

Object Model

Business

Person	Property	Provider	MaintenanceRequest: Request	Address
FirstName: string LastName: string EmailAddress: string PhoneNumber: string	Address: Address BedRooms: int BathRooms: int Requests: List<Request>	Name: string Address: Address EmailAddress: string PhoneNumber: string Properties: List<Property> Employees: List<Person>	PropertyAddress: Address	Address1: string Address2: string ApartmentNumber: string City: string State: string ZipCode: string
+GetFullName() +ToString(): string +Equals(object): bool +GetHashCode(): int	-AddRequest(Request): bool +Equals(object): bool +GetOpenRequests(): List<Request> +HashCode(): int +ToString(): string	-AddEmployee(Person): bool -AddProperty(Property): bool +Equals(Object): bool +HashCode(): int +ToString(): string	Request Initiator: string Title: string Description: string CorrectiveAction: string DateSubmitted: DateTime DateModified: DateTime Provider: string Urgent: boolean Status: StatusEnum	StatusEnum Pending In-Work Completed Rejected

Business Service

ICrud<T>	RequestBroker : ICrud	PersonBroker : ICrud	PropertyBroker : ICrud	ProviderBroker : ICrud
Get(): List<T> Create(T : any): boolean Delete (T : any): boolean Update (T : any): boolean	Get(): List<Request> Create(Request request): boolean Delete (Request request): boolean Update (Request request): boolean	Get(): List<Person> Create(Person person): boolean Delete (Person person): boolean Update (Person person): boolean	Get(): List<Person> Create(Property property): boolean Delete (Property property): boolean Update (Property property): boolean	Get(): List<Provider> Create(Provider provider): boolean Delete (Provider provider): boolean Update (Provider provider): boolean

RequestController	PersonController	PropertyController	ProviderController
RequestBroker rb;	PersonBroker pb;	PropertyBroker pb;	ProviderBroker pb;
Get(): List<Request> Create(Request request): boolean Delete (Request request): boolean Update (Request request): boolean	Get(): List<Person> Create(Person person): boolean Delete (Person person): boolean Update (Person person): boolean	Get(): List<Property> Create(Property property): boolean Delete (Property property): boolean Update (Property property): boolean	Get(): List<Provider> Create(Provider provider): boolean Delete (Provider provider): boolean Update (Provider provider): boolean