**Practical - 4**

* **AIM** : Login System using Session and Cookie
* **CODE :**

**app.js**

const express = require('express');

const bodyParse=require('body-parser');

const cookieParser=require('cookie-parser');

const session =require('express-session');

var app = express();

app.set('port',5555);

//app.use(bodyParser.urlencoded({

//    extended:true

//}))

//app.use(express.static(\_\_dirname + '/login\_cookie'));

app.use(express.urlencoded({

    extended:true

}))

app.use(cookieParser())

app.use(session({

    key:"user\_id",

    secret:"RandomSecretKey",

    resave:false,

    saveUninitialized:false,

    cookie:{

        expires:600000,

    }

}))

var sessionChecker=(req,res,next)=>{

    if(req.session.user && req.cookie.user\_id){

        app.post('/',sessionChecker,(req,res)=>{

           // var username = req.body.username;

           // var hd = 'Hello : ' + username;

           // res.send(hd);

            //console.log(hd);

            //Document.getElementsByClassName('form');

            res.redirect("/dashboard")

        })

    }

    else{

        next()

    }

}

app.get('/',sessionChecker,(req,res)=>{

    res.redirect("/login")

})

app.route("/login")

.get(sessionChecker,(req,res)=>{

    res.sendFile(\_\_dirname+"/login.html")

})

app.get('/',sessionChecker,(req,res)=>{

    res.redirect("/dashboard")

})

app.route("/dashboard")

.get(sessionChecker,(req,res)=>{

    res.sendFile(\_\_dirname+"/dashboard")

})

app.listen(app.get('port'),()=>

    console.log(`Login running on port no: ${app.get('port')}`)

)

**dashboard.html**

<doctype html>

<html>

    <head>

        <link rel="stylesheet"  href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

    </head>

    <body class="container">

        <div class="page-header">

            <h1>Basic Login System</h1>

        </div>

        <nav class="navbar-navbar-default">

            <div class="container-fluid">

                <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

                    <ul class="nav navbar-nav">

                        <li><a href="/">Home</a></li>

                        <li><a href="F:\College\3rd\_Year\SEM\_5\CE377\_Elective-AWT\Assignments\ECMASCRIPT\_Demo\login\_cookie\signup.html">Signup</a></li>

                        <li><a href="F:\College\3rd\_Year\SEM\_5\CE377\_Elective-AWT\Assignments\ECMASCRIPT\_Demo\login\_cookie\dashboard.html">Dashboard</a></li>

                    </ul>

                    <ul class="nav navbar-nav navbar-right">

                        <li><a href="F:\College\3rd\_Year\SEM\_5\CE377\_Elective-AWT\Assignments\ECMASCRIPT\_Demo\login cookie\login.html">Log In</a></li>

                        <li><a href="/logout">Log Out</a></li>

                    </ul>

                </div>

            </div>

        </nav>

        <div class="container-row">

            <h1>Hi, Welcome to your Dashboard </h1>

            <h2>Hello  Mr. Manan Hathi ! </h2>

        </div>

    </body>

</html>

</doctype>

**signup.html**

<!DOCTYPE html>

<html>

    <head>

        <title>Signup Here </title>

        <link rel="stylesheet"  href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

    </head>

    <body class="container">

        <div class="page-header">

            <h1>Basic Login System</h1>

        </div>

        <nav class="navbar-navbar-default">

            <div class="container-fluid">

                <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

                    <ul class="nav navbar-nav">

                        <li><a href="/">Home</a></li>

                        <li><a href="/signup">Signup</a></li>

                        <li><a href="/dashboard">Dashboard</a></li>

                    </ul>

                    <ul class="nav navbar-nav navbar-right">

                        <li><a href="/login">Log In</a></li>

                        <li><a href="/logout">Log Out</a></li>

                    </ul>

                </div>

            </div>

        </nav>

    </body>

</html>

**login.html**

<html>

    <head>

        <title>Login Here </title>

        <link rel="stylesheet"  href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

    </head>

    <body class="container">

        <div class="page-header">

            <h1>Basic Login System</h1>

        </div>

        <nav class="navbar-navbar-default">

            <div class="container-fluid">

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                    <ul class="nav navbar-nav">

