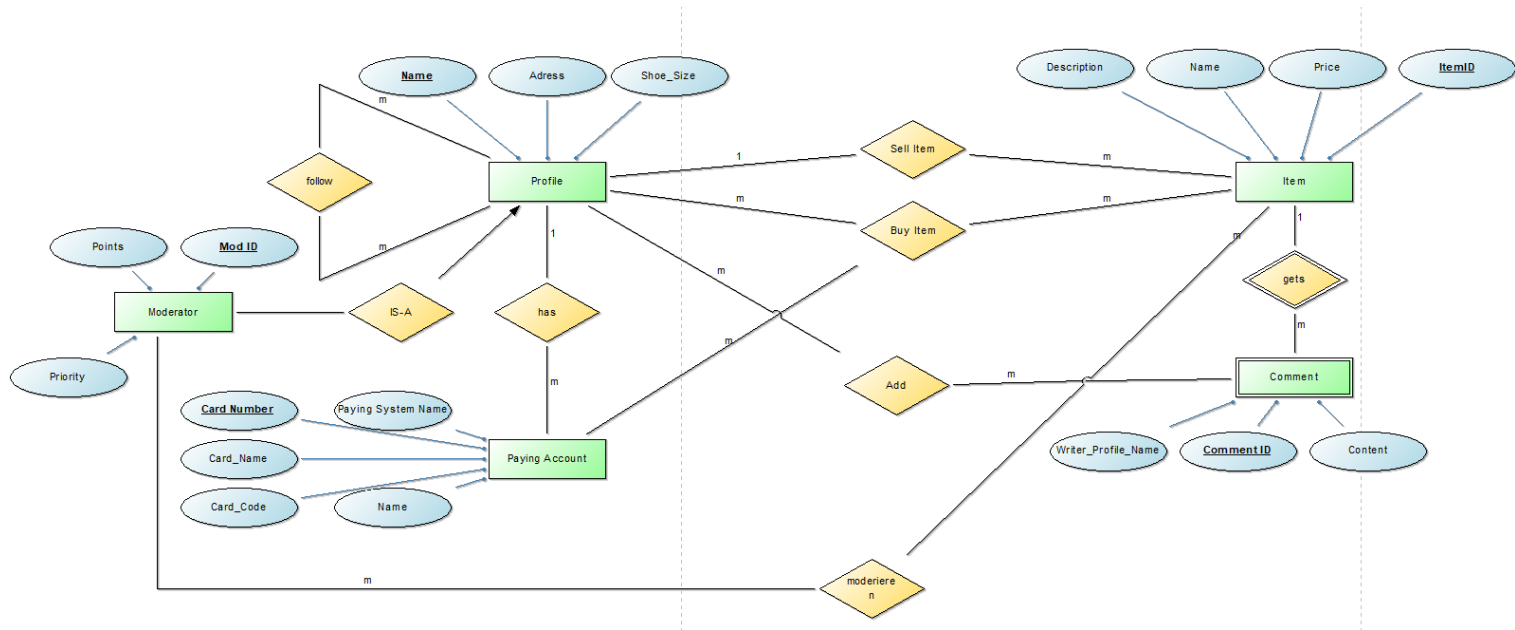


1a) Online Sneakers Shop. Clients make Profiles to use the shop. Profiles require Name, Address, and size of owner. Profiles can follow other profiles. From profiles clients can post their Items for selling. Items have Name, description, price, and they all have ID Number. Clients can buy Items posted from other profiles. Items can receive comments from profiles. Comments have Comment ID, Content, and the name of the profile who made the comment. Profiles link their paying systems to accounts, which they use when buying items. Paying profiles have the name of the paying system, linked card detail (name, number, code) and name of the person whom belongs the account. Some clients can become moderators and moderate Items. Moderators have Mod.ID, Points and Priority.

1b)



2)

**Profile** (Name, Address, Shoe\_Size)

SK = Name

**Follow** (Profile\_Name1, Profile\_Name2)

SK = { Profile\_Name1, Profile\_Name2 }

FK = { Profile\_Name1, Profile\_Name2 }

Follow.( Profile\_Name1, Profile\_Name2 ) <> Profile

**Item** (Name, Description, Price, ItemID, Profile\_Name)

SK = ItemID

FK = Profile\_Name

Item.Profile\_Name <> Profile(Name)

**Buy\_Item** (ItemID, Buyer\_Name, Card\_Number)

SK = {ItemID, Buyer\_Name, Card\_Number}

FK = { ItemID, Buyer\_Name, Card\_Number }

Buy\_Item.(ItemID) <> Item, Buy\_Item.Buyer\_Name, <> Profile(Name), Buy\_Item.Card\_Number <> Paying\_Account

**Commentary** (Writer\_Profile\_Name, CommentID, ItemID, Content)

SK = {CommentID, ItemID}

FK = ItemID

Commentary.(ItemID) <> Item

**Add\_Comment** (Profile\_Name, CommentID, ItemID)

SK = {Profile\_Name, CommentID, ItemID}

FK = {Profile\_Name, CommentID, ItemID}

Add\_Comment.Profile\_Name <> Profile, Add\_Comment.(CommentID , ItemID) <> Commentary

**Paying\_Account**(Name, Profile\_Name, Card\_Number, Card\_Name, Card\_Code, )

SK = Card\_Number

FK = Profile\_Name

Paying\_Account.Profile\_Name <> Profile(Name)

**Moderator**(ModID, Points, Priority, Profile\_Name)

SK = ModID

FK = Profile\_Name

Moderator.Profile\_Name <> Profile(Name)

**Moderate**(ModID, ItemID)

SK = { ModID, ItemID, }

FK = { ModID, ItemID, }

Moderate.ModID <> Moderator, Moderate.(ItemId) <> Item

4) In Java part I insert values into Profile, Item, Follow, Paying\_System and Buy\_Item tables. In php I have CRUD method for Items as well as table overview of Items and Bought\_Items.