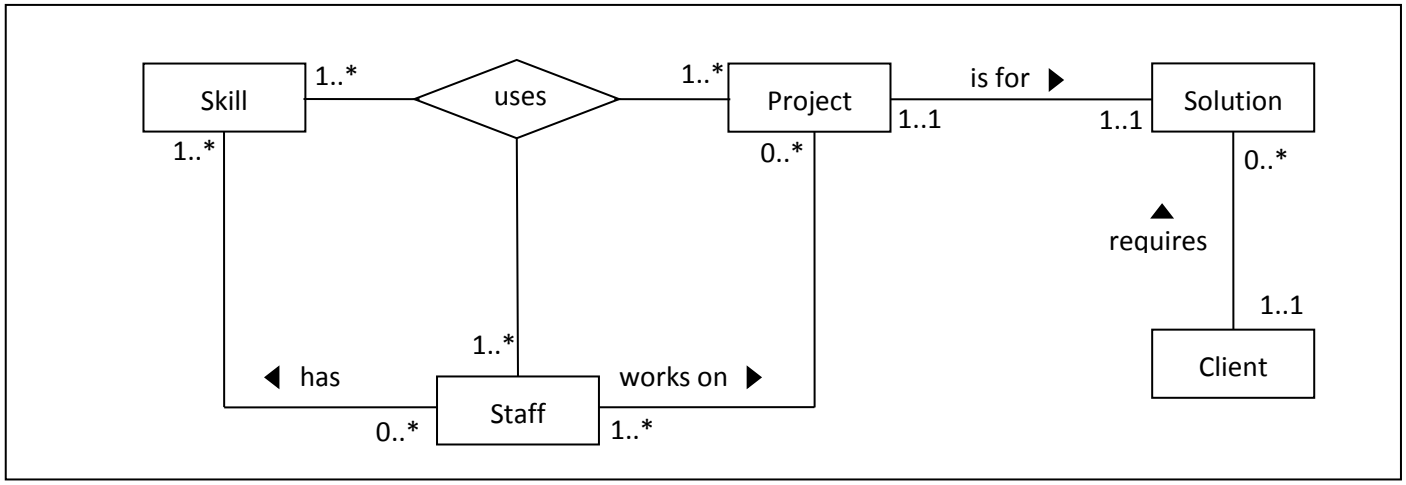
5COSC002W DATABASE SYSTEMS
2020-2021 Tutorial 04
Logical Database Design

Tutorial 04 Exercise 01

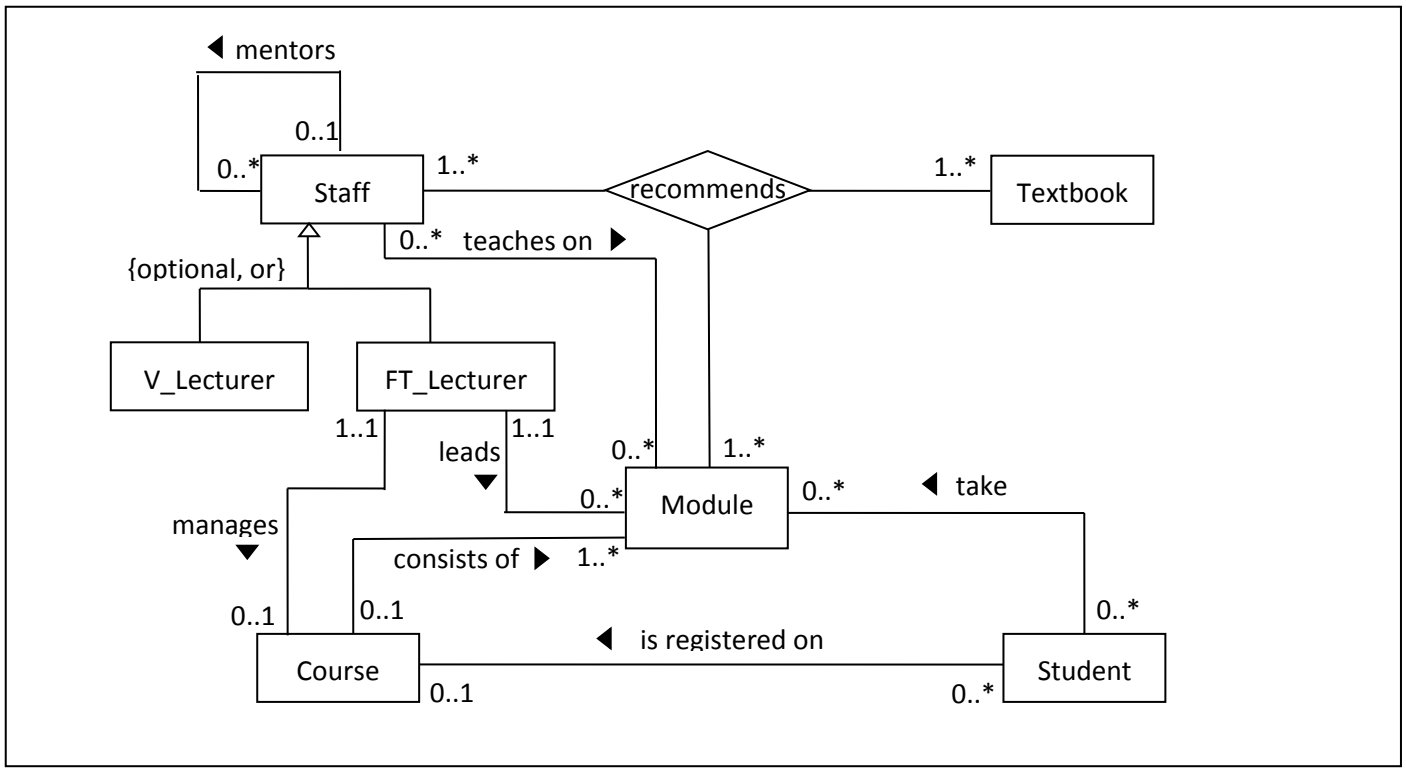
Carefully consider the conceptual ERD shown below for the ITDream case study introduced in **Tutorial 02 Exercise 01**.



