



**R. H. Sapat College of Engineering Management
Studies and Research, Nashik-422005**

Department of Computer Engineering

Class: TE Computer (B)

Name of Subject: Web Technology

Teacher: Narwade madam

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Problem Statement:

AngularJS application for any inventory management system.

***** Index*****

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>StudentManagement</title>
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/
css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js
"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min
.js"></script>
  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.mi
n.js"></script>
  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular-
route.js"></script>
  <script type="text/javascript" src="app.js"></script>
  <script type="text/javascript" src="studentcontroller.js"></script>
  <script type="text/javascript" src="studentservice.js"></script>
  <script type="text/javascript" src="studentdirective.js"></script>
</head>
<body ng-app = "studentApp">
  <div class="container">
    <h2 align="center"><b>Student Management System</b></h2>
    <div ng-controller = "StudentController as sc">
      <h2 align="center"><b>Search Students</b></h2>
      <div student-search></div>
      <h3 align="center"><b>Student Details</b></h3>
      <div student-display></div>
    </div>
  </div>
</body>
</html>
```

*****add Student*****

```
<div class="row" align="center">
  <div class="col-sm-3"></div>
  <div class="col-sm-4">
    <div id="add" class="collapse">
      <form class="form-horizontal">
        <div class="form-group">
          <label for="name" class="col-sm-5 control-label">Name</label>
          <div class="col-sm-7">
```

```

        <input type="text" class="form-
control" id="name" placeholder="Name" ng-model = "sc.sname"/>
    </div>
</div>
    <div class="form-group">
        <label for="address" class="col-sm-5 control-label">Address</label>
        <div class="col-sm-7">
            <input type="text" class="form-
control" id="address" placeholder="Address" ng-model = "sc.saddress"/>
        </div>
    </div>
<!--
    <div class="form-group">
        <label for="class" class="col-sm-5 control-label">Class</label>
        <div class="col-sm-7">
            <input type="text" id="class" class="form-
control" placeholder="class">
        </div>
    </div> -->
    <div class="form-group">
        <label for="class" class="col-sm-5 control-label">Class</label>
        <div class="col-sm-7">
            <select class="form-control" id="class" ng-
model = "sc.sclass">
                <option>1</option>
                <option>2</option>
                <option>3</option>
                <option>4</option>
                <option>5</option>
                <option>6</option>
                <option>7</option>
                <option>8</option>
                <option>8</option>
                <option>10</option>
            </select>
        </div>
    </div>
    <div class="form-group">
        <label for="mobile" class="col-sm-5 control-label">Mobile</label>
        <div class="col-sm-7">
            <input type="text" id="mobile" class="form-
control" placeholder="9***-*****" ng-model = "sc.smobile"/>
        </div>
    </div>

```

```

        <button type="Reset" class="btn btn-success" ng-
click = "sc.addStudent()">Add</button>
        <button type="Reset" class="btn btn-danger">Reset</button>
    </form>
</div>
</div>
<div class="col-sm-5"></div>
</div>
*****Student controller*****

```

```

angular
    .module("studentApp")
    .controller("StudentController", StudentController);

StudentController.$inject[
    'StudentService'
];

function StudentController(StudentService){
    var vm = this;
    vm.students = StudentService.getStudents();
    vm.orderBy = orderBy;
    vm.deleteStudent = deleteStudent;
    vm.showStatus = false;
    vm.doShow = doShow;

    vm.addStudent = addStudent;
    vm.editStudent = editStudent;

    vm.editorEnabled = [];
    vm.enableEditor = enableEditor;
    vm.disableEditor = disableEditor;

    function orderBy(myOrder){
        vm.ordering = myOrder;
    }

    function deleteStudent(id){
        StudentService.deleteStudent(id);
    }

    function doShow(){
        vm.showStatus = true;
    }
}

```

```

function addStudent(){
    var maxId = StudentService.maxId();
    vm.student = {
        id: maxId + 1,
        name: vm.sname,
        address: vm.saddress,
        class: vm.sclass,
        mobile: vm.smobile
    };
    StudentService.addStudent(vm.student);
}

function editStudent($index, editId, editName, editAddress, editClass, editMobile){
    vm.student = {
        id: editId,
        name: editName,
        address: editAddress,
        class: editClass,
        mobile: editMobile
    };
    StudentService.editStudent(vm.student);
    vm.disableEditor($index);
}

function enableEditor(index){
    vm.editorEnabled[index] = true;
}

function disableEditor(index){
    vm.editorEnabled[index] = false;
}
}

*****Student Directive*****
var app = angular.module("studentApp");

app.directive("studentSearch", studentSearch);
app.directive("studentDisplay", studentDisplay);
app.directive("addStudent", addStudent);

function studentSearch(){
    return {

```

```

        templateUrl: "studentsearch.htm"
    };
}

function studentDisplay(){
    return {
        templateUrl: "studentdisplay.htm"
    };
}

function addStudent(){
    return {
        templateUrl: "addStudent.htm"
    };
}

*****Student Display*****
<div class="row" align="center">
    <button type="button" class="btn btn-default btn-sm" data-
toggle="collapse" data-target="#add">
        <span class="glyphicon glyphicon-plus"></span>Add-User
    </button>
    <div add-student></div>
<!-- <div id="add" class="collapse">
    <p>This is simple collaspe</p>
</div> -->
</div>
<div align="center" class="row">
    <div class="col-sm-12">
        <table class="table table-stripped table-bordered">
            <thead>
                <th ng-click = "sc.orderBy('id')" ng-dblclick = "sc.orderBy('-
id')"><strong>Id</strong></th>
                <th ng-click = "sc.orderBy('name')" ng-dblclick = "sc.orderBy('-
name')"><strong>Name</strong></th>
                <th ng-click = "sc.orderBy('address')" ng-
dblclick = "sc.orderBy('-address')"><strong>Address</strong></th>
                <th ng-click = "sc.orderBy('class')" ng-dblclick = "sc.orderBy('-
class')"><strong>Class</strong></th>
                <th ng-click = "sc.orderBy('mobile')" ng-
dblclick = "sc.orderBy('-mobile')"><strong>Mobile</strong></th>
                <th><strong>Action</strong></th>
            </thead>

```

