

INFO-H303 : Projet Partie 2

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1 Introduction

Ce document modélise toutes les demandes de l'entreprise pour l'implémentation de la base de données.

2 Modélisation

2.1 Diagramme

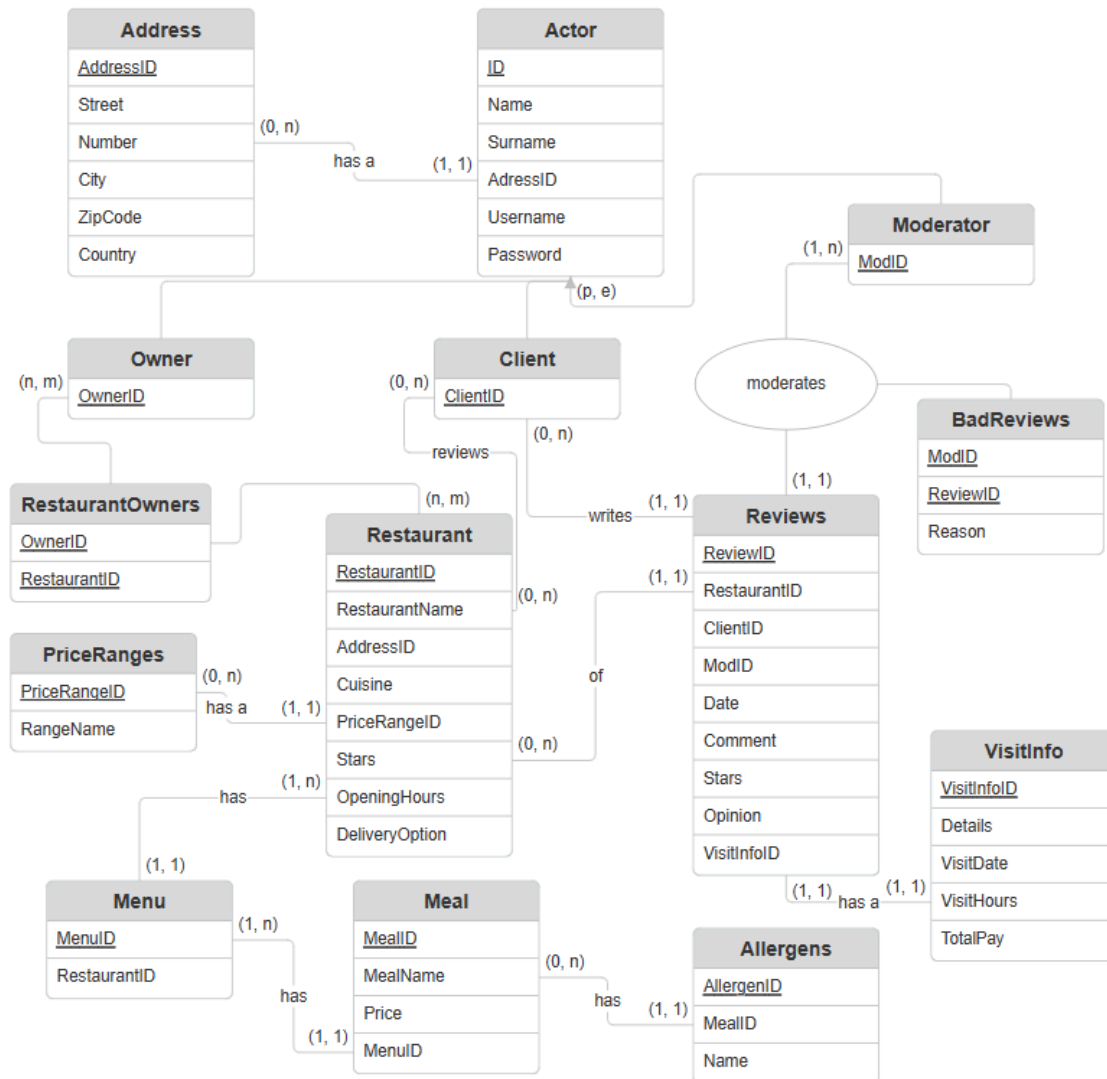


Figure 1: Diagramme entité-association

Ce diagramme représente une version modifiée du diagramme de la phase 1 en prenant en compte les différentes tables de la base de données de notre application.

2.2 Traduction relationnelle

Actor (ID, Name, Surname, AddressID, Username, Password)
Actor.AddressID references Address.AddressID

Address (AddressID, Street, Number, City, ZipCode, Country)

Client (ClientID)
Client.ClientID references Actor.ID

Moderator (ModID)
Moderator.ModID references Actor.ID

Owner (OwnerID)
Owner.OwnerID references Actor.ID

RestaurantOwners (OwnerID, RestaurantID)
RestaurantOwners.OwnerID references Owner.OwnerID
RestaurantOwners.RestaurantID references Restaurant.RestaurantID

Restaurant (RestaurantID, RestaurantName, AddressID, Cuisine, PriceRangeID, Stars, OpeningHours, DeliveryOption)
Restaurant.AddressID references Address.AddressID
Restaurant.PriceRangeID references PriceRanges.PriceRangeID

Menu (MenuID, RestaurantID)
Menu.RestaurantID references Restaurant.RestaurantID

Meal (MealID, MealName, Price, MenuID)
Meal.MenuID references Menu.MenuID

Allergens (AllergenID, Name, MealID)
Allergens.MealID references Meal.MealID

PriceRanges (PriceRangeID, RangeName)

Reviews (ReviewID, RestaurantID, ClientID, ModID, VisitInfoID, Date, Comment, Stars, Opinion)
Reviews.ID references Client.ClientID
Reviews.ModID references Moderator.ModID
Reviews.RestaurantID references Restaurant.RestaurantID
Reviews.VisitInfoID references VisitInfo.VisitInfoID

VisitInfo (VisitInfoID, Details, VisitDate, VisitHour, TotalPay)

BadReviews (ModID, ReviewID, Reason)
BadReviews.ModID references Moderator.ModID
BadReviews.ReviewID references Reviews.ReviewID