Hướng dẫn sử dụng AJAX

# B1. Creating Student Model class

public class Student

{

[Key]

public int StudentId { get; set; }

[Required]

public string StudentName { get; set; }

[Required]

public string StudentAddress { get; set; }

}

# B2. Thêm ConnectionString trong file web.config và tạo DbContext (tự thiết lập)

# B3. Migrations database

# B4. Tạo 1 empty controller có tên là **Students.cs** và bổ sung 2 Action method như dưới đây:

|  |
| --- |
| **//Add new a student**  [HttpPost]  public ActionResult CreateStudent(Student std)  {  db.Students.Add(std);  db.SaveChanges();  string message = "SUCCESS";  return Json(new { Message = message, JsonRequestBehavior.AllowGet });  } |
| **//Get students**  public JsonResult GetStudent(string id)  {  List<Student> students = new List<Student>();  students = db.Students.ToList();  return Json(students, JsonRequestBehavior.AllowGet);  } |

# B5. **Index.cshtml – Chỉnh sửa lại mã nguồn trong index.cshtml như sau:**

|  |
| --- |
| @{  ViewBag.Title = "Index";  }  <h2>Index</h2>  <table class="table table-bordered">  <tr>  <td>Student Name</td>  <td>  <input type="text" name="sName" id="sName" class="form-control" required="" />  </td>  </tr>  <tr>  <td>Student Address</td>  <td>  <input type="text" name="Address" id="Address" class="form-control" required="" />  </td>  </tr>  <tr>  <td colspan="2">  <div style="text-align:center; display:inline-block;">  <input class="btn btn-primary" name="btnSave" id="btnSave" value="Save" type="button">  </div>  </td>  </tr>  </table>  <hr />  <table id="tblStudent" class="table table-bordered table-hover">  <thead>  <tr>  <th align="left">ID</th>  <th align="left">Student Name</th>  <th align="left">Student Address</th>  </tr>  </thead>  <tbody></tbody>  </table>  @section Scripts  {  <script type="text/javascript">  $(function () {  LoadData();  $("#btnSave").click(function () {  //alert("");  var std = {};  std.StudentName = $("#sName").val();  std.StudentAddress = $("#Address").val();  $.ajax({  type: "POST",  url: '@Url.Action("CreateStudent")',  data: '{std: ' + JSON.stringify(std) + '}',  dataType: "json",  contentType: "application/json; charset=utf-8",  success: function () {  // alert("Data has been added successfully.");  LoadData();  },  error: function () {  alert("Error while inserting data");  }  });  return false;  });  });  function LoadData() {  $("#tblStudent tbody tr").remove();  $.ajax({  type: 'POST',  url: '@Url.Action("GetStudent")',  dataType: 'json',  data: { id: '' },  success: function (data) {  var items = '';  $.each(data, function (i, item) {  var rows = "<tr>"  + "<td>" + item.StudentId + "</td>"  + "<td>" + item.StudentName + "</td>"  + "<td>" + item.StudentAddress + "</td>"  + "</tr>";  $('#tblStudent tbody').append(rows);  });  },  error: function (ex) {  var r = jQuery.parseJSON(response.responseText);  alert("Message: " + r.Message);  alert("StackTrace: " + r.StackTrace);  alert("ExceptionType: " + r.ExceptionType);  }  });  return false;  }  </script>  } |