

Home Page

Login/Register Page

```
function doLogin() {
    if ($('#username').val() == '') {
        alert('Please enter username.');
```

```
        $('#username').focus();
        return;
    }

    if ($('#password').val() == '') {
```

```
    alert('Please enter password.');
```

```
    $('#password').focus();
```

```
    return;
```

```
}
```

```
$.ajax({
```

```
    url: "/api/token",
```

```
    type: "POST",
```

```
    data: $.param({ grant_type: 'password', username: $("#username").val(), password: $("#password").val() }),
```

```
    headers: { 'Content-Type': 'application/x-www-form-urlencoded' },
```

```
    beforeSend: function () {
```

```
        $('#loading').show();
```

```
    },
```

```
    complete: function () {
```

```
        $('#loading').hide();
```

```
    },
```

```
    success: function (res) {
```

```
        console.log(res);
```

```
        localStorage.setItem('token', JSON.stringify(res));
```

```
        if (res.role == 'Admin') {
```

```
            window.location = '/admin';
```

```
        } else if (res.role == 'Doctor') {
```

```
            window.location = '/doctor';
```

```
        } else {
```

```
            window.location = '/user';
```

```
        }
```

```
    },
```

```
    error: function () {
```

```
        console.log('Error occurred.');
```

```
        alert('Invalid Username/ Password');
```

```
    }  
  });  
}
```

```
function doRegister() {  
  if (!/^[a-zA-Z ]+$/.test($('#name').val())) {  
    alert('Only letters and spaces are allowed in name.');    $('#name').focus();  
    return;  
  }  
  var reg = /^[A-Za-z0-9_-\.\.]+\@@([A-Za-z0-9_-\.\.]+\.[A-Za-z]{2,4})$/;
```

```
  if (!reg.test($('#email').val())) {  
    alert('Please enter a valid email.');    $('#email').focus();  
    return;  
  }
```

```
  if (!/[0-9]+/.test($('#mobile').val())) {  
    alert('Only digits allowed in mobile no.');    $('#mobile').focus();  
    return;  
  }
```

```
  if ($('#mobile').val().length > 10 || $('#mobile').val().length < 10) {  
    alert('Exactly 10 digits allowed in Mobile Number.');    $('#mobile').focus();  
    return;  
  }
```

```
  if ($('#passwordRegister').val() === '') {
```

```
    alert('Password is required');  
    $('#passwordRegister').focus();  
    return;  
}
```

```
if ($('#passwordRegister').val() != $('#confirmPassword').val()) {  
    alert('Passwords do not match.');
```

```
    return;  
}  
  
$.ajax({  
    url: '/Login/GetCaptchaString',  
    method: 'GET',  
    beforeSend: function () {  
        $('#loading').show();  
    },  
    complete: function () {  
        $('#loading').hide();  
    },  
    success: function (res) {  
        if (res !== $('#CaptchaText').val()) {  
            alert('Captcha not matched. Please try again...');            $('#CaptchaImage').removeAttr('src').attr('src', '/Login/ShowCaptchaImage?' + new  
Date().getTime());  
            return;  
        }  
    }  
});
```

```
var userObj = {};  
userObj.name = $('#name').val();  
userObj.email = $('#email').val();  
userObj.mobile = $('#mobile').val();
```

```
userObj.password = $('#passwordRegister').val();
```

```
userObj.isActive = true;
```

```
userObj.role = "User";
```

```
$.ajax({
```

```
    url: '/api/User/Post',
```

```
    data: JSON.stringify(userObj),
```

```
    method: 'POST',
```

```
    dataType: 'json',
```

```
    contentType: "application/json; charset=utf-8",
```

```
    beforeSend: function () {
```

```
        $('#loading').show();
```

```
    },
```

```
    complete: function () {
```

```
        $('#loading').hide();
```

```
    },
```

```
    success: function (res) {
```

```
        if (res.added) {
```

```
            alert('Registration done successfully. Please login now to access your account.');
```

```
        } else {
```

```
            alert(res.message);
```

```
        }
```

```
    },
```

```
    error: function (err) {
```

```
        console.log('Error: ', err);
```

```
        alert(err);
```

```
    }
```

```
});
```

```
},
```

```
error: function (err) {
```

```
    console.log('Error: ', err);
```

```

        alert(err.statusText);
    }
});

}

