

# Table Of Content

---

<a href="#">com.jSMWebService</a> .....	2
<a href="#">Assignment</a> .....	2
<a href="#">Assignment.STATUS</a> .....	4
<a href="#">RequestOrder</a> .....	5
<a href="#">RequestOrder.STATUS</a> .....	10
<a href="#">RequestResponse</a> .....	11
<a href="#">RequestResponse.STATUS</a> .....	14
<a href="#">User</a> .....	16
<a href="#">UserType</a> .....	19
<a href="#">UserType.USERTYPEID</a> .....	20
<a href="#">com.jSMWebService.DAO</a> .....	22
<a href="#">AssignmentDAO</a> .....	22
<a href="#">BaseDAO</a> .....	24
<a href="#">RequestOrderDAO</a> .....	24
<a href="#">RequestResponseDAO</a> .....	27
<a href="#">UserDAO</a> .....	29
<a href="#">UserTypeDAO</a> .....	31
<a href="#">com.jSMWebService.Service</a> .....	33
<a href="#">RequestOrderService</a> .....	33
<a href="#">RequestResponseService</a> .....	36
<a href="#">UserService</a> .....	39
<a href="#">UserTypeService</a> .....	41
<a href="#">Index</a> .....	43

# Package com.jSMWebService

## Class Summary

[Assignment](#)

[Assignment.STATUS](#)

[RequestOrder](#)

[RequestOrder.STATUS](#)

[RequestResponse](#)

[RequestResponse.STATUS](#)

[User](#)

[UserType](#)

[UserType.USERTYPEID](#)

---

com.jSMWebService

## Class Assignment

```
java.lang.Object
|
+--com.jSMWebService.Assignment
```

**All Implemented Interfaces:**

java.io.Serializable

---

< [Constructors](#) > < [Methods](#) >

---

```
public class Assignment
extends java.lang.Object
implements java.io.Serializable
```

## Constructors

### Assignment

```
public Assignment()
```

---

# Assignment

```
public Assignment(int id,  
                  Assignment.STATUS status,  
                  int idResponse,  
                  int idEmployee)
```

## Methods

### getIdAssignment

```
public int getIdAssignment()
```

---

### getStatus

```
public Assignment.STATUS getStatus()
```

---

### getIdEmployee

```
public int getIdEmployee()
```

---

### getIdResponse

```
public int getIdResponse()
```

---

### setIdAssignment

```
public void setIdAssignment(int idAssignment)
```

---

### setIdEmployee

```
public void setIdEmployee(int idEmployee)
```

---

## setIdResponse

```
public void setIdResponse(int idResponse)
```

---

com.jSMWebService

## Class Assignment.STATUS

```
java.lang.Object
|
+-- java.lang.Enum
|
+-- com.jSMWebService.Assignment.STATUS
```

### All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

---

< [Fields](#) > < [Methods](#) >

---

```
public static final class Assignment.STATUS
extends java.lang.Enum
```

## Fields

### ACCEPTED

```
public static final Assignment.STATUS ACCEPTED
```

### FINISH

```
public static final Assignment.STATUS FINISH
```

### REJECTED

```
public static final Assignment.STATUS REJECTED
```

### WORKING

```
public static final Assignment.STATUS WORKING
```

## Methods

## FromInt

```
public static Assignment.STATUS FromInt(int value)
```

---

## getValue

```
public int getValue()
```

---

## valueOf

```
public static Assignment.STATUS valueOf(java.lang.String name)
```

---

## values

```
public static com.jSMWebService.Assignment.STATUS[] values()
```

---

**com.jSMWebService**

# Class RequestOrder

```
java.lang.Object
|
+--com.jSMWebService.RequestOrder
```

**All Implemented Interfaces:**  
java.io.Serializable

---

< [Constructors](#) > < [Methods](#) >

---

```
public class RequestOrder
extends java.lang.Object
implements java.io.Serializable
```

## Constructors

## RequestOrder

```
public RequestOrder()
```

---

# RequestOrder

```
public RequestOrder(int id,
                    double area,
                    int noofdoors,
                    int entryexitdoors,
                    int openwindows,
                    double openareas,
                    int doorbell,
                    java.lang.String locationservice,
RequestOrder.STATUS status,
                    int idcustomer,
                    int idmanager,
                    int idadmin)
```

