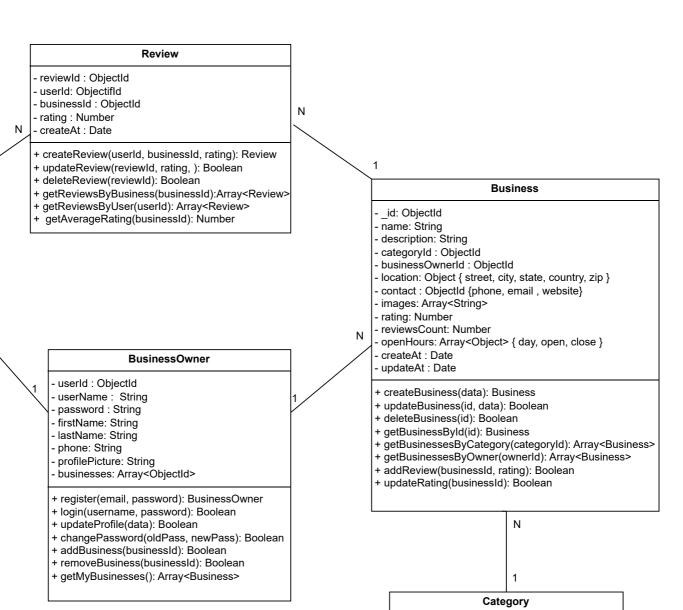## User

- userId : ObjectId
- userName : String
- password : String
- firstName: String
- lastName: String
- profilePicture: String
- role : String
- createAt : Date
- updateAt : Date

+ register(email, password): User
+ login(username, password): Boolean
+ updateProfile(userData): Boolean
+ changePassword(oldPass, newPass): Boolean
+ deleteAccount(): Boolean
+ getFullName(): String
+ uploadProfilePicture: Boolean

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Review

- reviewId : ObjectId
- userId: ObjectifId
- businessId : ObjectId
- rating : Number
- createAt : Date

+ createReview(userId, businessId, rating): Review
+ updateReview(reviewId, rating,): Boolean
+ deleteReview(reviewId): Boolean
+ getReviewsByBusiness(businessId):Array<Review>
+ getReviewsByUser(userId): Array<Review>
+ getAverageRating(businessId): Number

Business

- _id: ObjectId
- name: String
- description: String
- categoryId : ObjectId
- businessOwnerId : ObjectId
- location: Object { street, city, state, country, zip }
- contact : ObjectId {phone, email , website}
- images: Array<String>
- rating: Number
- reviewsCount: Number
- openHours: Array<Object> { day, open, close }
- createAt : Date
- updateAt : Date

+ createBusiness(data): Business
+ updateBusiness(id, data): Boolean
+ deleteBusiness(id): Boolean
+ getBusinessById(id): Business
+ getBusinessesByCategory(categoryId): Array<Business>
+ getBusinessesByOwner(ownerId): Array<Business>
+ addReview(businessId, rating): Boolean
+ updateRating(businessId): Boolean

BusinessOwner

- userId : ObjectId
- userName : String
- password : String
- firstName: String
- lastName: String
- phone: String
- profilePicture: String
- businesses: Array<ObjectId>

+ register(email, password): BusinessOwner
+ login(username, password): Boolean
+ updateProfile(data): Boolean
+ changePassword(oldPass, newPass): Boolean
+ addBusiness(businessId): Boolean
+ removeBusiness(businessId): Boolean
+ getMyBusinesses(): Array<Business>

Category

- categoryId : ObjectId
- name : String
- decription : String

+ createCategory(name, description): Category
+ updateCategory(categoryId, data): Boolean
+ deleteCategory(categoryId): Boolean
+ getCategoryById(categoryId): Category
+ getAllCategories(): Array<Category>

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