DBMS LAB 08 TASKS
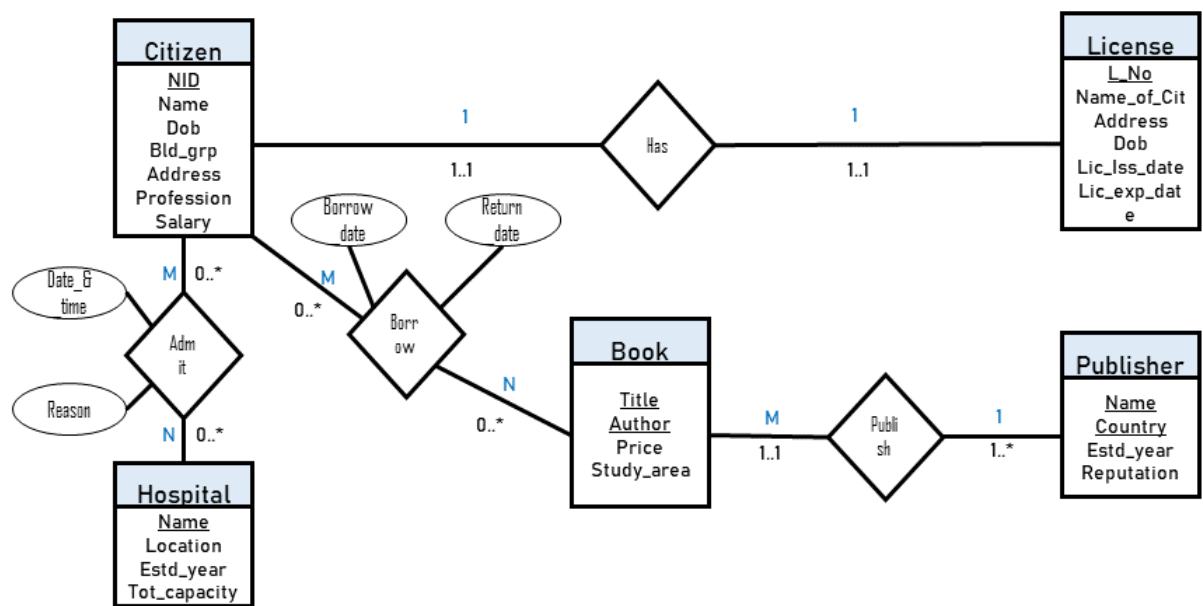
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TASKS

Figure 1: Partial ERD of the BD Government's digitalized sectors

1. Create all the tables that can be found from this ERD.

   [Hint: There will be at least 7 tables in total.]

2. Use the cascading delete clause for all the foreign keys in the entity tables and the merged entity tables (Exclude relationship tables). If there's any foreign key that should not have cascading delete, write down a comment explaining your reasoning.

3. Create a view named Borrow_Record that displays the list of Citizens that have borrowed books. Your view should contain the attributes NID, citizen name, title, author, study area of the book, publisher name and country. From this view, create another view named Citizen_Borrowal_Count that contains NID of a citizen and the total number of times he has borrowed a book.

4. Create a view named License_Holder_Info that gives information about each citizen holding a license number. Your view should contain the attributes License number, License issue and expiry date, Name and Profession of citizen.

5. Three categories of user have been identified so far for this database. The Library Admin will be able to view and modify book and publisher records. The Hospital Clerk will be able to view the Citizen IDs admitted to the Hospital. And a regular citizen will be able to view his citizen and driving license information.