

CS 213: MySQL Assignment

Develop a webpage to interact with a MySQL database.

On launching the website, it should automatically:

1. connect to the server with username `root` and no password.
2. create a database called `publications`, with two tables – `authors` and `titles`.

Table `authors` should have the following schema.

Field	Type	Null	Key	Default	Extra
author	varchar(120)	YES		NOT NULL	
publisher	varchar(30)	YES		NULL	

Table `titles` should have the following schema.

Field	Type	Null	Key	Default	Extra
title	varchar(120)	YES		NOT NULL	
author	varchar(120)	YES		NULL	
year	smallint(6)	YES		NULL	

The webpage should offer the user following capabilities to interact with the database.

1. Display all the records in both the tables.
2. Adding a record (available for both the tables).
3. Deleting a record (available for both the tables).
4. Updating year of publication for a given title.
 - It might be possible that user might submit a substring of title.
5. Given a book find its author and year of publication.
 - It might be possible that user might submit a substring in the book.
6. Given a publisher – find all the books (names of the books) which authors from that publisher have published, publication year.
 - i.e., publisher wise listing of books, authors along with publication year
7. When you are updating/adding please do the data type check (i.e. for (2) and (4)).

What to submit?

- Please zip all your files, and submit a single file named "`<roll-no>.zip`", where `<roll-no>` should be replaced with your IIT Dharwad roll number.