LEMBAR JAWAB EVALUASI PRAKTIKUM

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1. STARTUP.CS FOR SIGNALR

```csharp
1   using Microsoft.Owin;
2   using Owin;
3   using System;
4   using System.Threading.Tasks;
5
6
7   [assembly: OwinStartup(typeof(Praktikum3.Startup1))]
8
9   namespace Praktikum3
10  {
        1 reference
11      public class Startup1
12      {
            0 references
13          public void Configuration(IAppBuilder app)
14          {
15              // For more information on how to configure your application, visit https://go.microsoft.com/fwlink/?LinkID=316888
16              app.MapSignalR();
17          }
18      }
19  }
20
```

2. index.html

```html
1    <!DOCTYPE html>
2    <html xmlns="http://www.w3.org/1999/xhtml">
3    <head>
4        <meta charset="utf-8" />
5        <title>ChatRoom</title>
6        <script src="/Scripts/jquery-3.4.1.min.js"></script>
7        <script src="/Scripts/jquery.signalr-2.2.2.min.js"></script>
8        <script src="/signalr/hubs"></script>
9        <script type="text/javascript">
10           $(document).ready(function () {
11               $('#UserChat').val(prompt('Enter your name:', ''));
12
13               var hub = $.connection.helloWorld;
14
15               hub.client.connected = function () {
16                   alert('User baru bergabung..');
17               };
18
19               hub.client.show = function (user, pesan) {
20                   $('#addText').append('<strong>' + user + ' :</strong> ' + pesan + '<br />');
21               };
22
23               $.connection.hub.start().done(function () {
24                   // Fungsi untuk mengirim pesan
25                   $('#SubmitButton').click(function () {
26                       hub.server.send($('#UserChat').val(), $('#PesanChat').val());
27                       $('#PesanChat').val('').focus();
28                   });
29
30                   // Fungsi untuk upload file
31                   $('#UploadButton').click(function () {
32                       $('#fileUpload').trigger('click'); // Trigger file input ketika button upload di klik
33                   });
34
35                   // Ketika file di-upload
36                   $('#fileUpload').change(function () {
37                       var formData = new FormData();
38                       var fileInput = document.getElementById('fileUpload');
39                       var file = fileInput.files[0];
40
41                       if (file) {
42                           formData.append('file', file);
43
44                           // Kirim file ke server melalui AJAX
45                           $.ajax({
46                               url: '/Upload/UploadFile', // Endpoint untuk upload file di controller
```

```html
45                           $.ajax({
46                               url: '/Upload/UploadFile', // Endpoint untuk upload file di controller
47                               type: 'POST',
48                               data: formData,
49                               contentType: false,
50                               processData: false,
51                               success: function (response) {
52                                   $('#addText').append('<strong>' + $('#UserChat').val() + ':</strong> File uploaded successfully!<br />');
53                               },
54                               error: function () {
55                                   $('#addText').append('<strong>' + $('#UserChat').val() + ':</strong> Failed to upload file.<br />');
56                               }
57                           });
58                       }
59                   });
60               });
61           });
62       </script>
63   </head>
64   <body>
65       <div id="ChatUser"></div>
66       <input type="text" id="PesanChat" placeholder="Type your message" />
67       <input type="button" id="SubmitButton" value="Send" />
68       <div id="addText"></div>
69       <input type="hidden" id="UserChat" />
70
71       <br />
72
73       <!-- Button untuk upload file -->
74       <input type="button" id="UploadButton" value="Upload File" />
75
76       <!-- Form untuk upload file yang disembunyikan -->
77       <input type="file" id="fileUpload" style="display:none;" />
78
79   </body>
80   </html>
81
```

3. HelloWorld.cs

```csharp
using Microsoft.AspNet.SignalR;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Threading.Tasks;

namespace Praktikum3
{
    public class HelloWorld : Hub
    {
        public void Hello()
        {
            Clients.All.hello();
        }

        public void Send(string user, string pesan)
        {
            Clients.All.show(user, pesan);
        }

        public void SendFile(string user, string fileName, string fileUrl)
        {
            Clients.All.showFile(user, fileName, fileUrl);
        }

        public override Task OnConnected()
        {
            return Clients.All.OnConnected();
        }
    }
}
```
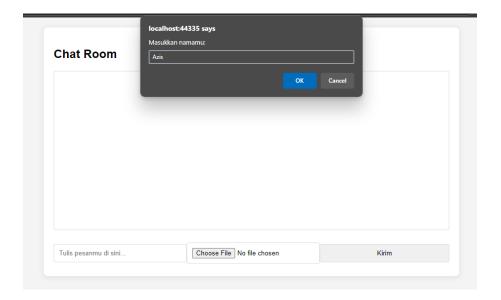
4. Controller Upload

```csharp
using System;
using System.IO;
using System.Web;
using System.Web.Mvc;

namespace Praktikum3.Controllers
{
    public class UploadController : Controller
    {
        [HttpPost]
        public ActionResult UploadFile(HttpPostedFileBase file)
        {
            if (file != null && file.ContentLength > 0)
            {
                // Tentukan folder penyimpanan
                var fileName = Path.GetFileName(file.FileName);
                var path = Path.Combine(Server.MapPath("~/Uploads"), fileName);

                // Simpan file di folder 'Uploads'
                file.SaveAs(path);

                // Kembalikan respon sukses
                return Json(new { success = true });
            }

            // Jika tidak ada file yang diupload, kembalikan respon gagal
            return Json(new { success = false });
        }
    }
}
```

5. Routeconfig.cs

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.Routing;

namespace Praktikum3
{
    1 reference
    public class RouteConfig
    {
        1 reference
        public static void RegisterRoutes(RouteCollection routes)
        {
            routes.IgnoreRoute("{resource}.axd/{*pathInfo}");

            routes.MapRoute(
                name: "Default",
                url: "{controller}/{action}/{id}",
                defaults: new { controller = "Home", action = "Index", id = UrlParameter.Optional }
            );

            routes.MapRoute(
                name: "Upload",
                url: "{controller}/{action}/{id}",
                defaults: new { controller = "Upload", action = "UploadFile", id = UrlParameter.Optional }
            );
        }
    }
}
```
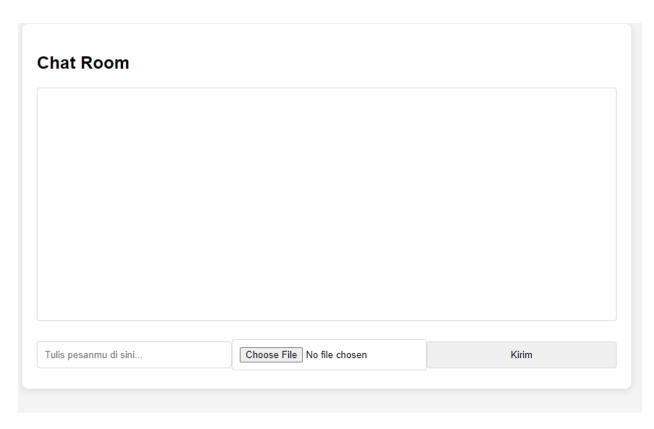
6. Output :

Inputan nama untuk chat, user dapat memasukan Nama kemudian klik OK.

Masukan Pesan pada inputan dan pilih Choose File untuk menmbahkan gambar kemudian klik Kirim

Maka akan muncul output seperti dibawah