## Methods

### getArea

```
public double getArea()
```

---

### getDate

```
public java.util.Date getDate()
```

---

### getDoorBell

```
public int getDoorBell()
```

---

### getEntry\_Exit\_Doors

```
public int getEntry_Exit_Doors()
```

---

### getIdAdmin

```
public int getIdAdmin()
```

---

## getIdCustomer

```
public int getIdCustomer()
```

---

## getIdManager

```
public int getIdManager()
```

---

## getIdRequest

```
public int getIdRequest()
```

---

## getLocationOfService

```
public java.lang.String getLocationOfService()
```

---

## getNoOfDoors

```
public int getNoOfDoors()
```

---

## getOpenAreas

```
public double getOpenAreas()
```

---

## getOpenWindows

```
public int getOpenWindows()
```

---

## getStatus

```
public int getStatus()
```

---

## setArea

```
public void setArea(double area)
```

---

## setDate

```
public void setDate(java.util.Date date)
```

---

## setDoorBell

```
public void setDoorBell(int doorbell)
```

---

## setEntry\_Exit\_Doors

```
public void setEntry_Exit_Doors(int entries)
```

---

## setIdAdmin

```
public void setIdAdmin(int idAdmin)
```

---

## setIdCustomer

```
public void setIdCustomer(int idcustomer)
```

---

## setIdManager

```
public void setIdManager(int idmanager)
```

---



## setIdRequest

```
public void setIdRequest(int idrequest)
```

---

## setLocationOfService

```
public void setLocationOfService(java.lang.String locationservice)
```

---

## setNoOfDoors

```
public void setNoOfDoors(int doors)
```

---

## setOpenAreas

```
public void setOpenAreas(double area)
```

---

## setOpenWindows

```
public void setOpenWindows(int openwindows)
```

---

## setStatus

```
public void setStatus(RequestOrder.STATUS status)
```

---

com.jSMWebService

# Class RequestOrder.STATUS

```
java.lang.Object
|
+-- java.lang.Enum
|
+-- com.jSMWebService.RequestOrder.STATUS
```

## All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

---

< [Fields](#) > < [Methods](#) >

---

public static final class **RequestOrder.STATUS**  
extends java.lang.Enum

## Fields

### ACCEPTED

public static final [RequestOrder.STATUS](#) **ACCEPTED**

---

### INPROGRESS

public static final [RequestOrder.STATUS](#) **INPROGRESS**

---

### PENDING

public static final [RequestOrder.STATUS](#) **PENDING**

---

### REJECTED

public static final [RequestOrder.STATUS](#) **REJECTED**

---

### REVIEWED

public static final [RequestOrder.STATUS](#) **REVIEWED**

## Methods

## FromInt

```
public static RequestOrder.STATUS FromInt(int value)
```

---

## getValue

```
public int getValue()
```

---

## valueOf

```
public static RequestOrder.STATUS valueOf(java.lang.String name)
```

---

## values

```
public static com.jsMWebService.RequestOrder.STATUS[] values()
```

---

com.jsMWebService

# Class RequestResponse

```
java.lang.Object
|
+--com.jsMWebService.RequestResponse
```

**All Implemented Interfaces:**  
java.io.Serializable

---

< [Constructors](#) > < [Methods](#) >

---

```
public class RequestResponse
extends java.lang.Object
implements java.io.Serializable
```

## Constructors

## RequestResponse

```
public RequestResponse()
```

---

# RequestResponse

```
public RequestResponse(int idResponse,  
                      int noOfAlarm,  
                      int motionDetector,  
                      int cableBundle,  
                      int doorBell,  
                      double totalCost,  
                      RequestResponse.STATUS status,  
                      int idrequest)
```

## Methods

### getCableBundle

```
public int getCableBundle()
```

---

### getDoorBell

```
public int getDoorBell()
```

---

### getIdRequest

```
public int getIdRequest()
```

---

### getIdResponse

```
public int getIdResponse()
```

---

### getMotionDetector

```
public int getMotionDetector()
```

---

## getNoOfAlarmPanel

```
public int getNoOfAlarmPanel()
```

---

## getStatus

```
public RequestResponse.STATUS getStatus()
```

---

## getTotalCost

```
public double getTotalCost()
```

---

## setCableBundle

```
public void setCableBundle(int cablebundle)
```

---

## setDoorBell

```
public void setDoorBell(int doorbell)
```

---

## setIdRequest

```
public void setIdRequest(int idrequest)
```

---

## setIdResponse

```
public void setIdResponse(int idresponse)
```

---

## setMotionDetector

```
public void setMotionDetector(int motiondetector)
```

---

## setNoOfAlarmPanel

```
public void setNoOfAlarmPanel(int noofalarm)
```

---

## setStatus

```
public void setStatus(RequestResponse.STATUS status)
```

---

## setTotalCost

```
public void setTotalCost(double totalcost)
```

---

com.jSMWebService

# Class RequestResponse.STATUS

```
java.lang.Object
|
+-- java.lang.Enum
|
+-- com.jSMWebService.RequestResponse.STATUS
```