```

        <tr ng-
repeat = "s in sc.students | orderBy : sc.ordering | filter : {id : sc.id, name :
sc.name, address : sc.address, class : sc.class, mobile : sc.mobile}">
            <td>{{s.id}}</td>
            <td>
                <div ng-hide = "sc.editorEnabled[$index]">
                    {{s.name}}
                </div>
                <div ng-show = "sc.editorEnabled[$index]">
                    <input type="text" value="{{s.name}}" ng-
model = "s.name"/>
                </div>
            </td>>
            <td>
                <div ng-hide = "sc.editorEnabled[$index]">
                    {{s.address}}
                </div>
                <div ng-show = "sc.editorEnabled[$index]">
                    <input type="text" value="{{s.address}}" ng-
model = "s.address"/>
                </div>
            </td>
            <td>
                <div ng-hide = "sc.editorEnabled[$index]">
                    {{s.class}}
                </div>
                <div ng-show = "sc.editorEnabled[$index]">
                    <select class="form-control" id="class" ng-
model = "s.class" ng-selected = "s.class">
                        <option>1</option>
                        <option>2</option>
                        <option>3</option>
                        <option>4</option>
                        <option>5</option>
                        <option>6</option>
                        <option>7</option>
                        <option>8</option>
                        <option>8</option>
                        <option>10</option>
                    </select>
                </div>
            </td>
            <td>
                <div ng-hide = "sc.editorEnabled[$index]">
                    {{s.mobile}}

```

```

        </div>
        <div ng-show = "sc.editorEnabled[$index]">
            <input type="text" value="{{s.mobile}}" ng-
model = "s.mobile"/>
        </div>
    </td>
    <td>
        <div ng-hide = "sc.editorEnabled[$index]">
            <button class="btn btn-info" ng-
click = "sc.enableEditor($index)">Edit</button>
            <button class="btn btn-danger" ng-
click = "sc.deleteStudent(s.id)">Delete</button>
        </div>
        <div ng-show = "sc.editorEnabled[$index]">
            <button class="btn btn-success" ng-
click = "sc.editStudent($index, s.id, s.name, s.address, s.class, s.mobile) ">Sav
e</button>
            <button class="btn btn-danger" ng-
click = "sc.disableEditor($index)">Cancel</button>
        </div>
    </td>
</div>
</tr>
</table>
</div>
</div>
*****Student Search*****
<div align="center" class="row">
    <form class="form form-inline">
        <div class="form-group">
            <label>Search Basis</label>
            <input type="text" ng-model = "sc.id" class="form-
control" placeholder="id" />
            <input type="text" ng-model = "sc.name" class="form-
control" placeholder="name" />
            <input type="text" ng-model = "sc.address" class="form-
control" placeholder="address"/>
            <input type="text" ng-model = "sc.class" class="form-
control" placeholder="class"/>
            <input type="text" ng-model = "sc.mobile" class="form-
control" placeholder="mobile"/>
            <button class="btn btn-success">Search</button>
        </div>
    </form>
</div>

```


*****Student service*****

angular

```
.module("studentApp")
.factory("StudentService", StudentService)
```

function StudentService(){

```
var oStudent = {};
oStudent.getStudents = getStudents;
oStudent.addStudent = addStudent;
oStudent.editStudent = editStudent;
oStudent.deleteStudent = deleteStudent;
oStudent.maxId = maxId;
```

```
var students = [{
  id: 1,
  name: 'Resma',
  address: 'Samakhusi',
  class: 1,
  mobile: '9840-123456'
},
{
  id: 2,
  name: 'Nabin',
  address: 'Biratnagar',
  class: 8,
  mobile: '9840-343536'
},
{
  id: 3,
  name: 'Asha',
  address: 'Baneshwor',
  class: 6,
  mobile: '9865-124324'
},
{
  id: 4,
  name: 'Ayush',
  address: 'Dhumbarahi',
  class: 7,
  mobile: '9840-129474'
},
{
  id: 5,
  name: 'Arjun',
  address: 'Dang',
```

```

        class: 10,
        mobile: '9841-124385'
    }];

    function getStudents(){
        return students;
    }

    function addStudent(student){
        students.push(student);
    }

    function editStudent(student){
        debugger;
        for(var i = 0; i < students.length; i++){
            if(students[i].id == student.id){
                students[i].name = student.name;
                students[i].address = student.address;
                students[i].class = student.class;
                students[i].mobile = student.mobile;
                break;
            }
        }
    }

    function deleteStudent(sid){
        for(var i = 0; i < students.length; i++){
            if(students[i].id == sid){
                var deleteUser = students[i].name;
                var isconfirm = confirm("Are you sure to delete " + deleteUser);
                if(isconfirm){
                    students.splice(i, 1);
                    alert(deleteUser + " has been deleted successfully");
                }
                break;
            }
        }
    }

    function maxId(){
        // var max = Math.max(...students.id);
        var max = 0;
        for(var i = 0; i < students.length; i++){
            if(students[i].id > max){
                max = students[i].id;
            }
        }
    }

```

```
        }  
    }  
    return max;  
}  
  
return oStudent;  
}
```