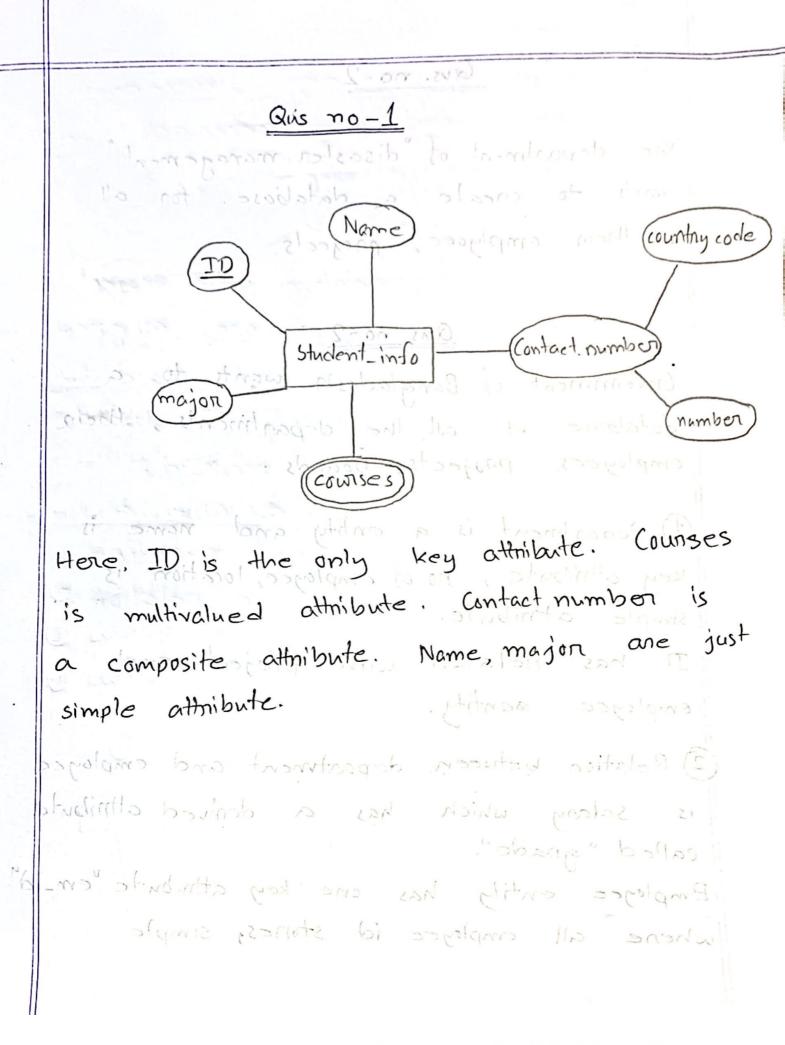
Assignment -1

Pulak Deb Roy

23241078

Sec: 3

CSE 370



aus no-2

Government of Bangladesh wants to a database of all the departments, their employees, projects, boands.

Department is a entity and name is key attribute, no of employee, location is simple attribute.

It has nelation with project and employee mentity.

2) Relation between department and employee is salary which has a derived attribute called "grade".

Employee entity has one key attribute "em_id" where all employee id stones, simple

attribute name, and a multivalued attribute colled address where each employee's present and permanent address stones.

It has a relation with board entity and a identify relation with family.

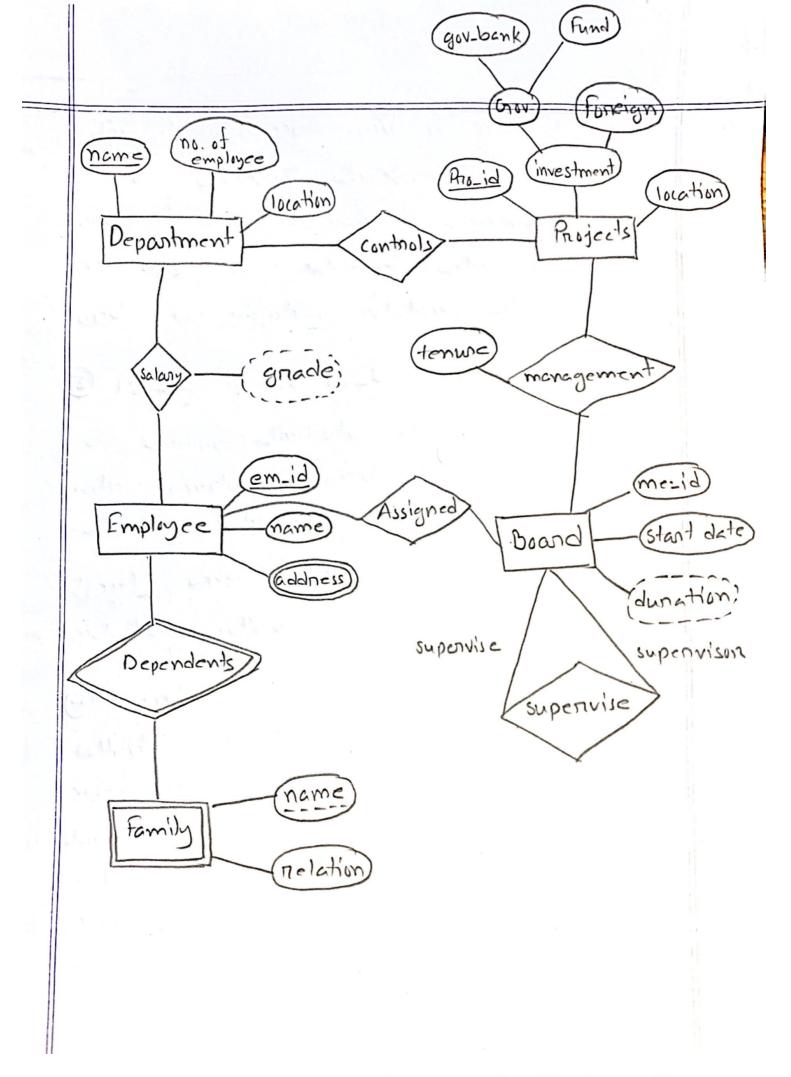
3) Family is a weak entity. It has a unique attribute connection called name with employee and a simple attribute called nelation.

Family and employee has a sidentify.

nelation called dependent.

Department and project has a relation colled controls which means we can see which department controls which project. Under project, there are multiple attributes such as project-id (key attribute), location (simple attribute), and investment attribute. To see the investment, we can find out how

the projects are being financed. Project and board care connected through menagement nelation which has a attribute tenune. (5) Board has two nelation with project and employee Employee are assigned to boards to govern and board manage all the projects. In board, there's a key attribute memid, simple attribute start date. Also a denived attribute called dunation. There is also a necunsive nelation called supervisers jug bus trantingen (A) celled compals. which meens in see which dependency annols which phose den project. Thene are multiple atinibutes such as projectid (sey attribute), location (simpl athibate), and investment cathibate. To see



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