```

Login/Register Page Frontend code

[HttpPost]

```

public IActionResult Post(User user)
{
    user.ID = Guid.NewGuid();
    user.Password = HashPassword(user.Password);
    user.AddedOn = DateTime.Now;
    return Ok(_bal.RegisterUser(user));
}

```

UserBAL _bal = new UserBAL();

[NonAction]

```

public string HashPassword(string password)
{
    // Use input string to calculate MD5 hash
    using (System.Security.Cryptography.MD5 md5 =
System.Security.Cryptography.MD5.Create())
    {
        byte[] inputBytes = System.Text.Encoding.ASCII.GetBytes(password);
        byte[] hashBytes = md5.ComputeHash(inputBytes);

        // Convert the byte array to hexadecimal string
        StringBuilder sb = new StringBuilder();
        for (int i = 0; i < hashBytes.Length; i++)
        {
            sb.Append(hashBytes[i].ToString("X2"));
        }
    }
}

```

```

    }

    return sb.ToString();

}

}

```

Register Backend coding

Doctor Registration Page

```

function doRegister() {

    if (!/^([a-zA-Z ]+$/.test($('#name').val())) {

        alert('Only letters and spaces are allowed in name.');
```

```

        $('#name').focus();

        return;
    }

    var reg = /^[A-Za-z0-9_\-\.]+\@([A-Za-z0-9_\-\.]+\.[A-Za-z]{2,4})$/;
```

```

    if (!reg.test($('#email').val())) {

        alert('Please enter a valid email.');
```

```

        $('#email').focus();

        return;
    }

```

```
if (!/[0-9]+/.test($('#mobile').val())) {  
    alert('Only digits allowed in mobile no.');
```

```
    $('#mobile').focus();  
    return;  
}
```

```
if ($('#mobile').val().length > 10 || $('#mobile').val().length < 10) {  
    alert('Exactly 10 digits allowed in Mobile Number.');
```

```
    $('#mobile').focus();  
    return;  
}
```

```
if ($('#address').val() === '') {  
    alert('Address is required.');
```

```
    $('#address').focus();  
    return;  
}
```

```
if ($('#password').val() === '') {  
    alert('Password is required');
```

```
    $('#password').focus();  
    return;  
}
```

```
if ($('#passwordRegister').val() != $('#confirmPassword').val()) {  
    alert('Passwords do not match.');
```

```
    return;  
}
```



```
$.ajax({
    url: '/Login/GetCaptchaString',
    method: 'GET',
    beforeSend: function () {
        $('#loading').show();
    },
    complete: function () {
        $('#loading').hide();
    },
    success: function (res) {
        if (res !== $('#CaptchaText').val()) {
            alert('Captcha not matched. Please try again...');
            $('#CaptchaImage').removeAttr('src').attr('src', '/Login/ShowCaptchaImage?' + new
Date().getTime());
            return;
        }
    }
});
```

```
var userObj = {};
userObj.name = $('#name').val();
userObj.email = $('#email').val();
userObj.mobile = $('#mobile').val();
userObj.address = $('#address').val();
userObj.password = $('#passwordRegister').val();
userObj.isActive = false;
userObj.role = "Doctor";
```

```
$.ajax({
    url: '/api/User/Post',
    data: JSON.stringify(userObj),
    method: 'POST',
    dataType: 'json',
```

```

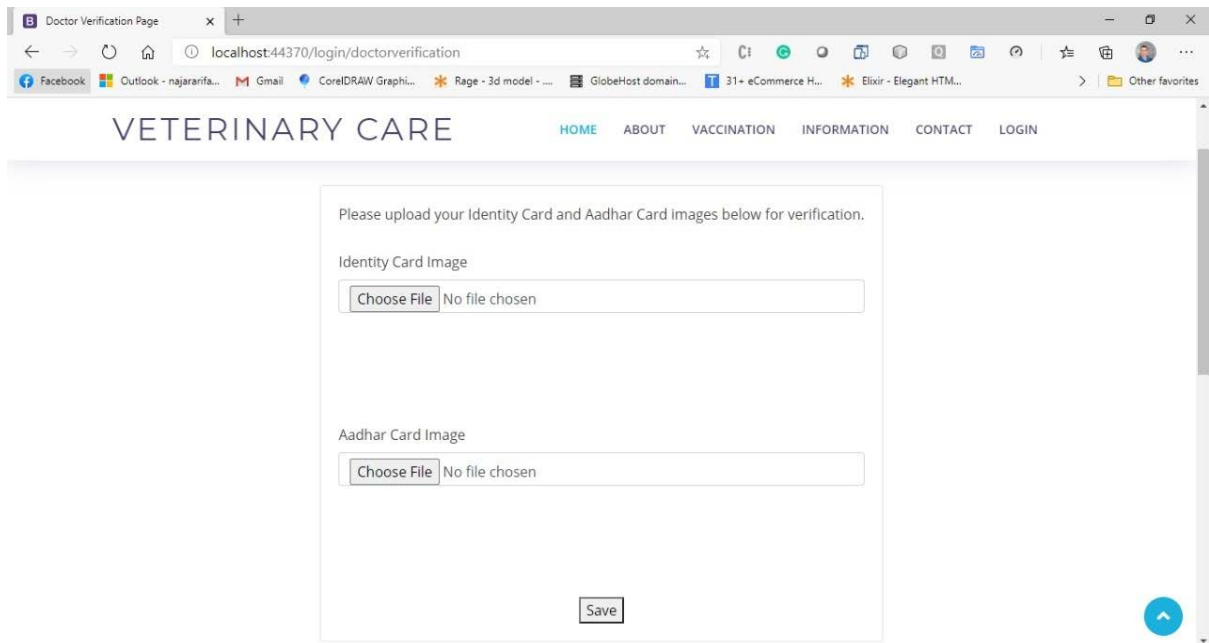
contentType: "application/json; charset=utf-8",
beforeSend: function () {
    $('#loading').show();
},
complete: function () {
    $('#loading').hide();
},
success: function (res) {
    if (res.added) {
        alert('Registration done successfully. Please login now to access your account.');
```

```

    } else {
        alert(res.message);
    }
},
error: function (err) {
    console.log('Error: ', err);
    alert(err.statusText);
}
});
},
error: function (err) {
    console.log('Error: ', err);
    alert(err.statusText);
}
});
}

