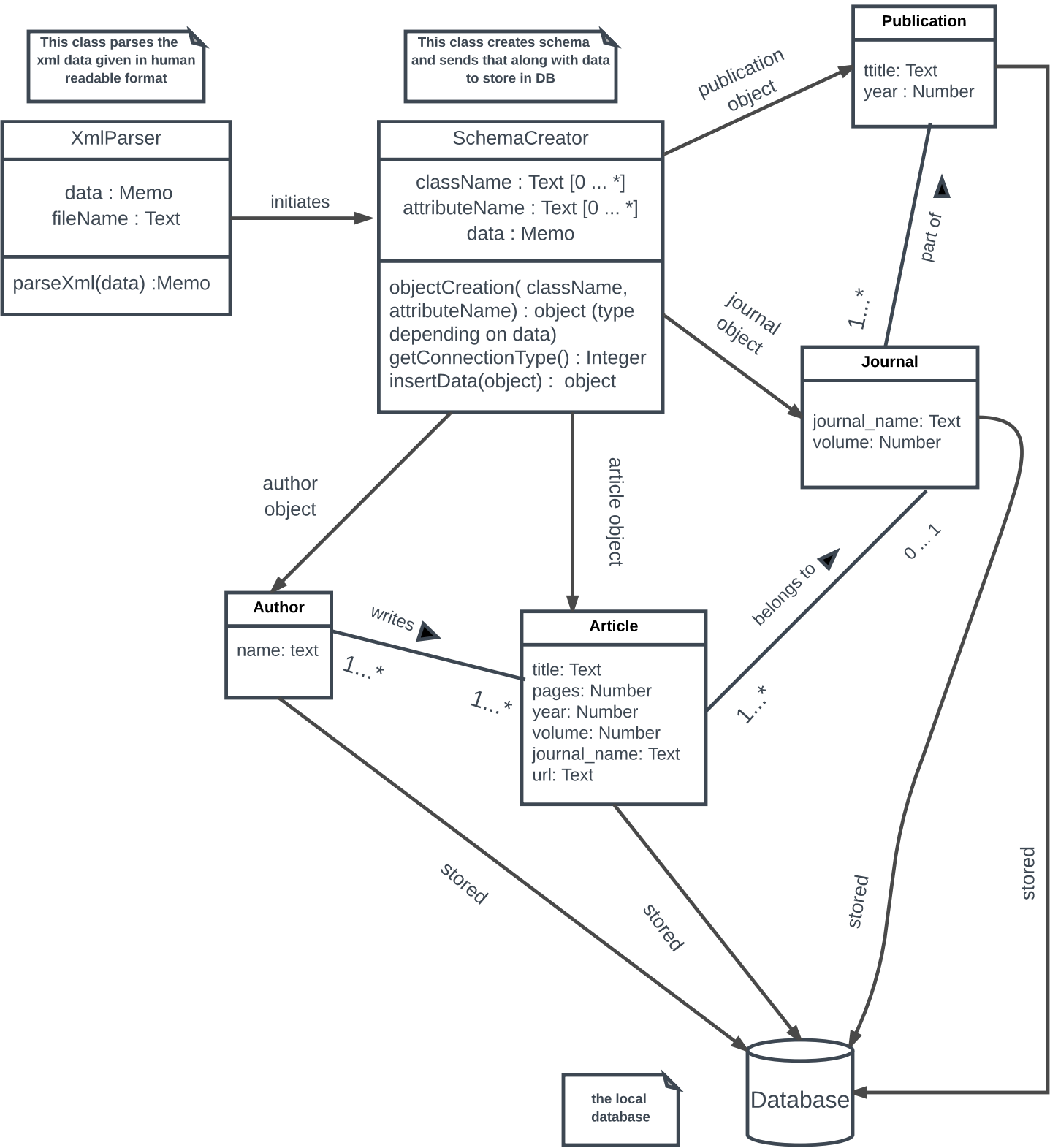
NAME	DESCRIPTION	TYPE	REQUIRED?	DEFAULT VALUE	FORMAT	RANGE	UNIQUE?
<b>SearchDisplayPage</b>	User enters search criteria and search results are displayed	Entity					
.filterCriteria	parameters on which results are filtered	TEXT	Yes	Null	N/A	1 .. 5000	No
.filterValue	parameter values	TEXT	Yes	Null	N/A	1 .. 5000	No
results	results obtained from the search performed	TEXT	Yes	" "	N/A	indeterminable	No

