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**Introduction:**

To perform an addition of JWT authentication to ensure that the requests that are hitting the MW are proper.

**Objective**

To develop a simple application using Node JS and express framework and perform an addition of JWT authentication.

**Prerequisites:**

Node JS should be installed in the machine.

**Design and Implementation:**

1.Install express JS in the system using the following command.

npm install express --save

2.Create a file called app.js and place the related methods in the file.

app.post('/api/login', (req, res) =>{

  console.log(req);

  const user ={

    id:1,

    username: 'RoshiniVarada',

    email: 'roshini'

  }

  jwt.sign({user}, 'secretkey', (err, token)=>{

    res.json(token);

  });

});

app.get('/api/getDetails', verifyToken, (req, res) =>{

    jwt.verify(req.token,'secretkey', (err, authData)=> {

      if (err) {

        res.sendStatus(403);

      } else {

        res.json(authData);

      }

    });

});

3.Add the front end by creating components like home and login.

4.Get the details of the user by using the url created in the express.js

getDetails() {

    const token = localStorage.getItem('authorization');

    const headers = new HttpHeaders().set('authorization', token);

    this.http.get('http://localhost:8888/api/getDetails', {headers} ).subscribe( data => {

      if(data) {

        this.UserInfo = data.user;

         this.User\_Infor=true;

      }

      console.log(data);

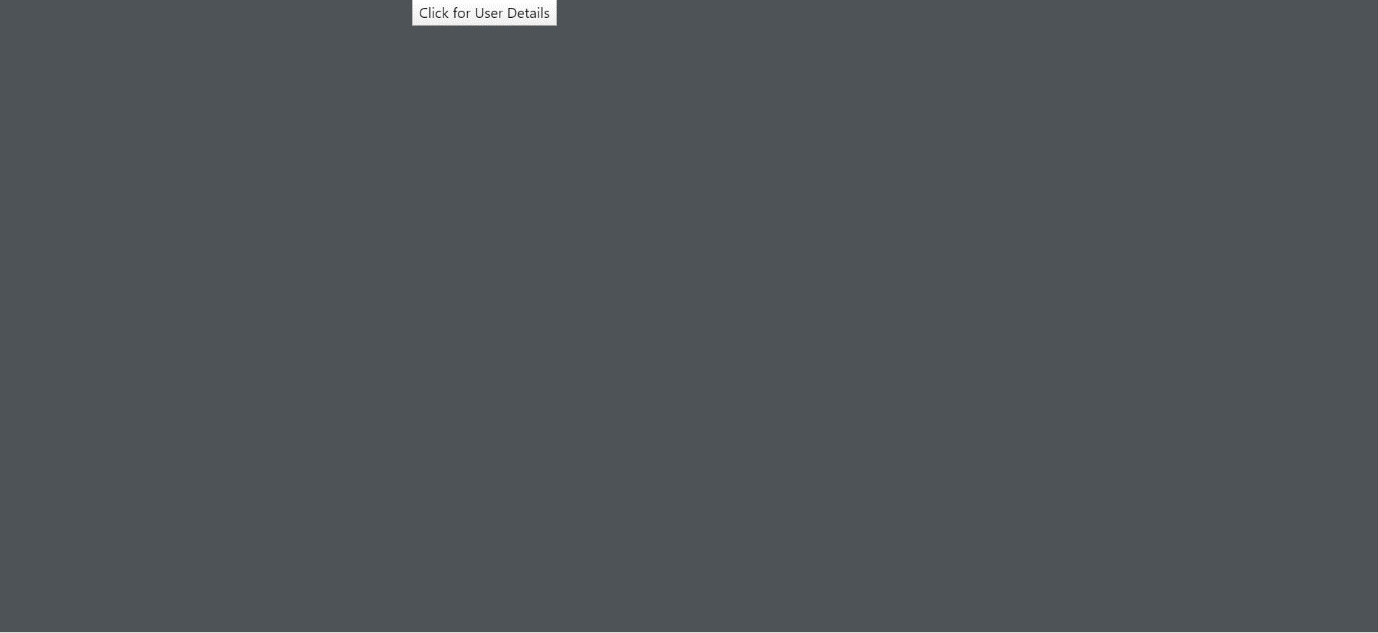
    });

  }

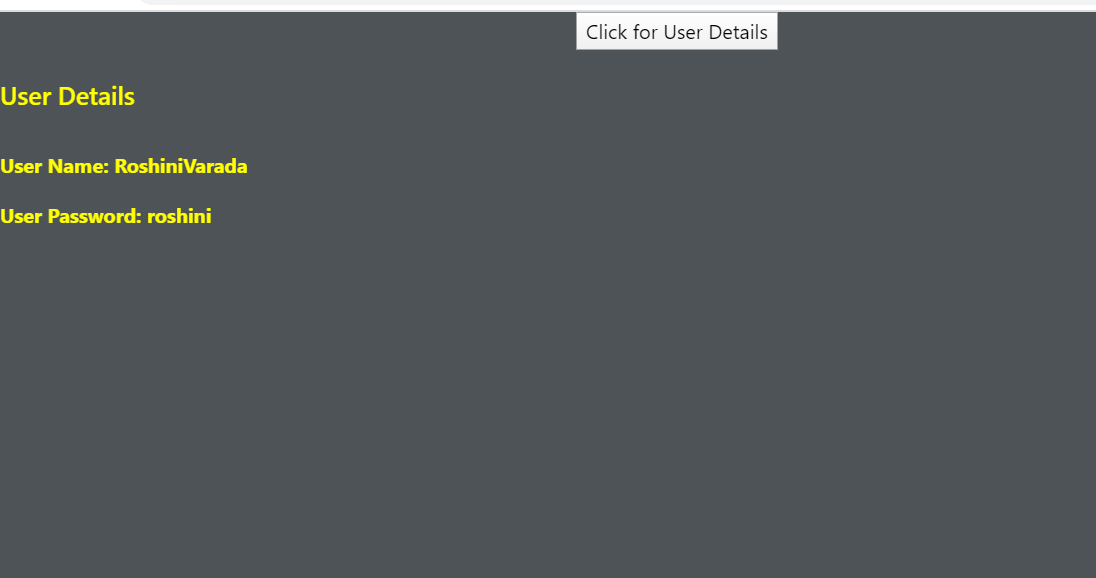
5.Display the details on the screen by giving ng serve.



6.After the request is validated the token is generated as below.



7.The details will be displayed as follows.



**Conclusion:**

Thus, a successful JWT authentication is performed using express JS framework.

**YouTubeLink:**

<https://youtu.be/f6v26HD4klU>

**References:**

<https://tutorialedge.net/nodejs/nodejs-jwt-authentication-tutorial/>