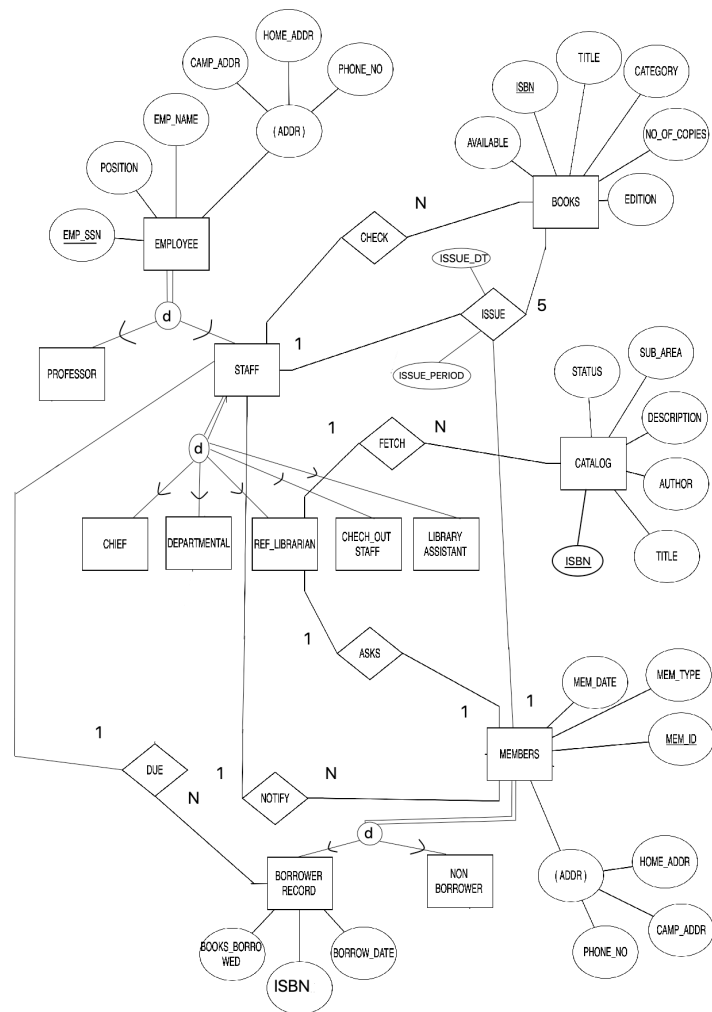
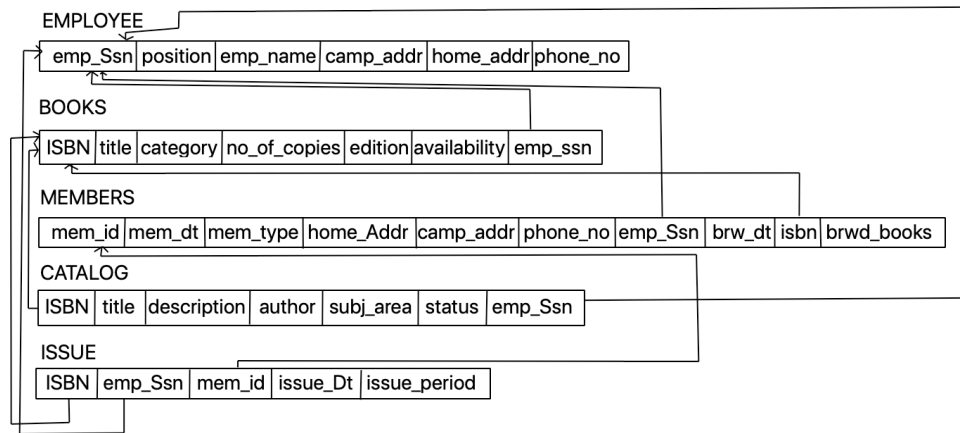


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1. We have created a database "LIBRARY" which includes 5 relational entities namely EMPLOYEE, BOOKS, MEMBERS, CATALOG, ISSUE
2. We assume that data is already populated in the EMPLOYEE relation.
i.e. It includes the information of the professor and the library staff.
3. We have created separate relations for CATALOG and BOOKS.
 - CATALOG is used by ref_librarian only to fetch the description and related information.
 - BOOKS relation is used by the library staff members while issues to the members.
4. We have created 4 entity relationships namely FETCH, ASK, CHECK, ISSUE, DUE, NOTIFY.
 - FETCH is used to get the description of the book asked by members.
 - ASKS used to get the book required by the member.
 - CHECK used to validate whether the books can be issued or not as reference, maps and rare books cannot be issued.
 - ISSUE used to issue books to the requested member.
 - NOTIFY used to inform the members about the due date and expiry date.
 - DUE used to keep a track of the due dates of the members.