

Laboratory work 4

Task 1

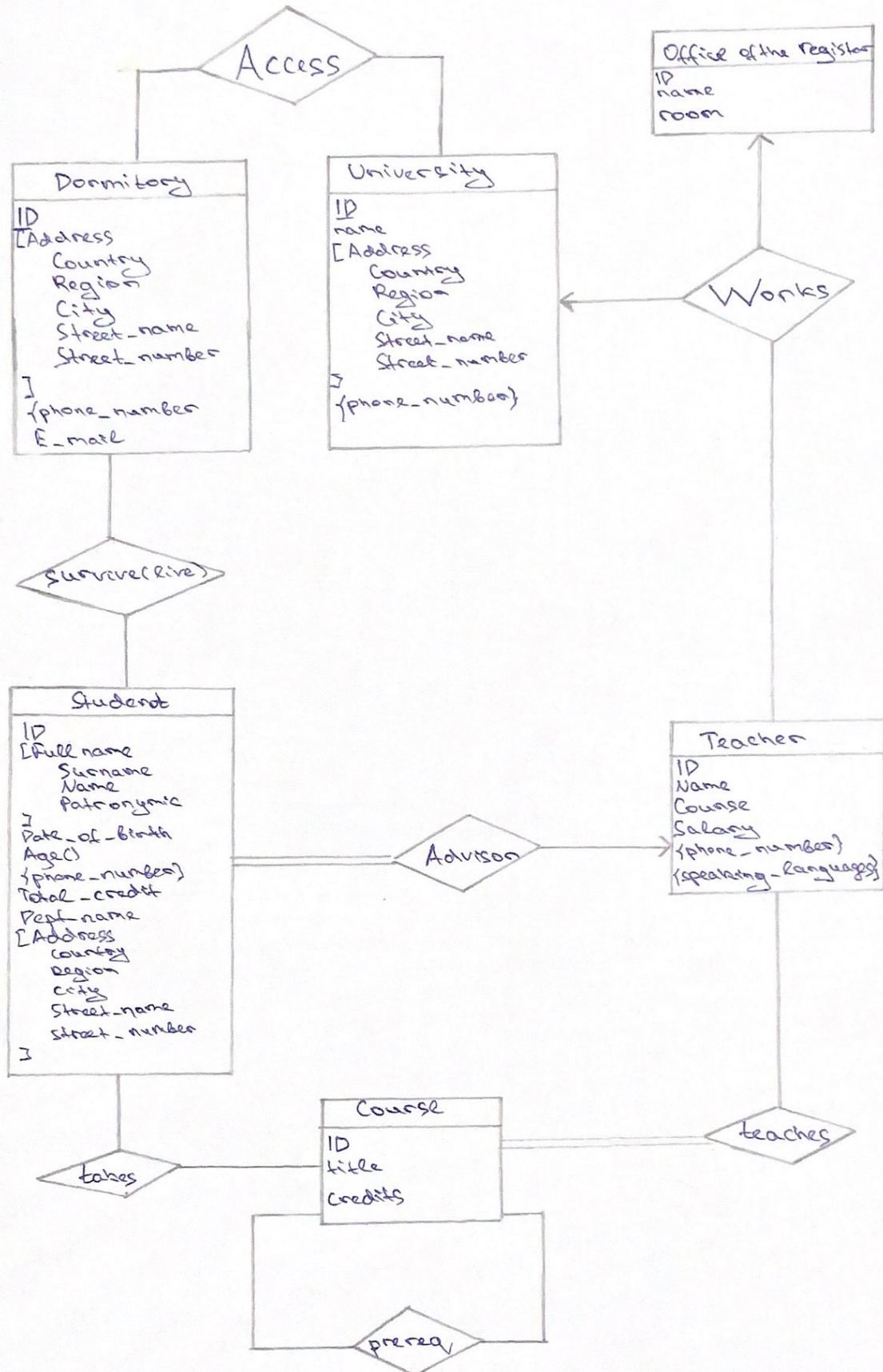
- a) Conceptual database design - to build the conceptual representation of the database, which has the identification of the important entities, relationships, and attributes.

Logical database design - to convert the conceptual representation to the logical structure of the database, which includes designing the relations.

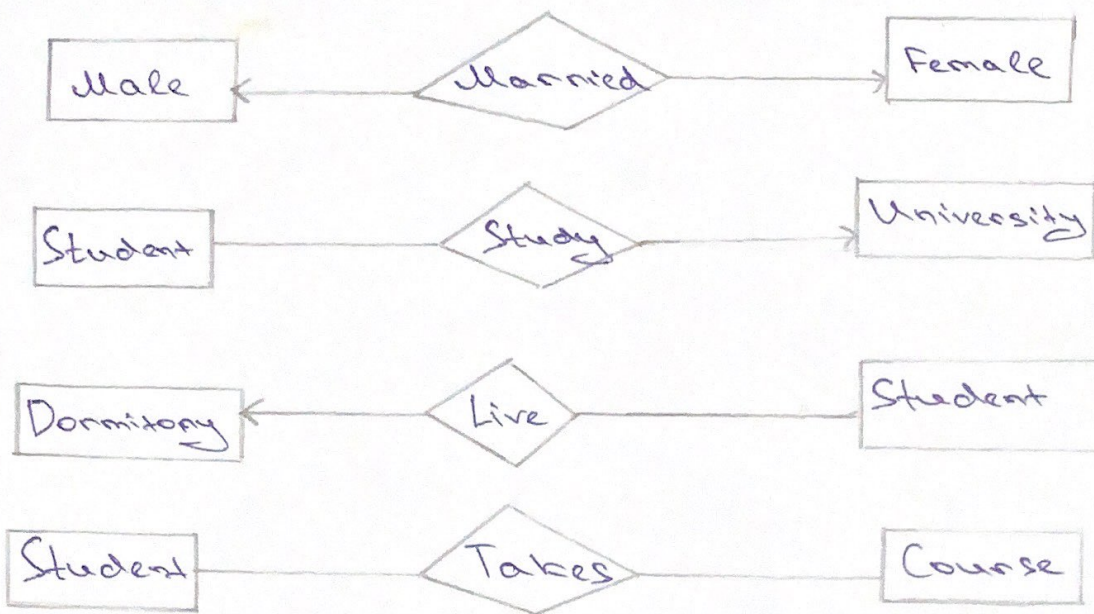
Physical database design - to decide how the logical structure is to be physically implemented (as base relations) in the target Database Management System (DBMS).

- b) The entity relationship model (ERM) is a conceptual model that represents the information structure of a problem domain in terms of entities and relationships.

Task 2 and 4



Task 3



Task 5

