

Normalization Question Set

Normalize the following Databases and write the 1NF, 2NF and 3NF forms separately and provide justification for the assumptions and decisions made. Furnish other details as required.

1. Students(Name, class, section, dateofbirth, address, studentphone, blood group, email, classroom number, class strength, classteacher name, classteacher phone, classteacher address)

(Assume that not more than one student will have the same name in a class in a particular section)

2. Staff(Staff Name, Designation, Experience, Join Date, Date of Birth, Address, Phone, Email, Department Name, DeptStrength, DeptPhone, HOD, HodPhone, DeptAddress)

(Assume that not more than one staff will have the same name in a department)

3. Employee(Name, Department, DateofBirth, Experience, Join date, Designation, Phone, DeptPhone, DeptStrength, Project, Qualification, Skill Set, Training Attended, Manager Name, Manager Age, Manager Phone)

(Assume that not more than one employee will have the same name in the same department under the same manager)