```

Doctor Registration frontend code



Doctor Verification Page

```

var username = JSON.parse(localStorage.getItem('token')).username;

var identityCardImagePath = "";
var aadharCardImagePath = "";
var _URL = window.URL || window.webkitURL;
$("#fupImageIdentityCard").on('change', function () {

var file, img;
if ((file = this.files[0])) {
    img = new Image();
    img.onload = function () {
        sendFileIdentityCard(file);
    };
    img.onerror = function () {
        alert("Not a valid file:" + file.type);
    };
    img.src = _URL.createObjectURL(file);
}
});

```

```
function sendFileIdentityCard(file) {
    if (!$('#fupImageIdentityCard').val().endsWith('.jpg') &&
        !$('#fupImageIdentityCard').val().endsWith('.JPG') &&
        !$('#fupImageIdentityCard').val().endsWith('.jpeg') &&
        !$('#fupImageIdentityCard').val().endsWith('.JPEG') &&
        !$('#fupImageIdentityCard').val().endsWith('.png') &&
        !$('#fupImageIdentityCard').val().endsWith('.PNG')) {
        alert('Only jpg, JPG, jpeg, JPEG, png and PNG file types allowed.');
```

```
        $('#fupImageIdentityCard').focus();
        return;
    }
}
```

```
var formData = new FormData();

formData.append('file', $('#fupImageIdentityCard')[0].files[0]);

identityCardImagePath = '/DoctorDocuments/' + username + '/IdentityCard/' +
$('#fupImageIdentityCard')[0].files[0].name;

formData.append('username', username);

$.ajax({
    type: 'post',
    url: '/api/User/UploadIdentityCardImage',
    data: formData,
    xhr: function () { // Custom XMLHttpRequest
        var myXhr = $.ajaxSettings.xhr();

        if (myXhr.upload) { // Check if upload property exists
            //update progressbar percent complete
            $('#statustxtIdentityCard').html('0%');

            // For handling the progress of the upload
            myXhr.upload.addEventListener('progress', progressHandlingFunctionIdentityCard, false);
        }
    }

    return myXhr;
}
```

```

    },
    success: function (status) {
        if (status != 'error') {
            $('#statustxtIdentityCard').html("");
            $('#progressPercentIdentityCard').css('width', '0%');
            $('#photoIdentityCard').attr('src', identityCardImagePath);
        }
    },
    processData: false,
    contentType: false,
    error: function (xhr) {
        alert("Some error occurred... " + xhr.statusText);
    }
});
}

