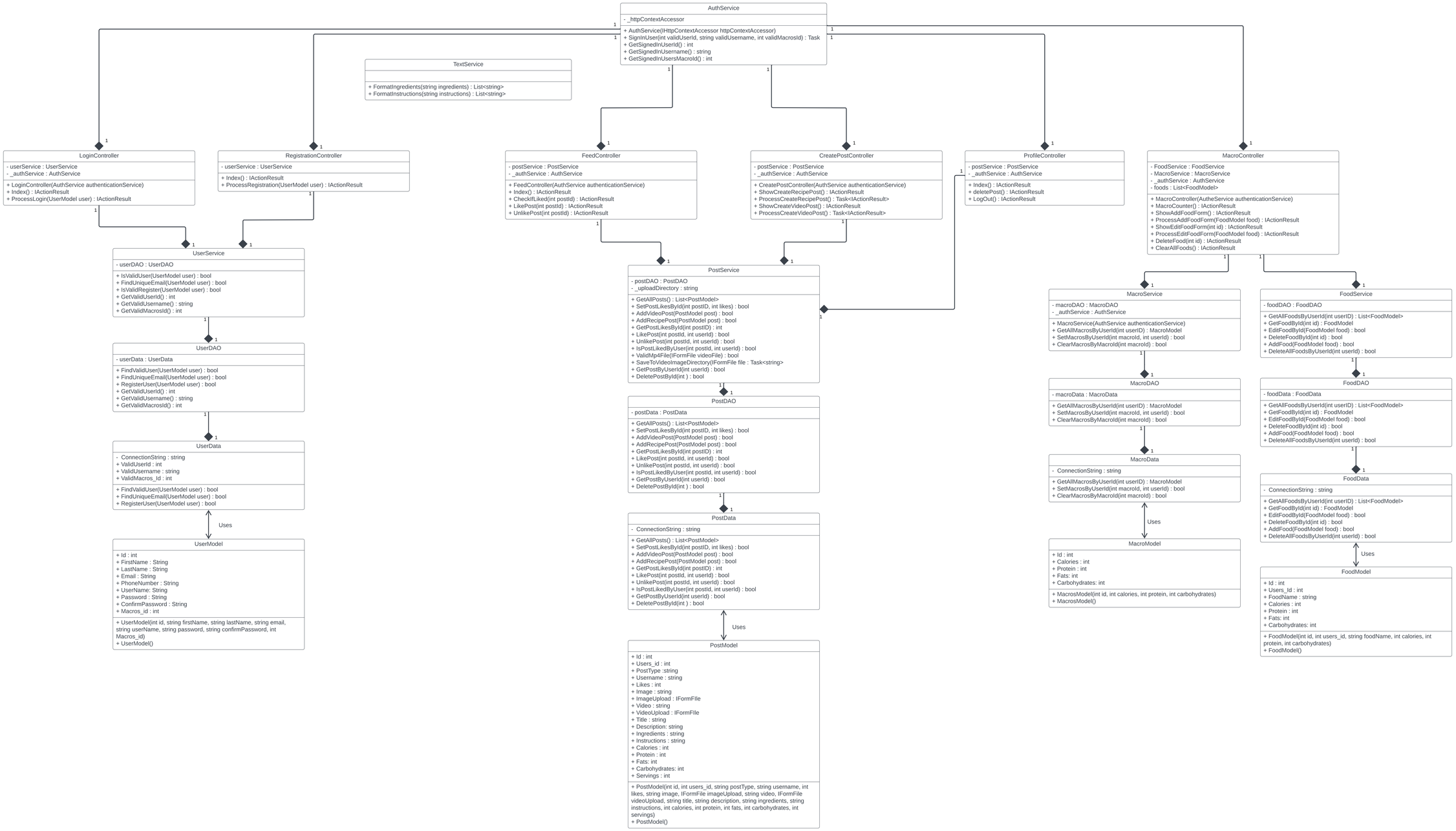
UML Diagram


AuthService
- _httpContextAccessor
+ AuthService(IHttpContextAccessor httpContextAccessor)
+ SignInUser(int validUserId, string validUsername, int validMacrosId) : Task
+ GetSignedInUserId() : int
+ GetSignedInUsername() : string
+ GetSignedInUsersMacroId() : int
TextService
+ FormatIngredients(string ingredients) : List<string>
+ FormatInstructions(string instructions) : List<string>
LoginController
- userService : UserService
- _authService : AuthService
+ LoginController(AuthService authenticationService)
+ Index() : IActionResult
+ ProcessLogin(UserModel user) : IActionResult
RegistrationController
- userService : UserService
+ Index() : IActionResult
+ ProcessRegistration(UserModel user) : IActionResult
FeedController
- postService : PostService
- _authService : AuthService
+ FeedController(AuthService authenticationService)
+ Index() : IActionResult
+ CheckIfLiked(int postId) : IActionResult
+ LikePost(int postId) : IActionResult
+ UnlikePost(int postId) : IActionResult
CreatePostController
- postService : PostService
- _authService : AuthService
+ CreatePostController(AuthService authenticationService)
+ ShowCreateRecipePost() : IActionResult
+ ProcessCreateRecipePost() : Task<IActionResult>
+ ShowCreateVideoPost() : IActionResult
+ ProcessCreateVideoPost() : Task<IActionResult>
ProfileController
- postService : PostService
- _authService : AuthService
+ Index() : IActionResult
+ deletePost() : IActionResult
+ LogOut() : IActionResult
MacroController
- FoodService : FoodService
- MacroService : MacroService
- _authService : AuthService
- foods : List<FoodModel>
+ MacroController(AutheService authenticationService)
+ MacroCounter() : IActionResult
+ ShowAddFoodForm() : IActionResult
+ ProcessAddFoodForm(FoodModel food) : IActionResult
+ ShowEditFoodForm(int id) : IActionResult
+ ProcessEditFoodForm(FoodModel food) : IActionResult
+ DeleteFood(int id) : IActionResult
+ ClearAllFoods() : IActionResult
UserService
- userDAO : UserDAO
+ IsValidUser(UserModel user) : bool
+ FindUniqueEmail(UserModel user) : bool
+ IsValidRegister(UserModel user) : bool
+ GetValidUserId() : int
+ GetValidUsername() : string
+ GetValidMacrosId() : int
UserDAO
- userData : UserData
+ FindValidUser(UserModel user) : bool
