UFC DATABASE   # SHIVAM PATHAK
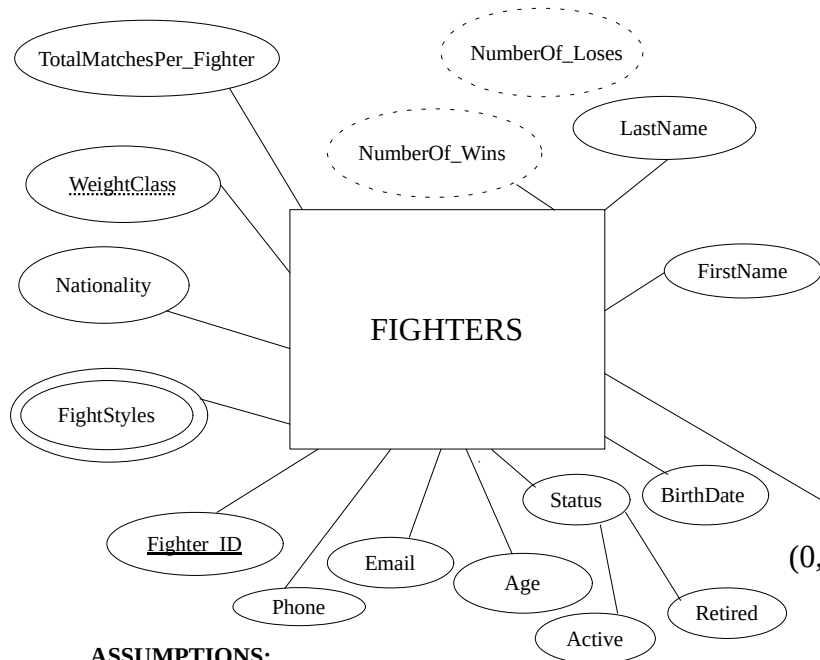

ASSUMPTIONS:

W_Deviation = max(0,ActualFighterWeight – Max_Weight) +
max(0,Min_Weight- ActualFIghterWeight)
NumberOf_Wins = TotalMatchesPer_Fighter – NumberOf_Loses
NumberOf_Loses= TotalMatchesPer_Fighter - NumberOf_Wins

Matches have Match Statistics
-Cardinality: Assuming one match has many match statistics.
(1:N)
-Min,Max: Assuming one match has many match statistics (1,N),
and many match statistics may only relate to one match (N,1)

Fighters involved in Match Statistics
-Cardinality: Assuming one or more fighters may have one or
more match statistics. (N,M)
-Min,Max: Assuming a fighter may not be involved in any match
statistics (have not fought yet) or could be involved in many (0,N),
and many match statistics can relate to many fighters (M,N)

Match Statistics have Weight Classes
-Cardinality: Assuming many match statistics there is one weight
class (N:1)
-Min,Max: Assuming many match statistics have one weight class
(N,1), and one weight class has many match statistics involved in
it(1,N)

Key Pairs:
Primary: Fighter_ID is unique for every fighter
Foreign: M_FighterID matches primary Fighter_ID
Primary: WeightClass_Name is unique to every weight class
Foreign: WeightClass matches primary WeightClass_Name
Primary: MatchNumber is unique for every Match
Foreign: MatchNumber matches primary MatchNumber