NAME	DESCRIPTION	TYPE	REQUIRED?	DEFAULT VALUE	FORMAT	RANGE	UNIQUE
<b>QueryFormatter</b>	takes in search parameters and formulates results	Entity					
.filterName	search criteria coming through search page	TEXT	yes	N/A	N/A	1 .. 5000	No
.filterVal	search criteria values	TEXT	yes	N/A	N/A	1 ... 5000	No
.queryCreated	query created from the above values	TEXT	yes	" "	query format for RDBMS	indeterminable	No

## SEQUENCE DIAGRAM : FRONT-END



CLASS DIAGRAM : FRONT-END



# SEQUENCE DIAGRAM : USER INTERFACE

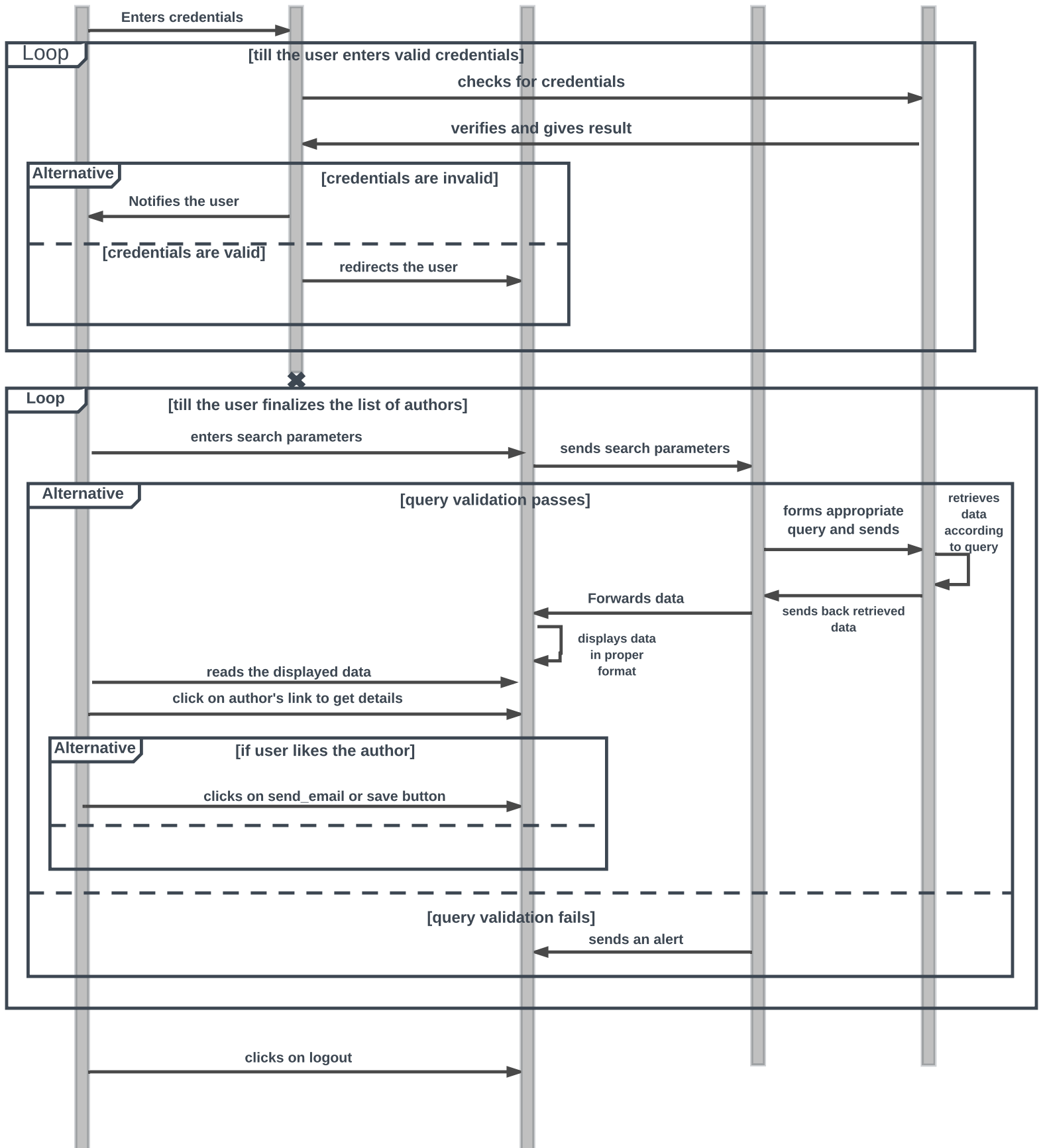