### All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

---

< [Fields](#) > < [Methods](#) >

---

```
public static final class RequestResponse.STATUS
extends java.lang.Enum
```

## Fields

### ACCEPTED

```
public static final RequestResponse.STATUS ACCEPTED
```

---

### INPROGRESS

```
public static final RequestResponse.STATUS INPROGRESS
```

---

## PENDING

public static final [RequestResponse.STATUS](#) **PENDING**

---

## REJECTED

public static final [RequestResponse.STATUS](#) **REJECTED**

---

## REVIEWED

public static final [RequestResponse.STATUS](#) **REVIEWED**

---

## Methods

### FromInt

public static [RequestResponse.STATUS](#) **FromInt**(int value)

---

### getValue

public int **getValue**()

---

### valueOf

public static [RequestResponse.STATUS](#) **valueOf**(java.lang.String name)

---

### values

public static com.jsMWebService.RequestResponse.STATUS[] **values**()

---

com.jSMWebService

# Class User

```
java.lang.Object
|
+--com.jSMWebService.User
```

## All Implemented Interfaces:

java.io.Serializable

---

< [Constructors](#) > < [Methods](#) >

---

```
public class User
extends java.lang.Object
implements java.io.Serializable
```

## Author:

segroup1

## Constructors

### User

```
public User()
```

---

### User

```
public User(int id,
            java.lang.String name,
            java.lang.String fone,
            java.lang.String address,
            java.lang.String gender,
            int usertype)
```

## Methods

### getAddress

```
public java.lang.String getAddress()
```

---



## getEmail

```
public java.lang.String getEmail()
```

---

## getFone

```
public java.lang.String getFone()
```

---

## getGender

```
public java.lang.String getGender()
```

---

## getId

```
public int getId()
```

---

## getIdType

```
public int getIdType()
```

---

## getName

```
public java.lang.String getName()
```

---

## getPassword

```
public java.lang.String getPassword()
```

---

## setAddress

```
public void setAddress(java.lang.String address)
```

---

## setEmail

```
public void setEmail(java.lang.String email)
```

---

## setFone

```
public void setFone(java.lang.String fone)
```

---

## setGender

```
public void setGender(java.lang.String gender)
```

---

## setId

```
public void setId(int id)
```

---

## setIdType

```
public void setIdType(int id)
```

---

## setName

```
public void setName(java.lang.String name)
```

---

## setPassword

```
public void setPassword(java.lang.String password)
```

---

com.jSMWebService

# Class UserType

```
java.lang.Object
|
+--com.jSMWebService.UserType
```

## All Implemented Interfaces:

java.io.Serializable

---

< [Constructors](#) > < [Methods](#) >

---

```
public class UserType
    extends java.lang.Object
    implements java.io.Serializable
```

## Constructors

### UserType

```
public UserType()
```

---

### UserType

```
public UserType(int id,
                java.lang.String type)
```

## Methods

### getId

```
public int getId()
```

---

### getType

```
public java.lang.String getType()
```

---

## setId

```
public void setId(int id)
```

---

## setType

```
public void setType(java.lang.String type)
```

---

com.jSMWebService

# Class UserType.USERTYPEID

```
java.lang.Object
|
+-- java.lang.Enum
|
+-- com.jSMWebService.UserType.USERTYPEID
```

### All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

---

< [Fields](#) > < [Methods](#) >

---

```
public static final class UserType.USERTYPEID
extends java.lang.Enum
```

