

## DB-Lab02 Tasks

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### Class Task-Scenario 1:

- **Mini World:**

Library

- **Entities:**

Books, Members, Librarian

- **Non-Entities:**

Reading Hall, coffee corner, computer stations, cleaning staff.

- **Book Attributes:**

titles, Authors, ISBN numbers, genres, publication years.

- **Member Attributes:**

Membership Id's, contact details, membership type.

- **Librarian Attributes:**

employee IDs, names, departments, and work schedules.

## **Home Task-Scenario 1:**

- **Mini World :**

Hospital

- **Entities :**

Patient, Appointments & Doctor.

- **Non-Entities :**

Cafeterias, Waiting rooms, medical equipment.

- **Patient Attributes :**

- i) Patient Id
- ii) Name
- iii) Age
- iv) Genders
- v) Contact numbers
- vi) admission dates.

- **Appointments Attributes :**

- i) Appointment Id
- ii) Dates
- iii) Time
- iv) Doctor Assigned (Doctor Id)-(Foreign Key)

- **Doctor Attributes :**

- i) Doctor Id

<b>Attributes</b>	<b>Data Types</b>
Patient Id	INT/Number
Name	varchar(20)
Age	INT/Number
Gender	varchar(10)

Contact Number	Number
Admission Date	Date
Appointment Id	INT/Number
Dates	Date
Time	Time
Doctor Id	INT/Number

## Home Task-Scenario 2:

- **Mini World :**

Gym

- **Entities :**

Members, Trainers, & Sessions.

- **Non-Entities :**

Lockers, Water Dispensers, Towels.

- **Members Attributes :**

- i) Member Id
- ii) Name
- iii) Age
- iv) Membership Type
- v) Contact number

- **Trainer Attributes :**

- i) Trainer Id
- ii) Name
- iii) Speciality
- iv) Contact\_info

- **Session Attributes :**

- i) Session Id
- ii) Dates
- iii) Times
- iv) Trainer Id (Foreign Key)
- v) Members Id

<b>Attributes</b>	<b>Data Types</b>
Member Id	INT / Number
Name	varchar(20)
Age	INT
Membership Type	varchar(100)
Contact Number	Number
Trainer Id	INT / Number
Speciality	varchar(50)
Contact_info	Number
Session Id	INT
Dates	Date
Time	Time