```

```

function progressHandlingFunctionIdentityCard(e) {
    if (e.lengthComputable) {
        var percentage = Math.floor((e.loaded / e.total) * 100);
        //update progressbar percent complete
        $('#statustxtIdentityCard').html(percentage + '%');
        $('#progressPercentIdentityCard').css('width', percentage + '%');
        console.log("Value = " + e.loaded + " :: Max = " + e.total);
    }
}

```

```

$("#fupImageAadharCard").on('change', function () {

```

```

    var file, img;
    if ((file = this.files[0])) {

```

```

img = new Image();
img.onload = function () {
    sendFileAadharCard(file);
};
img.onerror = function () {
    alert("Not a valid file:" + file.type);
};
img.src = _URL.createObjectURL(file);
}
});

```

```

function sendFileAadharCard(file) {
    if (!$('#fupImageAadharCard').val().endsWith('.jpg') &&
        !$('#fupImageAadharCard').val().endsWith('.JPG') &&
        !$('#fupImageAadharCard').val().endsWith('.jpeg') &&
        !$('#fupImageAadharCard').val().endsWith('.JPEG') &&
        !$('#fupImageAadharCard').val().endsWith('.png') &&
        !$('#fupImageAadharCard').val().endsWith('.PNG')) {
        alert('Only jpg, JPG, jpeg, JPEG, png and PNG file types allowed.');
```

```

        $('#fupImageAadharCard').focus();
        return;
    }
}

```

```

var formData = new FormData();
formData.append('file', $('#fupImageAadharCard')[0].files[0]);
aadharCardImagePath = '/DoctorDocuments/' + username + '/AadharCard/' +
$('#fupImageIdentityCard')[0].files[0].name;
formData.append('username', username);
$.ajax({
    type: 'post',
    url: '/api/User/UploadAadharCardImage',

```

```

data: formData,
xhr: function () { // Custom XMLHttpRequest
    var myXhr = $.ajaxSettings.xhr();
    if (myXhr.upload) { // Check if upload property exists
        //update progressbar percent complete
        $('#statustxtAadharCard').html('0%');
        // For handling the progress of the upload
        myXhr.upload.addEventListener('progress', progressHandlingFunctionAadharCard, false);
    }
    return myXhr;
},
success: function (status) {
    if (status != 'error') {
        $('#statustxtAadharCard').html("");
        $('#progressPercentAadharCard').css('width', '0%');
        $('#photoAadharCard').attr('src', aadharCardImagePath);
    }
},
processData: false,
contentType: false,
error: function (xhr) {
    alert("Some error occurred... " + xhr.statusText);
}
});
}

```

```

function progressHandlingFunctionAadharCard(e) {
    if (e.lengthComputable) {
        var percentage = Math.floor((e.loaded / e.total) * 100);
        //update progressbar percent complete
    }
}

```

```

        $('#statustxtAadharCard').html(percentage + '%');
        $('#progressPercentAadharCard').css('width', percentage + '%');
        console.log("Value = " + e.loaded + " :: Max =" + e.total);
    }
}

```

```

function saveDocuments() {
    if ($('#fupImageIdentityCard').val() == '') {
        alert('Please upload Identity Card image first.');
```

```

        $('#fupImageIdentityCard').focus();
        return;
    }

```

```

    if ($('#fupImageAadharCard').val() == '') {
        alert('Please upload Aadhar Card image first.');
```

```

        $('#fupImageAadharCard').focus();
        return;
    }

```

```

var obj = {};

```

```

    obj.identityCardImagePath = '/DoctorDocuments/' + username + '/IdentityCard/' +
    $('#fupImageIdentityCard')[0].files[0].name;

```

```

    obj.aadharCardImagePath = '/DoctorDocuments/' + username + '/AadharCard/' +
    $('#fupImageAadharCard')[0].files[0].name;

```

```

    obj.mobile = username;

```

```

$.ajax({
    type: "POST",

```



```

url: "/api/User/SaveDoctorVerificationImages",
data: JSON.stringify(obj),
contentType: "application/json; charset=utf-8",
dataType: "json",
beforeSend: function () {
    $("#imageLoading").show();
},
complete: function () {
    $("#imageLoading").hide();
},
success: function (r) {
    alert(r.message);

},
error: function (x) {
    swal('Oops!', x.statusText, 'error');
}
});
}