## Fields

### ADMIN

```
public static final UserType.USERTYPEID ADMIN
```

---

### CUSTOMER

```
public static final UserType.USERTYPEID CUSTOMER
```

---

### EMPLOYEE

```
public static final UserType.USERTYPEID EMPLOYEE
```

---

# MANAGER

```
public static final UserType.USERTYPEID MANAGER
```

## Methods

### FromInt

```
public static UserType.USERTYPEID FromInt(int value)
```

---

### FromString

```
public static UserType.USERTYPEID FromString(java.lang.String usertype)
```

---

### getValue

```
public int getValue()
```

---

### valueOf

```
public static UserType.USERTYPEID valueOf(java.lang.String name)
```

---

### values

```
public static com.jsMWebService.UserType.USERTYPEID[] values()
```

# Package com.jSMWebService.DAO

## Class Summary

### [AssignmentDAO](#)

This is the DAO class for accessing Assignment table in DB

### [BaseDAO](#)

This is the base DAO for all DAO classes this contains the sql2o object which is used create connection to mysql

### [RequestOrderDAO](#)

This is the DAO class for accessing RequestOrder table in DB

### [RequestResponseDAO](#)

This is the DAO class for accessing RequestResponse table in DB

### [UserDAO](#)

This is the DAO class for access table User in Db

### [UserTypeDAO](#)

This is the DAO class for access table UserType in Db

---

com.jSMWebService.DAO

## Class AssignmentDAO

```
java.lang.Object
|
+-- BaseDAO
|
+-- com.jSMWebService.DAO.AssignmentDAO
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class AssignmentDAO
extends BaseDAO
```

This is the DAO class for accessing Assignment table in DB

**Author:**

segroup1

## Constructors

# AssignmentDAO

```
public AssignmentDAO()
```

## Methods

### getAll

```
public java.util.List getAll()
```

Get All assignments from table Assignment

**Returns:**

---

### selectById

```
public Assignment selectById(int AssignmentId)
```

Get assignment by ID

**Parameters:**

AssignmentId -

**Returns:**

---

### selectByIdResponse

```
public java.util.List selectByIdResponse(int idResponse)
```

Get Request by id response

**Parameters:**

status -

**Returns:**

---

### selectByStatus

```
public java.util.List selectByStatus(Assignment.STATUS status)
```

Get Request by Status

**Parameters:**

status -

**Returns:**

---

com.jSMWebService.DAO

# Class BaseDAO

```
java.lang.Object
|
+--com.jSMWebService.DAO.BaseDAO
```

## Direct Known Subclasses:

[AssignmentDAO](#), [RequestOrderDAO](#), [RequestResponseDAO](#), [UserDAO](#), [UserTypeDAO](#)

---

< [Constructors](#) >

---

```
public class BaseDAO
extends java.lang.Object
```

This is the base DAO for all DAO classes this contains the sql2o object which is used create connection to mysql

## Author:

segroup1

## Constructors

---

### BaseDAO

```
public BaseDAO()
```

---

com.jSMWebService.DAO

# Class RequestOrderDAO

```
java.lang.Object
|
+--BaseDAO
|
+--com.jSMWebService.DAO.RequestOrderDAO
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class RequestOrderDAO
extends BaseDAO
```

This is the DAO class for accessing RequestOrder table in DB

## Author:

segroup1



## Constructors

### RequestOrderDAO

```
public RequestOrderDAO()
```

## Methods

### Create

```
public RequestOrder Create(RequestOrder requestorder)
```

Create an new Request Order

**Parameters:**

requestorder -

**Returns:**

---

### Update

```
public RequestOrder Update(RequestOrder requestorder)
```

Update the information of a request order

**Parameters:**

requestorder -

**Returns:**

---

### getAllRequestOrders

```
public java.util.List getAllRequestOrders()
```

Get All requestorders from table RequestOrder

**Returns:**

---

## selectRequestOrderByAdminID

```
public java.util.List selectRequestOrderByAdminID(int AdminID)
```

Get RequestOrder by AdminID

**Parameters:**

AdminID -

**Returns:**

---

## selectRequestOrderByCustomerID

```
public java.util.List selectRequestOrderByCustomerID(int CustomerID)
```

Get Request Order by customerID

**Parameters:**

CustomerID -

**Returns:**

---

## selectRequestOrderByID

```
public RequestOrder selectRequestOrderByID(int RequestOrderId)
```

Get Request Order by ID

**Parameters:**

RequestOrderId -

**Returns:**

---

## selectRequestOrderByManagerID

```
public java.util.List selectRequestOrderByManagerID(int ManagerID)
```

Get Request Order by Manager ID

**Parameters:**

ManagerID -

**Returns:**

---

## selectRequestOrderByStatus

```
public java.util.List selectRequestOrderByStatus(RequestOrder.STATUS status)
```

Get Request by Status

**Parameters:**

status -

**Returns:**

---

com.jSMWebService.DAO

## Class RequestResponseDAO

```
java.lang.Object
|
+--BaseDAO
    |
    +--com.jSMWebService.DAO.RequestResponseDAO
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class RequestResponseDAO
extends BaseDAO
```

