#### "MOOCS ONLINE DATA MANAGEMENT"

#### **ABSTRACT**

The current challenges that the students are facing include traditional colleges and universities — including higher tuition, budget cuts, and course shortages which is causing many students to search for alternatives. Online education has clearly become one of the most popular higher education alternatives. All of this means that students, from working professionals to recent high school graduates, find many reasons to take all or some of their courses online.MOOCS(Massive Open Online Course) is an online course aimed at unlimited participation and open access via the web. In addition to tradittional course materials, such as filmed lectures, readings, and problem sets,many MOOCs provide interactive courses with user forums or social media discussions to support community interactions among students, professors, and teaching assistants, as well as immediate feedback to quick quizzes and assignments.MOOCs are a recent and widely reasearched devolopment in distance education which ensures quality and also been suggested across

the world.

# LIST OF REQUIREMENTS

#### LIST OF TABLES:

- Applicants
- Moocs\_udemy
- Trainers
- Enrolls
- Teaches

## List of attributes with their domain type:

- -- Applicants
  - name(char)
  - userid(varchar) -primary key
  - mailid(varchar)

- pasword(varchar)
- mobilenum(number)

## --Moocs\_udemy

- courseid(varchar) -primary key
- userid(varchar)
- coursename(char)
- duration(varchar)
- exam(char)

## --Trainers

- courseid(varchar)
- trainerid(varchar) -primary key
- tname(char)
- coursetaught(char)
- experience(varchar)