```

Doctor Verification frontend code

```

[HttpPost]
[Route("api/User/UploadIdentityCardImage")]
public IActionResult UploadIdentityCardImage()
{
    try
    {
        var httpRequest = HttpContext.Current.Request;
        if (httpRequest.Files.Count > 0)
        {
            foreach (string file in httpRequest.Files)
            {

```

```

        var postedFile = httpRequest.Files[file];

        var username = httpRequest.Form["username"];

        var directory = new
DirectoryInfo(HttpContext.Current.Server.MapPath("~/DoctorDocuments/" + username +
"/IdentityCard/"));

        if (!directory.Exists)

            directory.Create();

        var filePath = HttpContext.Current.Server.MapPath("~/DoctorDocuments/" + username
+ "/IdentityCard/" + postedFile.FileName);

        postedFile.SaveAs(filePath);

    }

}

return Ok(true);

}

catch (Exception ex)

{

    return Ok(false);

}

}

```

```

[HttpPost]

[Route("api/User/UploadAadharCardImage")]

public IHttpActionResult UploadAadharCardImage()

{

    try

    {

        var httpRequest = HttpContext.Current.Request;

        if (httpRequest.Files.Count > 0)

        {

            foreach (string file in httpRequest.Files)

            {

                var postedFile = httpRequest.Files[file];

```

```

        var username = httpRequest.Form["username"];

        var directory = new
DirectoryInfo(HttpContext.Current.Server.MapPath("~/DoctorDocuments/" + username +
"/AadharCard/"));

        if (!directory.Exists)

            directory.Create();

        var filePath = HttpContext.Current.Server.MapPath("~/DoctorDocuments/" + username
+ "/AadharCard/" + postedFile.FileName);

        postedFile.SaveAs(filePath);

    }

}

return Ok(true);

}

catch (Exception ex)

{

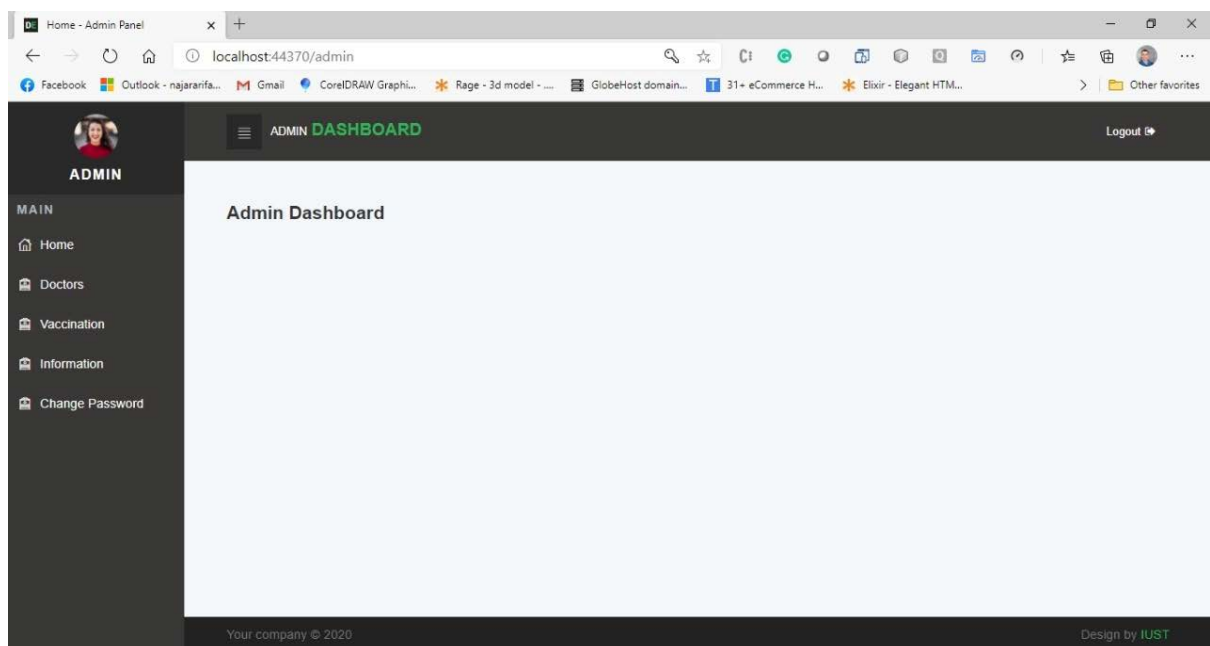
    return Ok(false);

}

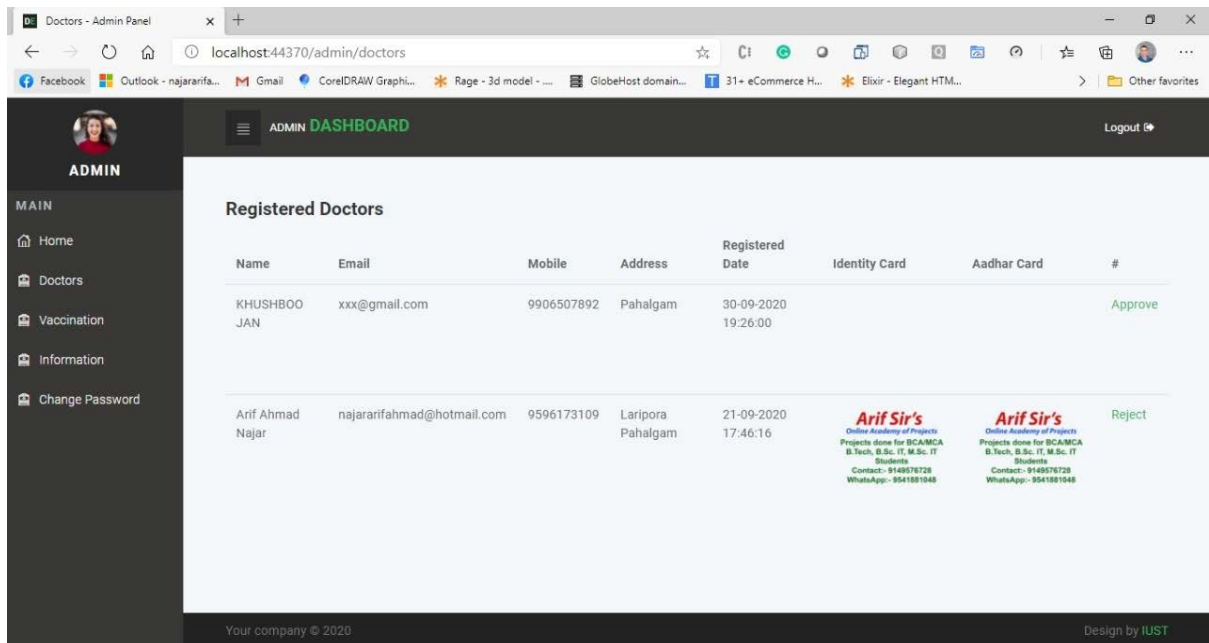
}

