**Node.js with MongoDB**

**Models**:

import mongoose from 'mongoose';

import AutoIncrement from "mongoose-auto-increment";

AutoIncrement.initialize(mongoose);

/\*\* User schema \*\*/

const UserSchema = mongoose.Schema({

token:{type:String},

salt:{type:String},

temp\_str:{type:String},

userId: {type: Number },

parentUserId:{type:mongoose.Schema.ObjectId},

departmentId:{type:mongoose.Schema.ObjectId},

departmentName:{type: String },

projectTypeId:{type:mongoose.Schema.ObjectId},

projectTypeName:{type: String },

fullname:{type: String },

employeeId:{type:String},

userType: {type:String},

projectCode: {type:String},

email: {type: String , index:{unique:true}},

password: {type: String },

address:{type: String },

city:{type: String },

state:{type: String },

status:{type: String },

pincode:{type:String},

phone:{type:String},

lat:{type:String},

long:{type:String},

imgPath:{type:String},

googleId: { type: String },

facebookId: { type: String },

createAt:{type: Date},

updatedAt:{type: Date}

}, {collection : 'user'});

let UserModel = mongoose.model('user',UserSchema);

/\*\* Update query \*\*/

UserModel.updateUser=(userToEdit)=>{

return UserModel.update(userToEdit.query,userToEdit.set);

}

export default UserModel;

**Service:**

import User from '../models/user.model'

import successMsg from '../core/message/success.msg'

import msg from '../core/message/error.msg.js'

/\*\* User soft delete \*\*/

service.deleteUser = async (req, res) => {

if(!req.body.userId){

res.send({"success":false,"code":"500","msg":msg.userId });

}

try{

let userToDelete = req.body.userId;

let userToEdit={

query:{"\_id":userToDelete},

set:{"$set":{"status":"deleted"}}

};

const removedUser = await User.updateUser(userToEdit);

res.send({"success":true, "code":"200", "msg":successMsg.deleteUser,"data":removedUser});

}

catch(err) {

res.send({"success":false, "code":"500", "msg":msg.deleteUser,"err":err});

}

}

export default service;

**Routes:**

import express from "express";

import userService from "../service/user.service";

import access from '../core/access';

const router = express.Router();

router.post('/deleteUser',access.managerAdmin,userService.deleteUser); /\*\* Soft delete user route \*\*/

export default router;

**Access:**

import msg from './message/error.msg.js';

let access = {};

/\*\* Checking user is admin \*\*/

access.managerAdmin = function(req,res,next){

if(req.user.userType == 'admin' || req.user.userType == 'manager'){

next();

}

else{

res.send({"success":false, "code":"500", "msg":msg.accessDenied});

}

}

/\*\* Checking user is co-ordinator \*\*/

access.coOrdinator = function(req,res,next){

if(req.user.userType == 'co-ordinator'){

next();

}

else{

res.send({"success":false, "code":"500", "msg":msg.accessDenied});

}

}

export default access;

**View:**

<!-- User listing -->

<tr ng-repeat="user in users">

<td>{{ user.fullname }}</td>

<td>{{ user.email }}</td>

<td>{{ user.employeeId }}</td>

<td>{{ user.phone }}</td>

<td>{{ toUcFirst(user.userType) }}</td>

<td>{{ showProjectCode(user.projectCode) }}</td>

<td class="mangerAdminAccess">

<a class="btn btn-info" href="/edit-user?userId={{ user.\_id }}" ng-hide="hide\_edit\_delete(user)">Edit</a> <!-- Edit user -->

<a class="btn btn-danger" ng-click="deleteUser(user.\_id)" ng-hide="hide\_edit\_delete(user)">Delete</a> <!-- Soft delete user -->

<a class="btn btn-warning" data-name={{ user.fullname }} ng-click="changePassword(user.\_id,user.fullname)">Change password</a> <!-- Chnage password -->

</td>

</tr>

**Javascript:**

var app = angular.module("App",[]); /\*\* Define angularjs application \*\*/

app.controller('ctrl', function($scope, $http) { /\*\* Define controller ctrl \*\*/

/\*\* Soft delete user \*\*/

$scope.deleteUser = function(userId){

if(confirm('Do you want to delete?')){

$http({

method:'post',

url:'/deleteUser',

data:{userId:userId},

headers: {

'authorization': localStorage.token

}

}).then(function(response){

alertBox('Deleted successfully','success');

if($scope.users.length > 1){

$scope.userList($scope.currentPage); /\*\* Refresh list \*\*/

}

else{

$('#pagination').twbsPagination('destroy'); /\*\* Destroy pegination \*\*/

$scope.startPage = $scope.currentPage-1; /\*\* Set current page to previous page \*\*/

$scope.setPagination(); /\*\* Reset pagination \*\*/

}

});

}

}

});