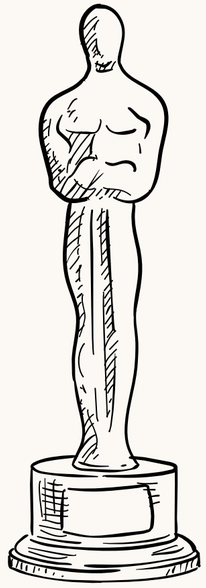
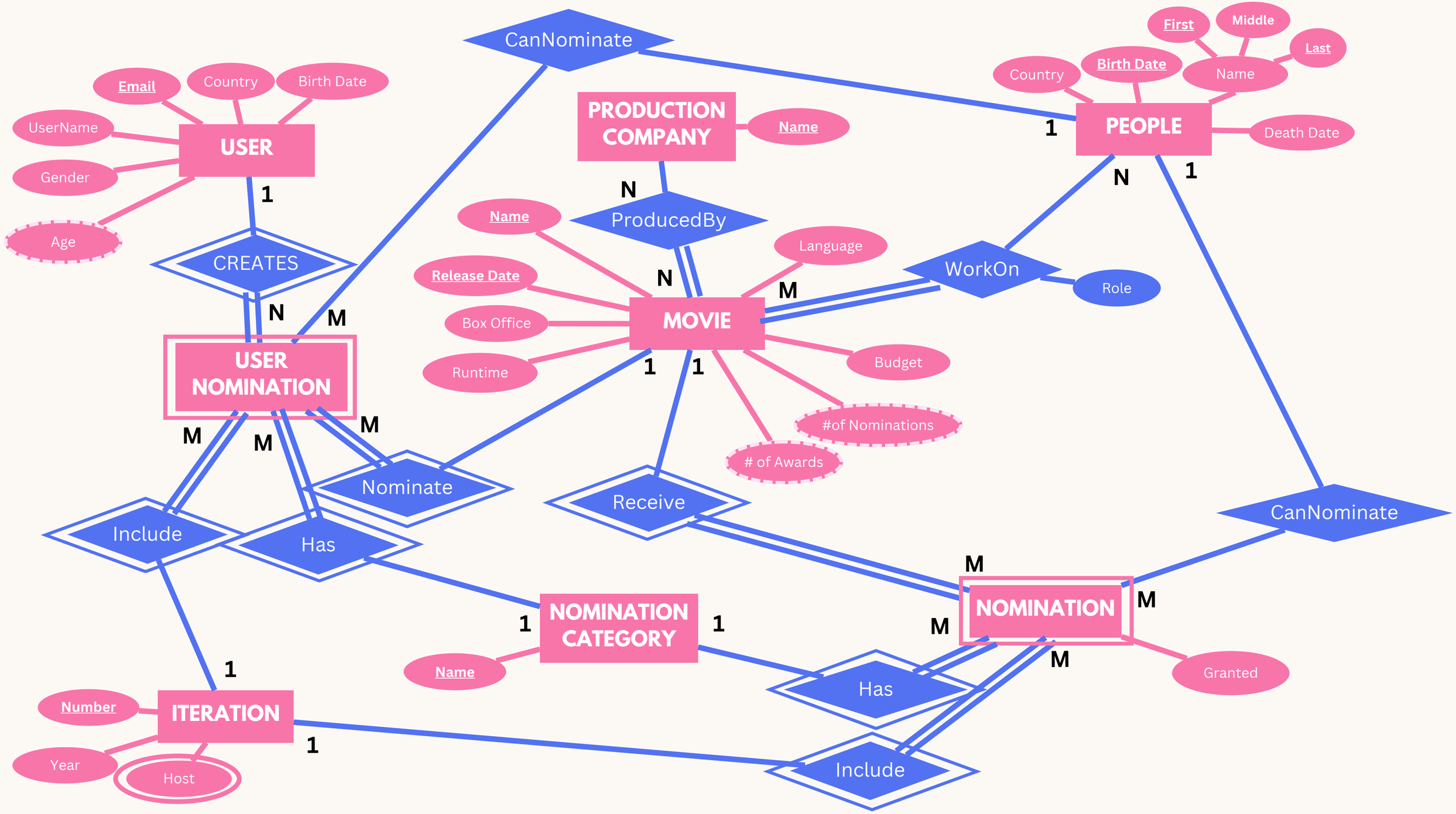
PROJECT - OSCARS
MILESTONE I



Areeg Elkholy


CanNominate
Email
Country
Birth Date
UserName
USER
Gender
Age
1
CREATES
N
M
USER NOMINATION
M
M
M
Include
Has
Nominate
PRODUCTION COMPANY
Name
N
ProducedBy
Name
Release Date
Box Office
Runtime
N
MOVIE
Language
M
1
1
Budget
#of Nominations
# of Awards
Receive
WorkOn
Role
First
Middle
Last
Country
Birth Date
Name
PEOPLE
Death Date
1
N
1
CanNominate
M
NOMINATION
M
M
M
Granted
1
NOMINATION CATEGORY
1
Name
1
Has
1
ITERATION
Number
Year
Host
Include

Some Assumptions and Notes:

1. A nomination can only hold one movie, but each movie can have multiple nomination as nominations have Iteration, NominationCategory And MovieName as primary keys. This way, a movie can be nominated across different categories. This is why it is a one to many relationship, as nomination category is a separate entity.
2. We make the assumption that we can only nominate one person per movie per category.
3. Nomination and User Nomination do not necessarily have to nominate a person (partial relationship from both sides) , as certain categories nominate a movie only such as Best Picture

User (Email (PK), UserName, Gender, BirthDate, Country)

Iteration (Number (PK), Year)

IterationHost (IterationNumber (PK, FK), Host (PK))

ProductionCompany (ProductionCompanyName (PK))

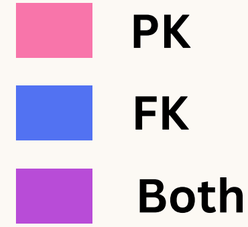
Movie (Name (PK), ReleaseDate (PK) , Budget, BoxOffice, Runtime, Language)

MovieProductionCompany(MovieName (PK, FK), MovieReleaseDate (PK, FK), ProductionCompanyName (PK, FK))

People (FirstName (PK), MiddleName, LastName (PK), BirthDate (PK), Country, DeathDate)

NominationCategory (CategoryName (PK))

Nomination (IterationNumber (PK,FK), MovieName (PK,FK), MovieReleaseDate (PK,FK), CategoryName (PK,FK), PersonFirstName (FK) , PersonLastName (FK), PersonBirthDate (FK), Granted)

RoleInMovie (Role (PK), MovieName(PK, FK), MovieReleaseDate (PK,FK), PersonFirstName (PK, FK), PersonLastName (PK, FK), PersonBirthDate (PK,FK))

UserNomination (UserEmail (PK,FK), IterationNumber (PK, FK), MovieName (PK, FK), MovieReleaseDate (PK,FK), CategoryName (PK, FK), PersonFirstName (FK), PersonLastName (FK), PersonBirthDate (FK))