+ FindUniqueEmail(UserModel user) : bool
+ RegisterUser(UserModel user) : bool
+ GetValidUserId() : int
+ GetValidUsername() : string
+ GetValidMacrosId() : int
UserData
- ConnectionString : string
+ ValidUserId : int
+ ValidUsername : string
+ ValidMacros_Id : int
+ FindValidUser(UserModel user) : bool
+ FindUniqueEmail(UserModel user) : bool
+ RegisterUser(UserModel user) : bool
Uses
UserModel
+ Id : int
+ FirstName : String
+ LastName : String
+ Email : String
+ PhoneNumber : String
+ UserName: String
+ Password : String
+ ConfirmPassword : String
+ Macros_id : int
+ UserModel(int id, string firstName, string lastName, string email, string userName, string password, string confirmPassword, int Macros_id)
+ UserModel()
PostService
- postDAO : PostDAO
- _uploadDirectory : string
+ GetAllPosts() : List<PostModel>
+ SetPostLikesById(int postID, int likes) : bool
+ AddVideoPost(PostModel post) : bool
+ AddRecipePost(PostModel post) : bool
+ GetPostLikesById(int postID) : int
+ LikePost(int postId, int userId) : bool
+ UnlikePost(int postId, int userId) : bool
+ IsPostLikedByUser(int postId, int userId) : bool
+ ValidMp4File(IFormFile videoFile) : bool
+ SaveToVideoImageDirectory(IFormFile file : Task<string>
+ GetPostByUserId(int userId) : bool
+ DeletePostById(int) : bool
PostDAO
- postData : PostData
+ GetAllPosts() : List<PostModel>
+ SetPostLikesById(int postID, int likes) : bool
+ AddVideoPost(PostModel post) : bool
+ AddRecipePost(PostModel post) : bool
+ GetPostLikesById(int postID) : int
+ LikePost(int postId, int userId) : bool
+ UnlikePost(int postId, int userId) : bool
+ IsPostLikedByUser(int postId, int userId) : bool
+ GetPostByUserId(int userId) : bool
+ DeletePostById(int) : bool
PostData
- ConnectionString : string
+ GetAllPosts() : List<PostModel>
+ SetPostLikesById(int postID, int likes) : bool
+ AddVideoPost(PostModel post) : bool
+ AddRecipePost(PostModel post) : bool
+ GetPostLikesById(int postID) : int
+ LikePost(int postId, int userId) : bool
+ UnlikePost(int postId, int userId) : bool
+ IsPostLikedByUser(int postId, int userId) : bool
+ GetPostByUserId(int userId) : bool
+ DeletePostById(int) : bool
Uses
PostModel
+ Id : int
+ Users_id : int
+ PostType :string
+ Username : string
+ Likes : int
+ Image : string
+ ImageUpload : IFormFile
+ Video : string
+ VideoUpload : IFormFile