                        <li><a href="/">Home</a></li>

                        <li><a href="/signup.html">Signup</a></li>

                        <li><a href="/dashboard.html">Dashboard</a></li>

                    </ul>

                    <ul class="nav navbar-nav navbar-right">

                        <li><a href="/login">Log In</a></li>

                        <li><a href="/logout">Log Out</a></li>

                    </ul>

                </div>

            </div>

        </nav>

        <div class="container-row">

            <div class="jumbotron col-sm-4 pull-center">

                <form class="form" action="#" method="GET">

                    <div class="form-group">

                        <label>Username : </label>

                        <input class="form-control" required type="text" name="username"/>

                    </div>

                    <div class="form-group">

                        <label>Password : </label>

                        <input class="form-control" required type="text" name="password"/>

                    </div>

                    <div class="form-group">

                        <input class="btn-btn-primary" type="submit" value="Log In"/>

                    </div>

                </form>

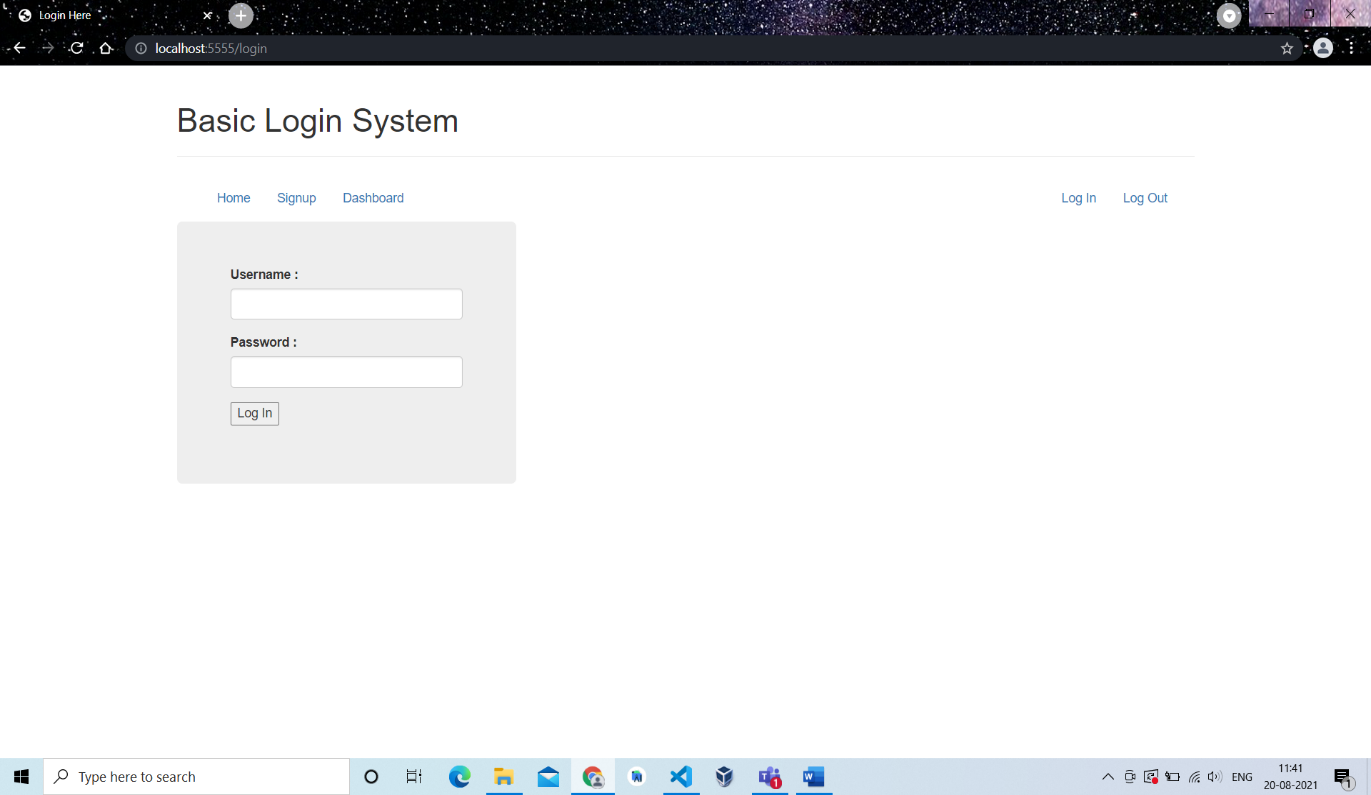
            </div>

        </div>

    </body>

</html>

* **OUTPUT**

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