### **Lab 5 (JPA)...**

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| Create a database backed version of the publication project.  NOTE\*\* make sure your mysql credentials are:  username : root  password : itstudies12345  **call your database lab5\_firstname\_lastname**   1. Put all your code in a package called "lab5"   lab5  lab5.diagrams  lab5.entities  lab5.<whatever>   1. Use JPA entity diagram modeller (in Netbeans) to create an entity diagram for the publication project.    1. Notes\*\*       1. you will have to modify the entities created to use SINGLE table inheritance and to use IDENTITY based id creation. See my example code to do this 2. Include all the entities covered to date. 3. Create a console based user interface to add/edit/delete books, magazines, discmags and tickets (use lab4 as the basis for your code). 4. Hints    1. Use the JPA tutorial code and my lecture notes to refer to working JPA based code    2. Create jpa controllers that Netbeans generates for you to do the CRUD operations. 5. HANDIN    1. Upload to dropbox    2. Push code to git. |