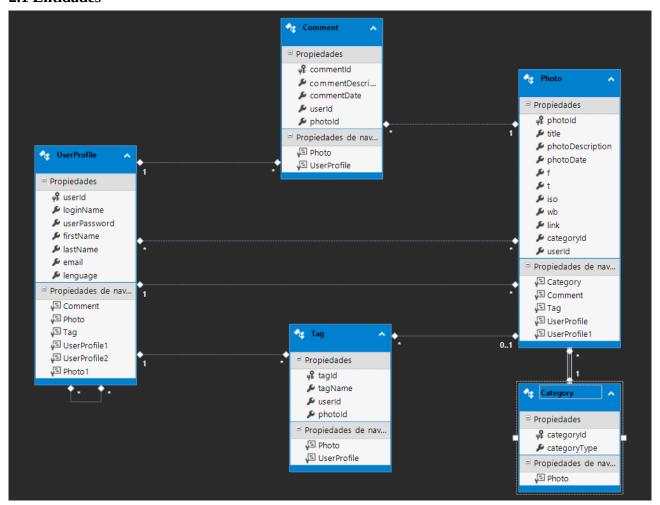
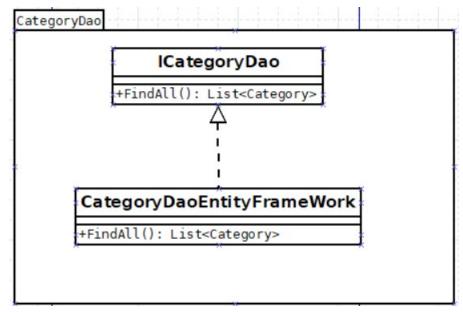
#### 2.1 Entidades



# 2.2 Interfaces de los servicios

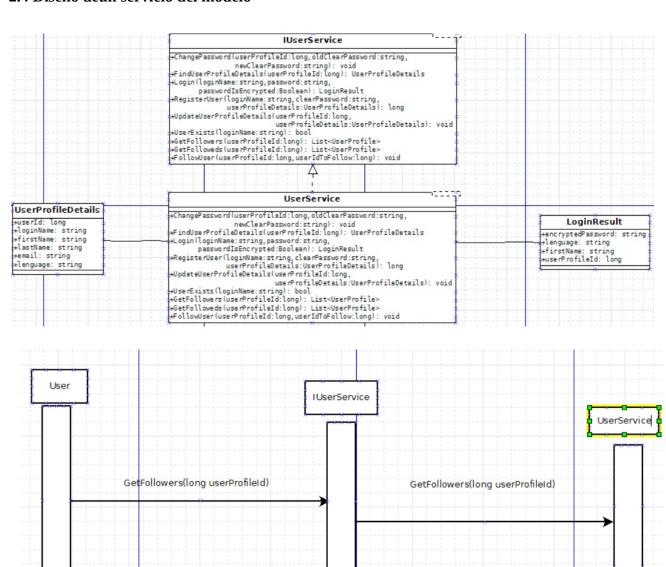
# **IPhotoService** +UpdatePhotoDetails(photoId:long,title:string, photoDescription:string): void +FindAllPhotos(startIndex:int,count:int): PhotoBlock +FindAllPhotosByUser(userId:long,startIndex:0, count:int): PhotoBlock +FindAllPhotosByCategoryAndKeyword(keyword:string, categoryId:long, startIndex:int, count:int): PhotoBlock +FindPhoto(photoId:long): Photo +FindCommentById(commentId:long): Comment +AddComment(photoId:long,userId:long,commentBody:string): long +DeleteComment(commentId:long): void +UpdateComment(commentId:long,commentBody:string): void +FindAllPhotoComments(photoId:long,startIndex:int, count:int): CommentBlock +FindCommentByPhotoAndUser(photoId:long, userId:long): Comment +GenerateLike(userProfileId:long,photoId:long): void +DeleteLike(userProfileId:long,photoId:long): void +UploadPhoto(title:string,description:string, f:long,t:long,iso:string,wb:long, categoryId:long,userId:long, newImage:Image): long +DeletePhoto(photoId:long): void +AddTag(tagName:string,userId:long): long +FindTagByName(tagName:string): Tag +FindAllTags(startIndex:int,count:int): TagBlock +FindAllCategories(): List<Category> +GetPhotoLikes(photoId:long): int

### 2.3 Diseño de un Dao



# 2.4 Diseño deun servicio del modelo

List<UserProfile>



List<UserProfile>