LoginPage

SearchDisplayPage

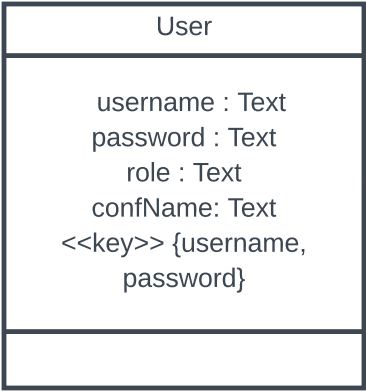
QueryFormatter

Database

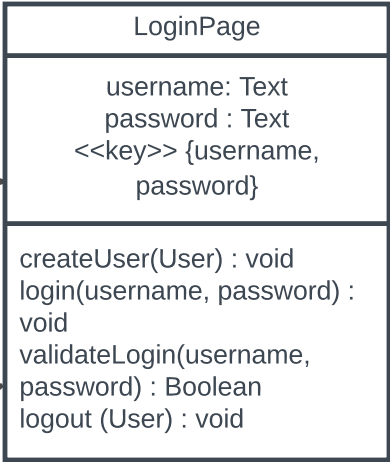


# CLASS DIAGRAM : USER INTERFACE

This class gives information about the user

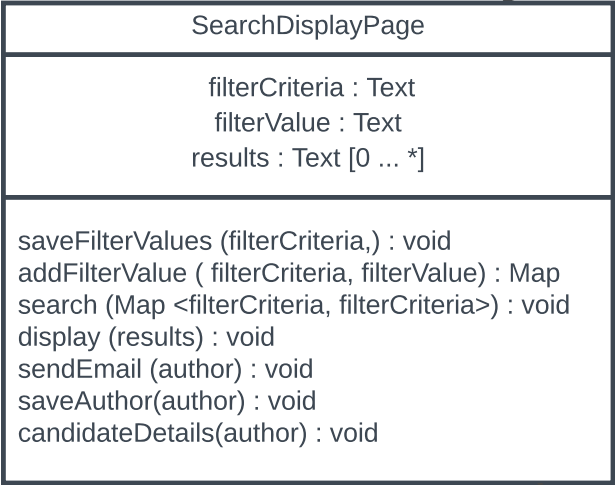


This class performs function with respect to giving access of the system to the user



logs in

directsTo

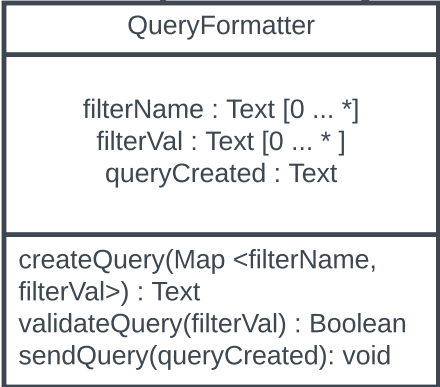


the local database



This class performs the various searches the user wants, to finalize list of authors