This is the DAO class for accessing RequestResponse table in DB

**Author:**

segroup1

## Constructors

## RequestResponseDAO

```
public RequestResponseDAO()
```

## Methods

## Update

```
public RequestResponse Update(RequestResponse requestresponse)
```

Update the information of a request order

**Parameters:**

requestresponse -

**Returns:**

---

## create

```
public RequestResponse create(RequestResponse requestresponse)
```

Create an new Request Response

**Parameters:**

requestresponse -

**Returns:**

---

## getAll

```
public java.util.List getAll()
```

Get All requestresponses from table RequestResponse

**Returns:**

---

## selectByCustomerId

```
public java.util.List selectByCustomerId(int customerid)
```

Get Request by Customer ID

**Parameters:**

status -

**Returns:**

---

## selectById

```
public RequestResponse selectById(int responseId)
```

Get Request Response by ID

**Parameters:**

RequestResponseId -

**Returns:**

---

## selectByRequestId

```
public java.util.List selectByRequestId(int requestId)
```

Get Request Response by requestId

**Parameters:**

CustomerID -

**Returns:**

---

## selectByStatus

```
public java.util.List selectByStatus(RequestResponse.STATUS status)
```

Get Request by Status

**Parameters:**

status -

**Returns:**

---

com.jSMWebService.DAO

## Class UserDAO

```
java.lang.Object
|
+--BaseDAO
    |
    +--com.jSMWebService.DAO.UserDAO
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class UserDAO
extends BaseDAO
```

This is the DAO class for access table User in Db

**Author:**

segroup1

## Constructors

### UserDAO

```
public UserDAO()
```

## Methods

### Create

```
public User Create(User user)
```

create the information of a user

**Parameters:**

user -

**Returns:**

---

### Update

```
public User Update(User user)
```

Update the information of a user

**Parameters:**

user -

**Returns:**

---

### getAllUsers

```
public java.util.List getAllUsers()
```

Get all users from table user

**Returns:**

---

## selectUserByID

```
public User selectUserByID(int userId)
```

Selec User by ID

**Parameters:**

userId -

**Returns:**

---

## selectUserForLogin

```
public User selectUserForLogin(java.lang.String email,  
                                java.lang.String password,  
                                int userType)
```

Get User For login info

**Parameters:**

email -

password -

userType -

**Returns:**

---

## selectUsersByType

```
public java.util.List selectUsersByType(UserType.USERTYPEID userType)
```

Get user by type of user: ADMIN, MAnager, employee, customer

**Parameters:**

userType -

**Returns:**

---

com.jSMWebService.DAO

## Class UserTypeDAO

```
java.lang.Object  
|  
+--BaseDAO  
    |  
    +--com.jSMWebService.DAO.UserTypeDAO
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class UserTypeDAO  
extends BaseDAO
```

This is the DAO class for access table UserType in Db

**Author:**  
segroup1

## Constructors

### UserTypeDAO

```
public UserTypeDAO()
```

## Methods

### Update

```
public UserType Update(UserType usertype)
```

Update the information of a request order

**Parameters:**

requestorder -

**Returns:**

---

### getAll

```
public java.util.List getAll()
```

Get all users from table user

**Returns:**

---

### getById

```
public UserType getById(int usertypeId)
```

Select UserType by ID Use UserType.USERTYPEID enum to get correct value if need

**Parameters:**

userId -

**Returns:**



# Package com.jSMWebService.Service

## Class Summary

[RequestOrderService](#)

[RequestResponseService](#)

[UserService](#)

[UserTypeService](#)

---

com.jSMWebService.Service

## Class RequestOrderService

```
java.lang.Object
|
+--com.jSMWebService.Service.RequestOrderService
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class RequestOrderService
extends java.lang.Object
```

## Constructors

### RequestOrderService

```
public RequestOrderService()
```

## Methods

# Create

```
public RequestOrder Create(double Area,  
                           int NoOfDoors,  
                           int Entry_Exit_Doors,  
                           int OpenWindows,  
                           double OpenAreas,  
                           int DoorBell,  
                           java.lang.String LocationOfService,  
                           int idCustomer)
```

