# Individual Assignment 3

DB 설계 및 디자인 2, 2023학년도 2학기

* 제출시한: 10월 28일 (토요일), 11:59 PM, (LMS를 통해 제출).
* 제출하는 파일명은 “숙제3\_자기이름.docx”와 같이 자신의 이름을 마지막에 붙이시오.
* 반드시 워드프로세서로 작성하시오. 손으로 작성하여 사진을 찍어 제출하는 등의 답안은 0점처리 함.
* 질문 있을 시 ijkim@mju.ac.kr으로 질문하시오.

Weights (비중): 5% of total grades.

**\*\*Note: You must use the textual notation (not graphical notation) in MS Word. Hand-written copy will not be accepted (or at least 30% penalty will be applied)!!**

1. For the following ERD, transform the diagram to a relational schema that shows referential integrity (Please specify primary key and foreign keys (if any) for each relation) using the text statements notations we used in our class (i.e., notations used for in-class exercises).
2. (50 points)  
   

Conference (Name, Member\_No)

University/College (Name, Enrollment\_Size, Address, ConferenceName)

Foreign Key (ConferenceName) References Conference(Name)

HighSchool(Name,Conference,Enrollment\_Size,City,State,Head\_Coach)

Player(SSN,Name,DOB,Address,Status,Weight,Height,LeaderSSN,UniversityName)

Foreign Key(LeaderSSN) References Player(SSN)

Foreign Key(UniversityName) References University/College (Name)

Position(SSN,Position)

Foreign Key(SSN) References Player(SSN)

Alumni(PlayerSSN,SchoolName)

Foreign Key(PlayerSSN) References Player(SSN)

Foreign Key(SchoolName) References HighSchool(Name)

(b) (50 points)



Performer(ID,Name)

Film(FilmID,Title,Rate)

Perform(PerformerID,FilmID,Role)

Foreign Key(PerformerID) References Performer(ID)

Foreign Key(FilmID) References Film(FilmID)

Copy(Copy#,condition,FilmID)

Foreign key(FilmID) References Film(FilmID)

Director(FilmID,Director)

Foreign Key(FilmID) References Film(FilmID)

ForeignFilm(FilmID,SpokenLanguage,SubtitleLanguage)

Foreign Key(FilmID) References Film(FilmID)

EducationalFilm(AgeGroup,FilmID)

Foreign Key(FilmID) References Film(FilmID)