+ Title : string
+ Description: string
+ Ingredients : string
+ Instructions : string
+ Calories : int
+ Protein : int
+ Fats: int
+ Carbohydrates: int
+ Servings : int
+ PostModel(int id, int users_id, string postType, string username, int likes, string image, IFormFile imageUpload, string video, IFormFile videoUpload, string title, string description, string ingredients, string instructions, int calories, int protein, int fats, int carbohydrates, int servings)
+ PostModel()
MacroService
- macroDAO : MacroDAO
- _authService : AuthService
+ MacroService(AuthService authenticationService)
+ GetAllMacrosByUserId(int userID) : MacroModel
+ SetMacrosByUserId(int macroId, int userId) : bool
+ ClearMacrosByMacroId(int macroId) : bool
MacroDAO
- macroData : MacroData
+ GetAllMacrosByUserId(int userID) : MacroModel
+ SetMacrosByUserId(int macroId, int userId) : bool
+ ClearMacrosByMacroId(int macroId) : bool
MacroData
- ConnectionString : string
+ GetAllMacrosByUserId(int userID) : MacroModel
+ SetMacrosByUserId(int macroId, int userId) : bool
+ ClearMacrosByMacroId(int macroId) : bool
Uses
MacroModel
+ Id : int
+ Calories : int
+ Protein : int
+ Fats: int
+ Carbohydrates: int
+ MacrosModel(int id, int calories, int protein, int carbohydrates)
+ MacrosModel()
FoodService
- foodDAO : FoodDAO
+ GetAllFoodsByUserId(int userID) : List<FoodModel>
+ GetFoodById(int id) : FoodModel
+ EditFoodById(FoodModel food) : bool
+ DeleteFoodById(int id) : bool
+ AddFood(FoodModel food) : bool
+ DeleteAllFoodsByUserId(int userId) : bool
FoodDAO
- foodData : FoodData
+ GetAllFoodsByUserId(int userID) : List<FoodModel>
+ GetFoodById(int id) : FoodModel
+ EditFoodById(FoodModel food) : bool
+ DeleteFoodById(int id) : bool
+ AddFood(FoodModel food) : bool
+ DeleteAllFoodsByUserId(int userId) : bool
FoodData
- ConnectionString : string
+ GetAllFoodsByUserId(int userID) : List<FoodModel>
+ GetFoodById(int id) : FoodModel
+ EditFoodById(FoodModel food) : bool
+ DeleteFoodById(int id) : bool
+ AddFood(FoodModel food) : bool
+ DeleteAllFoodsByUserId(int userId) : bool
Uses
FoodModel
+ Id : int
+ Users_Id : int
+ FoodName : string
+ Calories : int
+ Protein : int
+ Fats: int
+ Carbohydrates: int
+ FoodModel(int id, int users_id, string foodName, int calories, int protein, int carbohydrates)
+ FoodModel()