API: Create a request

## Parameters:

idRequest -

## Returns:

---

# Update

```
public RequestOrder Update(int idRequest,  
                           double Area,  
                           int NoOfDoors,  
                           int Entry_Exit_Doors,  
                           int OpenWindows,  
                           double OpenAreas,  
                           int DoorBell,  
                           java.lang.String LocationOfService,  
                           int Status,  
                           int idCustomer,  
                           int idManager,  
                           int idAdmin)
```

API: Update a RequestOrder:

## Parameters:

idRequest - : key do not change

Area -

NoOfDoors -

Entry\_Exit\_Doors -

OpenWindows -

OpenAreas -

DoorBell -

LocationOfService -

Status -

idCustomer -

idManager -

idAdmin -

## Returns:

---

## getByStatus

```
public java.util.List getByStatus(int Status)
```

Get RO by status

**Parameters:**

Status -

**Returns:**

---

## getRequestOrderByID

```
public RequestOrder getRequestOrderByID(int idRequest)
```

API: get a request order by ID

**Parameters:**

idRequest -

**Returns:**

---

## getRequestOrders

```
public java.util.List getRequestOrders()
```

API: get all request order

**Returns:**

---

## getRequestOrdersByCustomer

```
public java.util.List getRequestOrdersByCustomer(int idCustomer)
```

API: gaet RO by customer ID

**Parameters:**

idCustomer -

**Returns:**

---

com.jSMWebService.Service

# Class RequestResponseService

```
java.lang.Object
|
+--com.jSMWebService.Service.RequestResponseService
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class RequestResponseService
    extends java.lang.Object
```

## Constructors

### RequestResponseService

```
public RequestResponseService()
```

## Methods

# Update

```
public RequestResponse Update(int idResponse,  
                                int idRequest,  
                                int NoOfAlarm,  
                                int MotionDetector,  
                                int CableBundle,  
                                int DoorBell,  
                                double TotalCost,  
                                int Status)
```

API: Update a RequestResponse:

## Parameters:

- idRequest - : key do not change
- Area -
- NoOfDoors -
- Entry\_Exit\_Doors -
- OpenWindows -
- OpenAreas -
- DoorBell -
- LocationOfService -
- Status -
- idCustomer -
- idManager -
- idAdmin -

## Returns:

---

## create

```
public RequestResponse create(int idRequest,  
                                int NoOfAlarm,  
                                int MotionDetector,  
                                int CableBundle,  
                                int DoorBell,  
                                double TotalCost)
```

Create ne request reponse from an requestorder id

## Parameters:

- idRequest -
- NoOfAlarm -
- MotionDetector -
- CableBundle -
- DoorBell -
- TotalCost -
- Status -

## Returns:

---

## getByCustomerId

```
public java.util.List getByCustomerId(int idCustomer)
```

Get ReqResp by status

**Parameters:**

Status -

**Returns:**

---

## getById

```
public java.util.List getById(int idRequest)
```

get ReqResp by request id

**Parameters:**

idRequest -

**Returns:**

---

## getStatus

```
public java.util.List getStatus(int Status)
```

Get ReqResp by status

**Parameters:**

Status -

**Returns:**

---

## getRequestResponseById

```
public RequestResponse getRequestResponseById(int idResponse)
```

API: get a request order by ID

**Parameters:**

idRequest -

**Returns:**

---

## getRequestResponses

```
public java.util.List getRequestResponses()
```

API: get all request order

**Returns:**

---

com.jsMWebService.Service

## Class UserService

```
java.lang.Object
|
+--com.jsMWebService.Service.UserService
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class UserService
extends java.lang.Object
```

## Constructors

### UserService

```
public UserService()
```

## Methods

## create

```
public User create(int idUser,  
                    java.lang.String Password,  
                    java.lang.String Email,  
                    int idUserType,  
                    java.lang.String Gender,  
                    java.lang.String Address,  
                    java.lang.String Fone,  
                    java.lang.String Name)
```

Create user

**Parameters:**

idUserType -  
UserType -

**Returns:**

---

## getById

```
public User getById(int idUser)
```

Get User by ID

**Parameters:**

idUser -

**Returns:**

---

## getUserType

```
public java.util.List getUserType(int idUserType)
```

Get User by user type id use enum in UserType class for convert value to int

**Parameters:**

idUserType -

**Returns:**

---

## getUsers

```
public java.util.List getUsers()
```

---



## login

```
public User login(java.lang.String username,  
                  java.lang.String password,  
                  java.lang.String usertype)
```