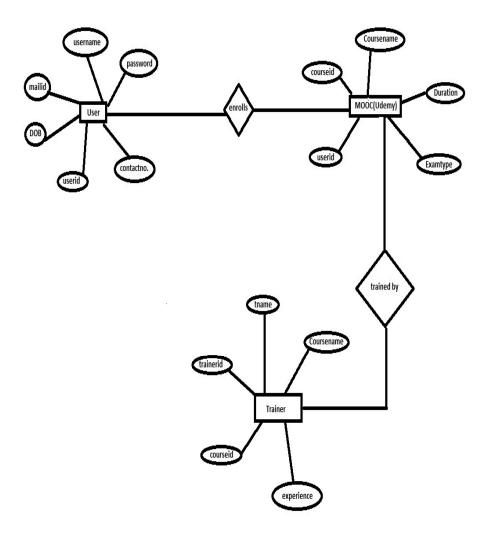
#### --Enrolls

- userid(varchar) -foreign key
- courseid(varchar) -foreign key

## -- Teaches

- courseid(varchar) -foreign key
- trainerid(varchar) -foreign key

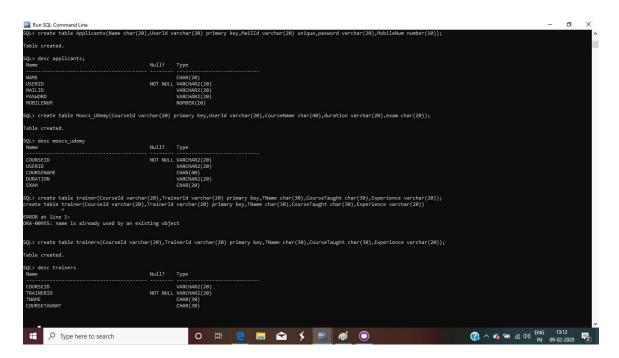
#### **ER DIAGRAM**

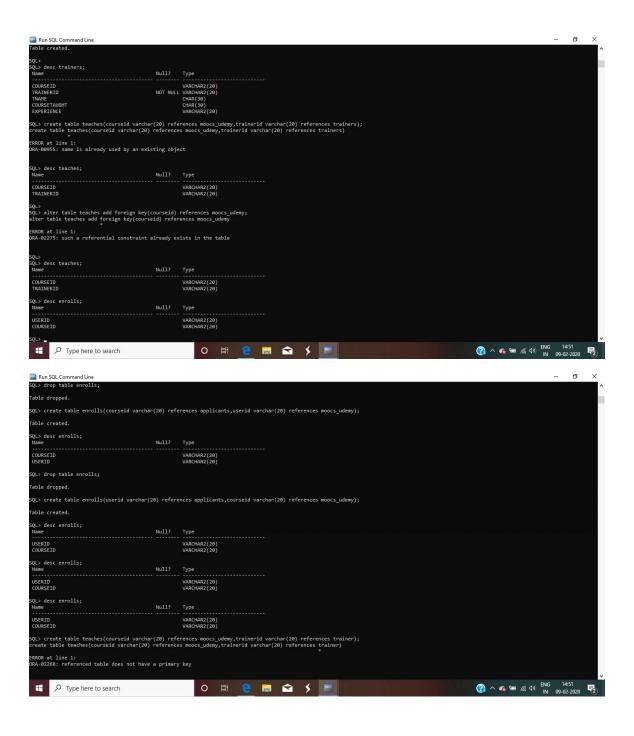


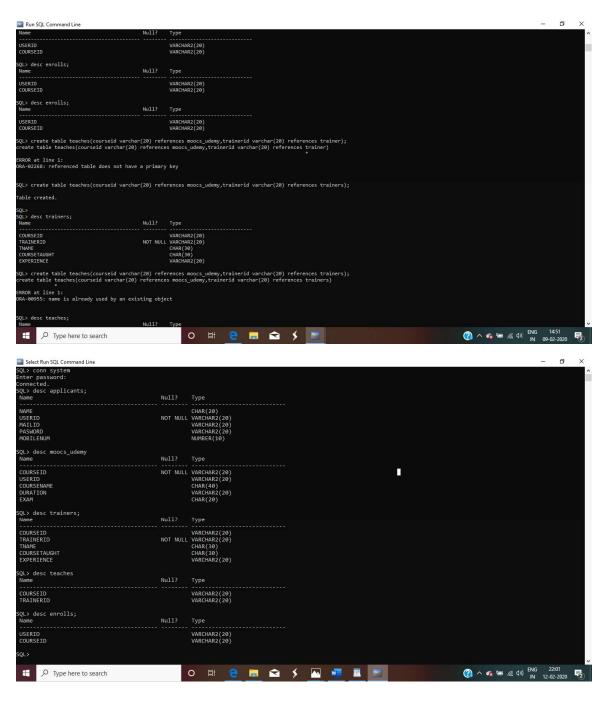
# MAPPING CARDINALTIES AND PARTICIPATION CONSTRAINTS

- Applicants apply for a course in Udemy.(many to one)
- Trainer teaches a course in Udemy.(one to one)
- Trainer can also teach many courses.(one to many)

