

Data Model

Data Service

| ICrud<T> |
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| |
| Get(): List<T> Create(T : any): boolean Delete (T : any): boolean Update (T : any): boolean |

| RequestBroker : ICrud |
|---|
| dbTdao : MapperConfiguration daoTodb : MapperConfiguration handler : DAOHandler |
| Get(): List<RequestDAO> Create(RequestDAO request): boolean Delete (RequestDAO request): boolean Update (RequestDAO request): boolean |

| PersonBroker : ICrud |
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| dbTdao : MapperConfiguration daoTodb : MapperConfiguration handler : DAOHandler |
| Get(): List<PersonDAO> Create(PersonDAO person): boolean Delete (PersonDAO person): boolean Update (PersonDAO person): boolean |

| PropertyBroker : ICrud |
|--|
| dbTdao : MapperConfiguration daoTodb : MapperConfiguration handler : DAOHandler |
| Get(): List<PersonDAO> Create(PropertyDAO property): boolean Delete (PropertyDAO property): boolean Update (PropertyDAO property): boolean |

| ProviderBroker : ICrud |
|---|
| dbTdao : MapperConfiguration daoTodb : MapperConfiguration handler : DAOHandler |
| Get(): List<ProvideDAOr> Create(ProviderDAO provider): boolean Delete (ProviderDAO provider): boolean Update (ProviderDAO provider): boolean |

| RequestController |
|--|
| RequestBroker rb; |
| Get(): List<RequesDAOt> Create(RequestDAO request): boolean Delete (RequestDAO request): boolean Update (RequestDAO request): boolean |

| PersonController |
|---|
| PersonBroker pb; |
| Get(): List<PersonDAO> Create(PersonDAO person): boolean Delete (PersonDAO person): boolean Update (PersonDAO person): boolean |

| ProviderController |
|---|
| ProviderBroker pb; |
| Get(): List<ProviderDAO> Create(ProviderDAO provider): boolean Delete (ProviderDAO provider): boolean Update (ProviderDAO provider): boolean |

| PropertyController |
|---|
| PropertyBroker pb; |
| Get(): List<PropertyDAO> Create(PropertyDAO property): boolean Delete (PropertyDAO property): boolean Update (PropertyDAO property): boolean |

| ProviderDAO |
|--|
| Name: string Contact: ContactDAO Addr: AddressDAO PropList: List<PropertyDAO> EmpList: List<PersonDAO> |

| AddressDAO |
|---|
| Street1: string Street2: string AptNum: Int City: string State: string ZipCode: string |

| ContactDAO |
|--------------------------------|
| Email: string Phone: string |

| Status |
|--|
| 1. Pending, 2. Hold, 3. Completed 4. Rejected |

| PropertyDAO |
|--|
| NumRoom: Int NumBath: Int Addr: AddressDAO Complex: ComplexDAO ReqList: List<RequestDAO> |

| ComplexDAO |
|---|
| Name: string Contact: Contact Addr: Address |

| RequestDAO |
|--|
| Urgent : bool RequestTitle : string Description : string RequestDate : DateTime RequestModifiedDate : DateTime RequestorName : string PropertyId : int RepresentativeName : string Action : string RequestType : RequestType Status : Status |

Data

| DAOHandler |
|---|
| Private Static Context: DBEntity PropertyDAO PropertyDao ProviderDAO ProviderDao AddressDAO : AddressDao RequestDAO : RequestDao PersonDAO : PersonDao |
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| ICrud |
|---|
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| Get(): List<T> Create(T : any) Delete (T : any) Update (T : any) |

| RequestDAO : ICrud |
|--|
| Get(): List<Request> Create(Request Request) Delete (Request Request) Update (Request Request) |

| PersonDAO: ICrud |
|---|
| Get(): List<Person> Create(Person Person) Delete (Person Person) Update (Person Person) |

| AddressDAO : ICrud |
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| Get(): List<Address> Create(Address Address) Delete (Address Address) Update (Address Address) |

| PropertyDAO : ICrud |
|---|
| Get(): List<Property> Create(Property Property) Delete (Property Property) Update (Property Property) |

| ProviderDAO: ICrud |
|---|
| Get(): List<Provider> Create(Provider Provider) Delete (Provider Provider) Update (Provider Provider) |