For 100% Result Oriented IGNOU Coaching and Project Training
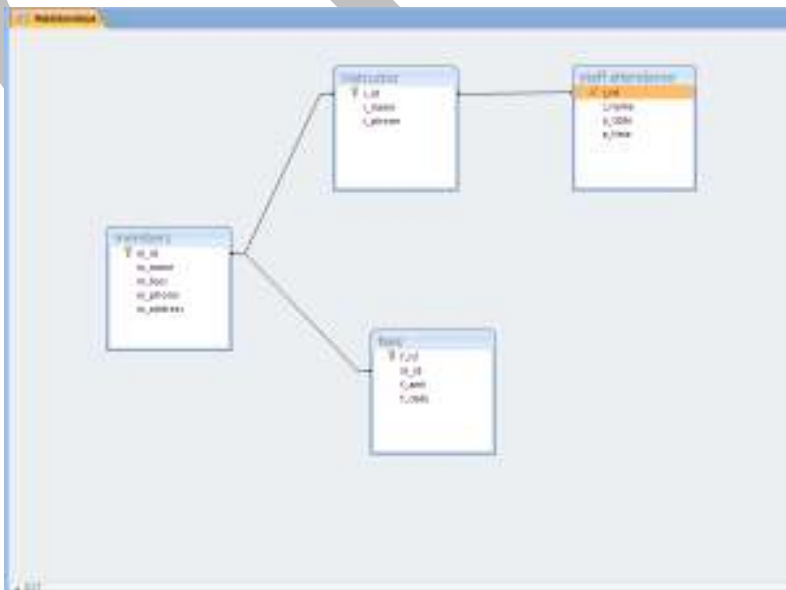## Call CPD: 011-65164822, 08860352748

ASSIGNMENT OF BCSL-034(DBMS LAB)

Q1:   A GYM requires a computerized system to atomize its front office operations that support the following functionalities:

- Query support
- Report generation
- Easy input facility for new data
- Update necessary details about the latest available facilities, fee structure, details of the equipment, timings, Gym Instructors (Male and Female), trainees, dieticians, batch-schedules etc..

Perform the following tasks:

(i)   Draw the ER diagram by identifying the entities, relationships and cardinality by using any of the drawing tools like smartdraw, dia, visio, conceptdraw etc. to manage the Gym. Follow proper conventions.
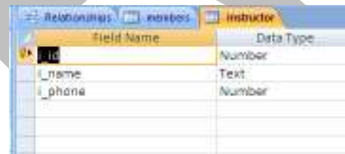

1) Gym member table

2) Instructor table

3) Fees details
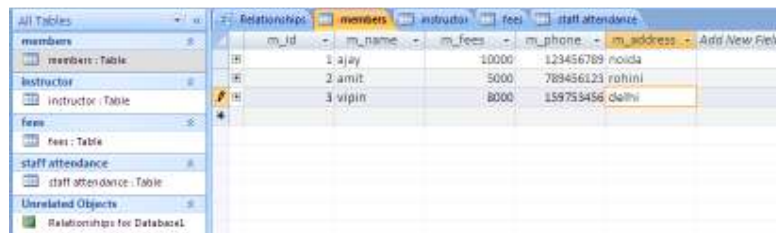
4) Staff attendance table

(ii) Create suitable database to support/accommodate all the functionalities referred above.   Perform Normalization till required NF and prepare Normalized tables.

Ans

Database for member table

Database for instructor table

Database for fees table

Database for staff attendance table

(iii)   Using MS-Access, design various forms to support the Gyms' front office operations such as enquiry form, registration, to display various batch schedules for both Men and Women, facilities, equipment, Details of Gym Instructors, Details of Dieticians, fee-structure, Discounts/Offers (if any), staff details, list of phone numbers, etc.
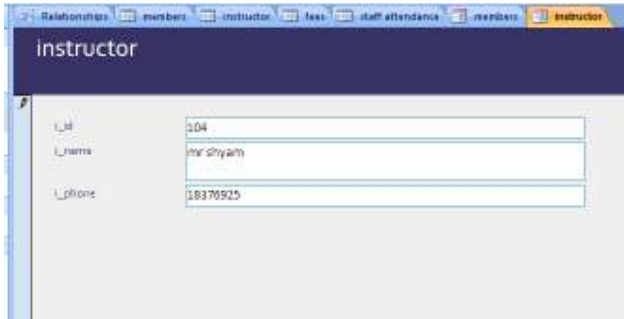
Ans

Form for member details

Form for instructor detail

Form for fees structure details

(iv) Report generation like daily reports of attendance of the registered visitors/participants, list of complaints on equipment (if any), staff attendance, fees collection on a particular day etc.

Ans

Report for staff attendance

Report for fees details

fees1

f_id	m_id	f_amt	f_date
101	1	10000	9/19/2015
102	3	8000	9/14/2015
103	2	5000	9/20/2015