---

## update

```
public User update(int idUser,  
                  java.lang.String Password,  
                  java.lang.String Email,  
                  int idUserType,  
                  java.lang.String Gender,  
                  java.lang.String Address,  
                  java.lang.String Fone,  
                  java.lang.String Name)
```

### Parameters:

- idUser -
- Password -
- Email -
- idUserType -
- Gender -
- Address -
- Fone -
- Name -

### Returns:

---

com.jSMWebService.Service

# Class UserTypeService

```
java.lang.Object  
|  
+--com.jSMWebService.Service.UserTypeService
```

---

< [Constructors](#) > < [Methods](#) >

---

```
public class UserTypeService  
extends java.lang.Object
```

## Constructors

# UserTypeService

```
public UserTypeService()
```

## Methods

### getAll

```
public java.util.List getAll()
```

Get all User Type

**Returns:**

---

### getByID

```
public UserType getByID(int idUserType)
```

get user type by id

**Parameters:**

idUserType -

**Returns:**

---

### update

```
public UserType update(int idUserType,  
                        java.lang.String UserType)
```

Update Service

**Parameters:**

idUserType -

UserType -

**Returns:**

# INDEX

## A

[ACCEPTED](#) ... 4  
[ACCEPTED](#) ... 10  
[ACCEPTED](#) ... 14  
[ADMIN](#) ... 20  
[AssignmentDAO](#) ... 22  
[AssignmentDAO](#) ... 23  
[Assignment](#) ... 2  
[Assignment](#) ... 2  
[Assignment](#) ... 3  
[Assignment.STATUS](#) ... 4

## B

[BaseDAO](#) ... 24  
[BaseDAO](#) ... 24

## C

[create](#) ... 28  
[create](#) ... 37  
[create](#) ... 40  
[Create](#) ... 25  
[Create](#) ... 30  
[Create](#) ... 34  
[CUSTOMER](#) ... 20

## E

[EMPLOYEE](#) ... 20

## F

[FINISH](#) ... 4  
[FromInt](#) ... 5  
[FromInt](#) ... 11  
[FromInt](#) ... 15  
[FromInt](#) ... 21  
[FromString](#) ... 21

## G

[getAddress](#) ... 16  
[getAll](#) ... 23  
[getAll](#) ... 28  
[getAll](#) ... 32  
[getAll](#) ... 42  
[getAllRequestOrders](#) ... 25  
[getAllUsers](#) ... 30  
[getArea](#) ... 6  
[getByCustomerId](#) ... 38  
[getById](#) ... 32  
[getById](#) ... 40  
[getById](#) ... 42  
[getByRequestId](#) ... 38  
[getByStatus](#) ... 35  
[getByStatus](#) ... 38  
[getByUserType](#) ... 40  
[getCableBundle](#) ... 12  
[getDate](#) ... 6  
[getDoorBell](#) ... 6  
[getDoorBell](#) ... 12  
[getEmail](#) ... 17  
[getEntry Exit Doors](#) ... 6  
[getFone](#) ... 17  
[getGender](#) ... 17  
[getId](#) ... 17  
[getId](#) ... 19  
[getIdAdmin](#) ... 6  
[getIdAssignment](#) ... 3  
[getIdCustomer](#) ... 7  
[getIdEmployee](#) ... 3  
[getIdManager](#) ... 7  
[getIdRequest](#) ... 7  
[getIdRequest](#) ... 12  
[getIdResponse](#) ... 3  
[getIdResponse](#) ... 12  
[getIdType](#) ... 17  
[getLocationOfService](#) ... 7  
[getMotionDetector](#) ... 12  
[getName](#) ... 17  
[getNoOfAlarmPanel](#) ... 13  
[getNoOfDoors](#) ... 7  
[getOpenAreas](#) ... 7  
[getOpenWindows](#) ... 7  
[getPassword](#) ... 17  
[getRequestOrderByID](#) ... 35  
[getRequestOrders](#) ... 35  
[getRequestOrdersByCustomer](#) ... 35  
[getRequestResponseById](#) ... 38  
[getRequestResponses](#) ... 39  
[getStatus](#) ... 3  
[getStatus](#) ... 7  
[getStatus](#) ... 13  
[getTotalCost](#) ... 13  
[getType](#) ... 19  
[getUsers](#) ... 40  
[getValue](#) ... 5  
[getValue](#) ... 11  
[getValue](#) ... 15  
[getValue](#) ... 21

