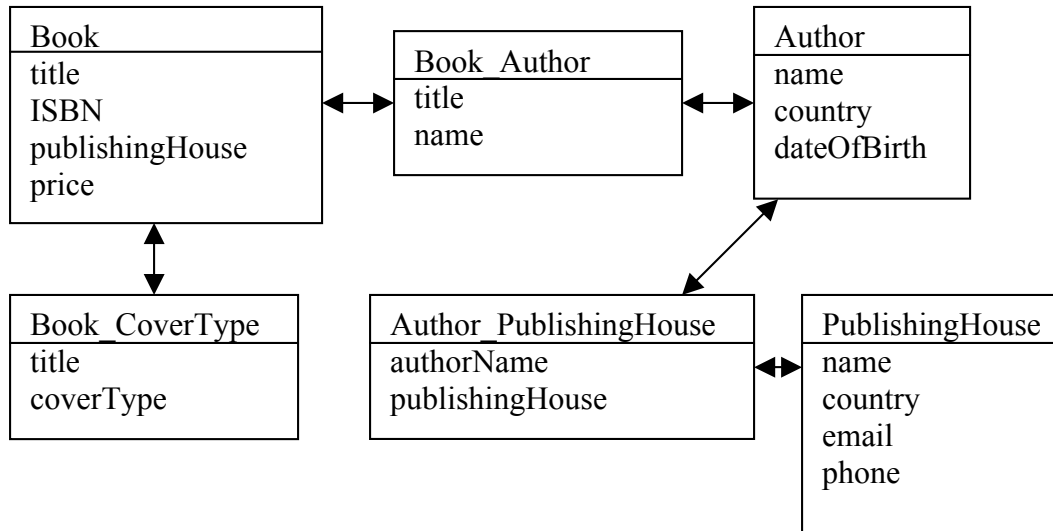


## CSCI x370 - Project 3

**Due Date – Oct 30**

**Creating a simple Java application using Hibernate for ORM.**



1. Identify all entities, primary keys and foreign keys, associations and collections of values.
2. Implement the above schema using Hibernate.
3. Create a java program called BookManager.java which has methods to write these objects and map them to the MySQL database
4. You can use the sample data in the xls files to load data into your database schema. Feel free to add you own sample data if you feel the need.
5. Create methods (in BookManager.java) to output the results for the following queries and name those methods according to the query (eg. query1(), query2() etc.)
  - a) Find all authors of a particular book.
  - b) Find all books published by a particular publishing house for a particular author.
  - c) Find all books that by a particular author whose cover type is paperback.
  - d) Find the authors who have at least one affiliation to a publishing house which is located in the same country as the author's home country.
6. Arguments for the above queries can be passed as command line arguments or you read them off a txt file - whichever is easier for you to implement. However don't forget to mention this in the Readme.txt (If you are passing command line arguments, provide a complete command line example for each query and if you decide to read the arguments off a file, include the file during submission)

### Resources

[http://www.hibernate.org/hib\\_docs/v3/reference/en/html/tutorial.html](http://www.hibernate.org/hib_docs/v3/reference/en/html/tutorial.html) (Go through the first 2 chapters in the tutorial)

## Submission

1. Readme.txt (Listing all the files that you are submitting, execution instructions and additional notes if any)
2. Neatly documented Source Code and configuration files enclosed in the right directory structure
3. Before submitting Hibernate.cfg.xml, make the following changes in the file -  
Database: Project4, username: root, password: meghana
4. ANT build file

Compress/archive all the above files in the .zip format and email it to meghanav@uga.edu with the subject as "Project4 : [names of team members]"  
Don't give me your entire eclipse workspace or netbeans workspace or the like. If you did the project using any of these IDEs, then export the project, test it on your command line and then submit only the required files.