JSON Autocomplete script

Please find the code snippets I'm using on the view page.

<p>

    Enter country name @Html.TextBox("Country")

    <input type="submit" id="GetCustomers" value="Submit"/>

</p>

<span id="rData"></span>

@\*Don't repeat if 'jquery-1.8.2.min.js' library already referenced in \_Layout.cshtml\*@

<script src="~/Scripts/jquery-1.8.2.min.js"></script>

<script src="~/Scripts/jquery-ui-1.9.2.min.js"></script>

@Styles.Render("~/Content/themes/base/css")

<script type="text/javascript">

    $(document).ready(function () {

        $("#Country").autocomplete({

            source: function(request,response) {

                $.ajax({

                    url: "/Home/AutoCompleteCountry",

                    type: "POST",

                    dataType: "json",

                    data: { term: request.term },

                    success: function (data) {

                        response($.map(data, function (item) {

                            return { label: item.Country, value: item.Country };

                        }))

                    }

                })

            },

            messages: {

                noResults: "", results: ""

            }

        });

    })

</script>

In the code above, I have created a TextBox using Razor syntax, also placed the references of required libraries to run the jQuery Autocomplete. I have attached the autocomplete functionality with "Country" ID and then made an Ajax call to Home controller's AutoCompleteCountry method with the parameter term: "request.term", this method will return JSON data. The JSON data returned by the AutoCompleteCountry method will be used to create the autocomplete unordered list and displayed to the user.

Now, here is the code of AutoCompleteCountry method that will accept a parameter and return the matching JSON data:

public JsonResult AutoCompleteCountry(string term)

{

    var result = (from r in db.Customers

                    where r.Country.ToLower().Contains(term.ToLower())

                    select new { r.Country }).Distinct();

    return Json(result, JsonRequestBehavior.AllowGet);

}