## I

[INPROGRESS](#) ... 10  
[INPROGRESS](#) ... 14

## L

[login](#) ... 41

## M

[MANAGER](#) ... 21

## P

[PENDING](#) ... 10  
[PENDING](#) ... 15

## R

[REJECTED](#) ... 4  
[REJECTED](#) ... 10  
[REJECTED](#) ... 15  
[RequestOrder](#) ... 5  
[RequestOrder](#) ... 5  
[RequestOrder](#) ... 6  
[RequestOrder.STATUS](#) ... 10  
[RequestOrderDAO](#) ... 24  
[RequestOrderDAO](#) ... 25  
[RequestOrderService](#) ... 33  
[RequestOrderService](#) ... 33  
[RequestResponse](#) ... 11  
[RequestResponse](#) ... 11  
[RequestResponse](#) ... 12  
[RequestResponse.STATUS](#) ... 14  
[RequestResponseDAO](#) ... 27  
[RequestResponseDAO](#) ... 27  
[RequestResponseService](#) ... 36  
[RequestResponseService](#) ... 36  
[REVIEWED](#) ... 10  
[REVIEWED](#) ... 15

## S

[selectByCustomerId](#) ... 28  
[selectById](#) ... 23  
[selectById](#) ... 29  
[selectByIdResponse](#) ... 23  
[selectByRequestId](#) ... 29  
[selectByStatus](#) ... 23  
[selectByStatus](#) ... 29  
[selectRequestOrderByAdminID](#) ... 26  
[selectRequestOrderByCustomerId](#) ... 26  
[selectRequestOrderByID](#) ... 26  
[selectRequestOrderByManagerID](#) ... 26  
[selectRequestOrderByStatus](#) ... 27  
[selectUserById](#) ... 31  
[selectUserForLogin](#) ... 31  
[selectUsersByType](#) ... 31  
[setAddress](#) ... 17  
[setArea](#) ... 8  
[setCableBundle](#) ... 13  
[setDate](#) ... 8  
[setDoorBell](#) ... 8  
[setDoorBell](#) ... 13  
[setEmail](#) ... 18  
[setEntry Exit Doors](#) ... 8  
[setFone](#) ... 18  
[setGender](#) ... 18  
[setId](#) ... 18  
[setId](#) ... 20  
[setIdAdmin](#) ... 8  
[setIdAssignment](#) ... 3  
[setIdCustomer](#) ... 8  
[setIdEmployee](#) ... 3  
[setIdManager](#) ... 8  
[setIdRequest](#) ... 9  
[setIdRequest](#) ... 13  
[setIdResponse](#) ... 4  
[setIdResponse](#) ... 13  
[setIdType](#) ... 18  
[setLocationOfService](#) ... 9  
[setMotionDetector](#) ... 13  
[setName](#) ... 18  
[setNoOfAlarmPanel](#) ... 14  
[setNoOfDoors](#) ... 9  
[setOpenAreas](#) ... 9  
[setOpenWindows](#) ... 9  
[setPassword](#) ... 18  
[setStatus](#) ... 9  
[setStatus](#) ... 14  
[setTotalCost](#) ... 14  
[setType](#) ... 20

## U

[update](#) ... 41  
[update](#) ... 42  
[Update](#) ... 25  
[Update](#) ... 28  
[Update](#) ... 30  
[Update](#) ... 32  
[Update](#) ... 34  
[Update](#) ... 37  
[User](#) ... 16  
[User](#) ... 16  
[User](#) ... 16  
[UserDAO](#) ... 29  
[UserDAO](#) ... 30  
[UserService](#) ... 39  
[UserService](#) ... 39  
[UserType](#) ... 19  
[UserType](#) ... 19  
[UserType](#) ... 19  
[UserType.USERTYPEID](#) ... 20  
[UserTypeDAO](#) ... 31  
[UserTypeDAO](#) ... 32  
[UserTypeService](#) ... 41  
[UserTypeService](#) ... 42

## V

[valueOf](#) ... 5  
[valueOf](#) ... 11  
[valueOf](#) ... 15  
[valueOf](#) ... 21  
[values](#) ... 5  
[values](#) ... 11  
[values](#) ... 15  
[values](#) ... 21

## W

[WORKING](#) ... 4