sends details

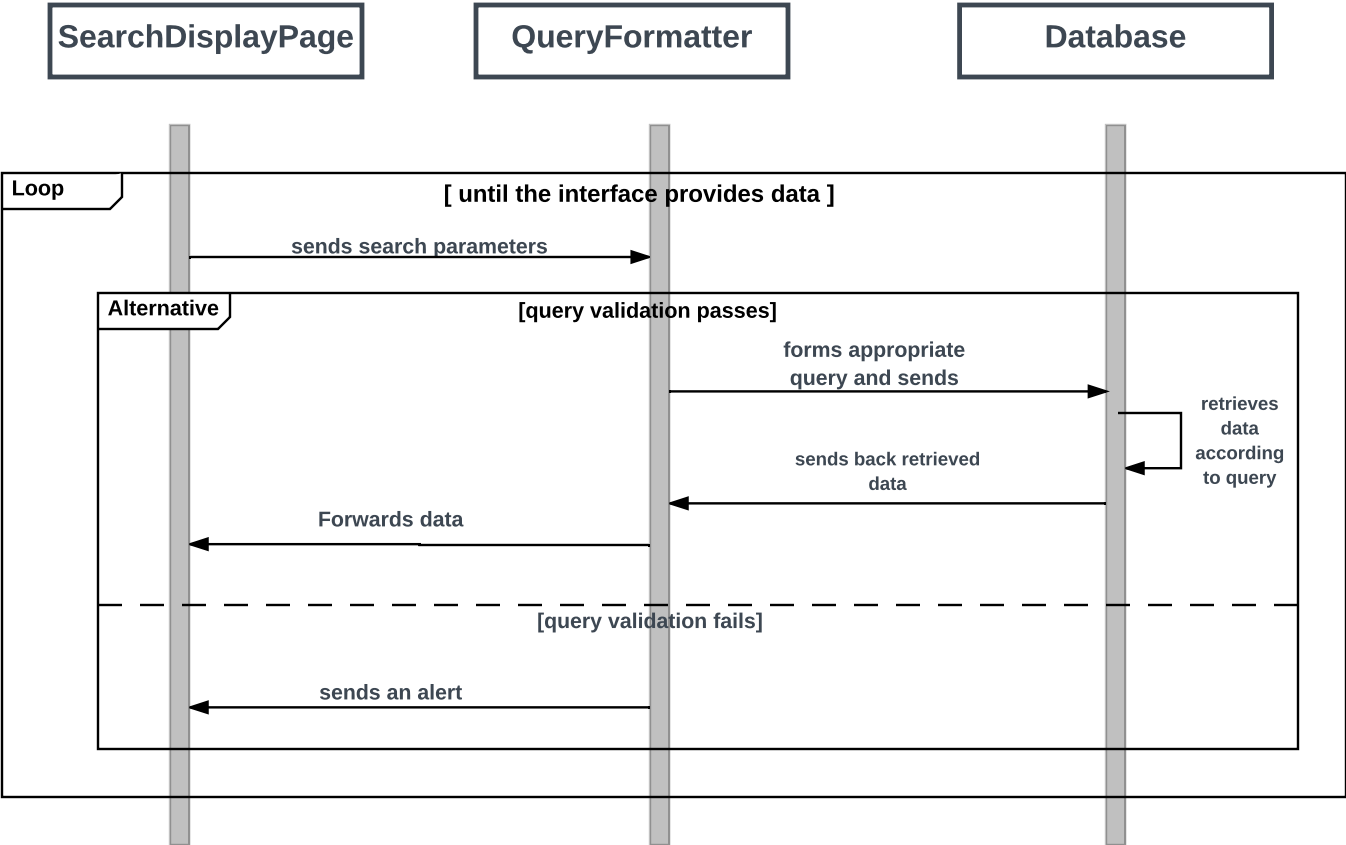


retrieves

This class forms the query and retrieves data from the database based on search parameters



SEQUENCE DIAGRAM : QUERY-ENGINE



CLASS DIAGRAM : QUERY-ENGINE