```

Doctor Verification backend code



Admin Dashboard



Registered Doctors as seen by Admin

```
function approveDoctor(mobile) {

$.ajax({
    url: '/api/User/ApproveDoctor?mobile=' + mobile,
    method: 'POST',
    beforeSend: function () {
        $('#loading').show();
    },
    complete: function () {
        $('#loading').hide();
    },
    success: function (res) {
        if (res.added) {
            alert(res.message);
            location.reload();
        } else {
            alert(res.message);
        }
    },
}
```

```
error: function (err) {  
    console.log('Error: ', err);  
    alert(err);  
}  
});  
}
```

```
function rejectDoctor(mobile) {  
    $.ajax({  
        url: '/api/User/RejectDoctor?mobile=' + mobile,  
        method: 'POST',  
        beforeSend: function () {  
            $('#loading').show();  
        },  
        complete: function () {  
            $('#loading').hide();  
        },  
        success: function (res) {  
            if (res.added) {  
                alert(res.message);  
                location.reload();  
            } else {  
                alert(res.message);  
            }  
        },  
        error: function (err) {  
            console.log('Error: ', err);  
            alert(err);  
        }  
    });  
}
```

```
function showDocument(imagePath, documentTitle) {
    $('#documentTitle').text(documentTitle);
    $('#documentImage').attr('src', imagePath);
    $('#documentModal').modal('show');
}
```

Approve, Reject doctor and see doctor verification documents coding frontend

[HttpPost]

```
[Route("api/User/ApproveDoctor")]
public IHttpActionResult ApproveDoctor(string mobile)
{
    return Ok(_bal.ApproveDoctor(mobile));
}
```

[HttpPost]

```
[Route("api/User/RejectDoctor")]
public IHttpActionResult RejectDoctor(string mobile)
{
    return Ok(_bal.RejectDoctor(mobile));
}
```

Approve, reject doctor backend code