Map this conceptual data model into a full logical data model. To do this, resolve all the relationships one by one and derive the associated relations (i.e. tables) with all the attributes, primary keys and foreign keys. Your solution should consist of a complete logical ERD.

Tutorial 04 Exercise 02

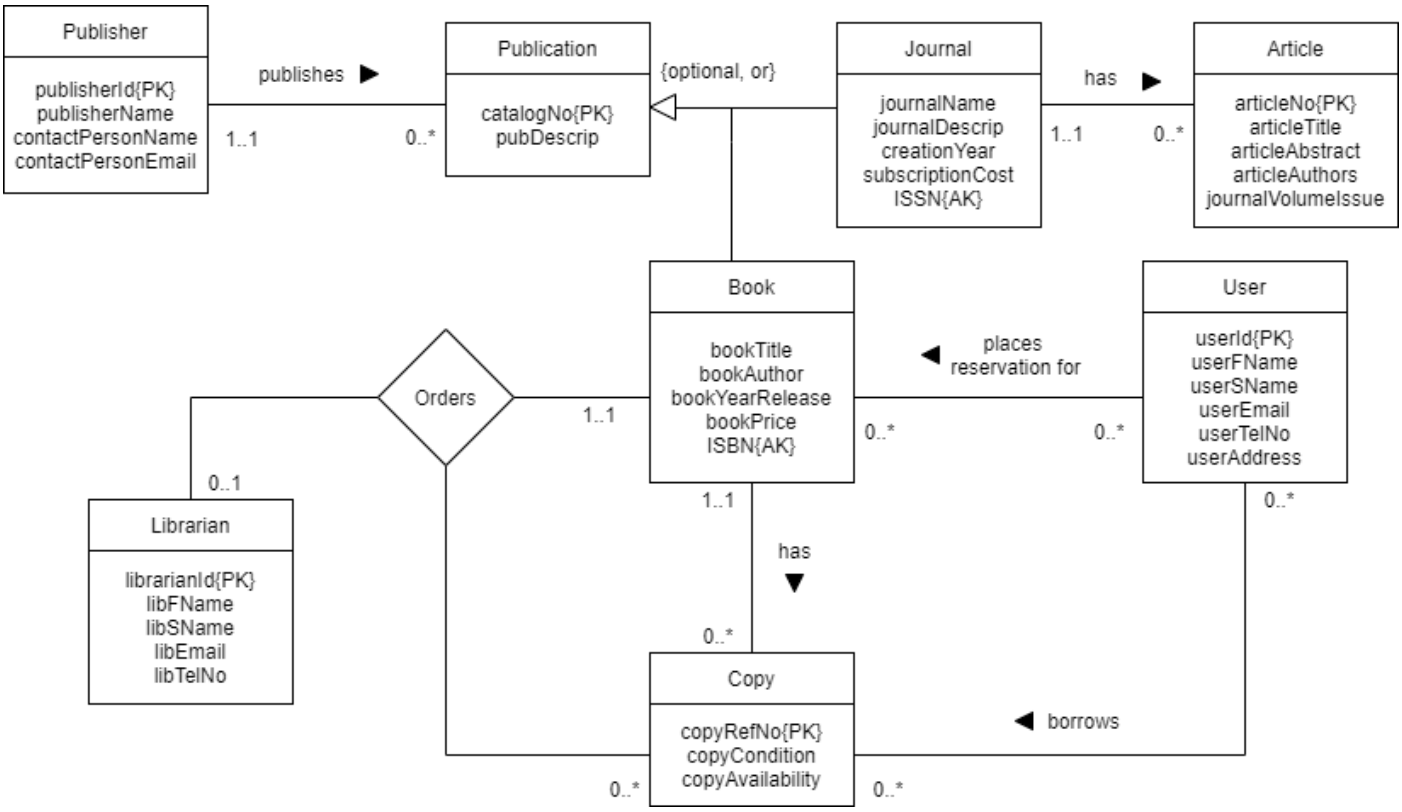
Carefully consider the conceptual ERD shown below for the CoolUni case study introduced in **Tutorial 02 Exercise 02** and **Tutorial 03 Exercise 01**.



Map this conceptual data model into a full logical data model. To do this, resolve all the relationships one by one and derive the associated relations (i.e. tables) with all the attributes, primary keys and foreign keys. Your solution should consist of a complete logical ERD.

Tutorial 04 Exercise 03

Carefully consider the conceptual ERD shown below for the LibraPlus case study introduced in **Tutorial 02 Exercise 03** and **Tutorial 03 Exercise 03**.



Map this conceptual data model into a full logical data model. To do this, resolve all the relationships one by one and derive the associated relations (i.e. tables) with all the attributes, primary keys and foreign keys. Your solution should consist of a complete logical ERD.