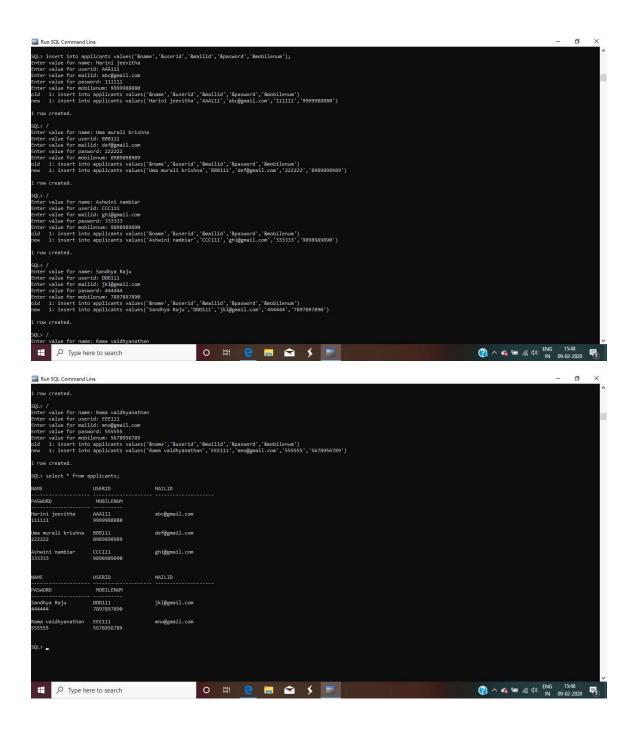
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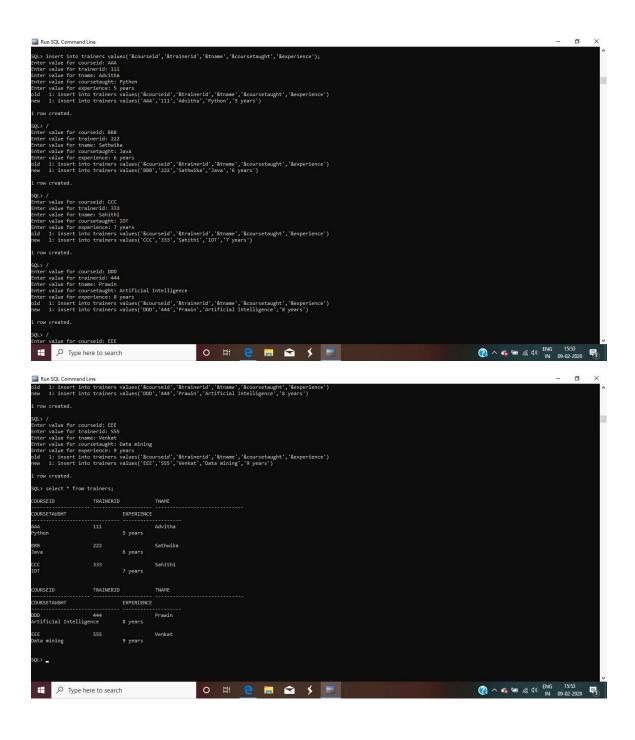


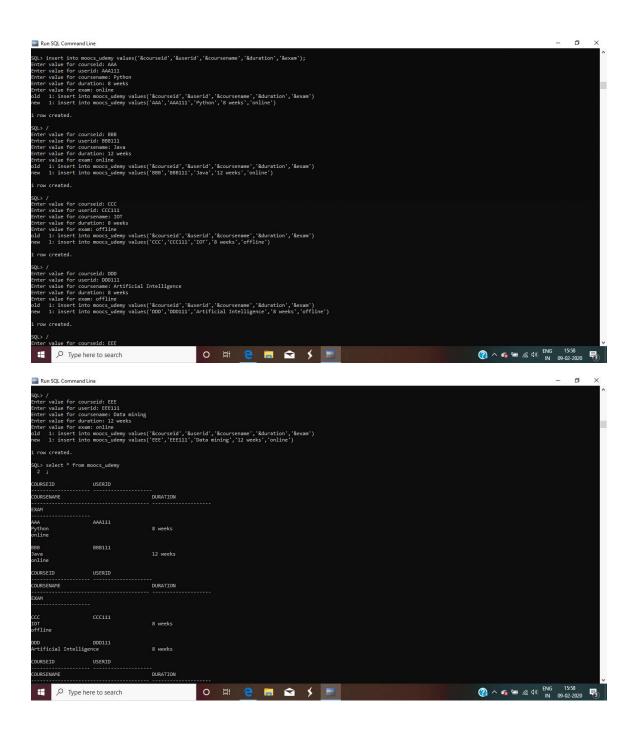


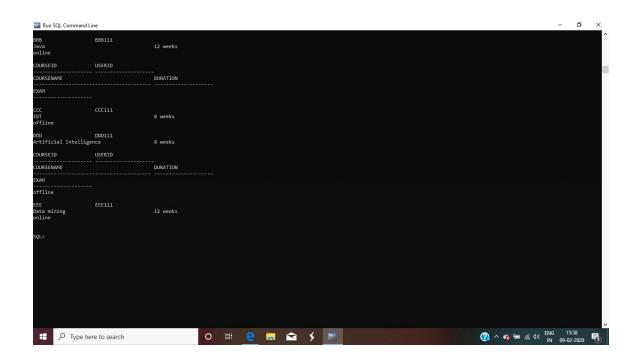


#### **DML COMMANDS:**









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