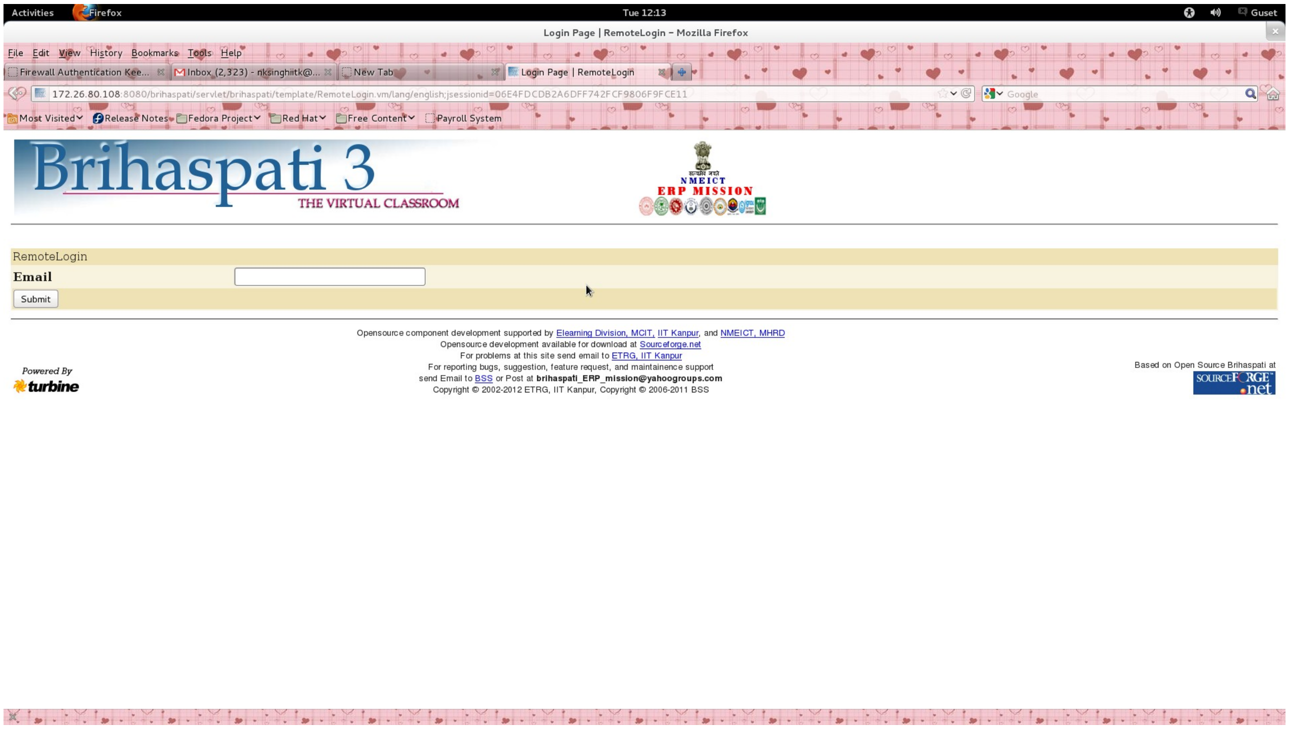
Step for using Brihaspati security lib

1. Create remote_auth dir at home and create brihaspati3-remote-access.properties file in side remote_auth dir.

2. The content of properties file are given below

```
server_url=http://202.141.40.215:8080/brihaspati/servlet/brihaspati/action/remoteAuthenticate
security_key=ABCD4746280092FCDGEQWERTsource_id=ignou_eportfolio
```

3. Create login page as


Activities
Firefox
Tue 12:13
Guset
Login Page | RemoteLogin – Mozilla Firefox
File Edit View History Bookmarks Tools Help
Firewall Authentication Kee...
Inbox (2,323) - nksinghiitk@...
New Tab
Login Page | RemoteLogin
172.26.80.108:8080/brihaspati/servlet/brihaspati/template/RemoteLogin.vm/lang/english;jsessionid=06E4FDCDB2A6DFF742FCF9806F9FCE11
Google
Most Visited
Release Notes
Fedora Project
Red Hat
Free Content
Payroll System
Brihaspati 3
THE VIRTUAL CLASSROOM
NMEICT
ERP MISSION

RemoteLogin

Email

Submit

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send Email to BSS or Post at **brihaspati_ERP_mission@yahoogroups.com**
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4. On submit call the action. In the action

get the value of email

```
    ParameterParser pp=data.getParameters();
    String email = pp.getString("email","");
```

set the return url

```
    String
returnurl="http://172.26.80.108:8080/brihaspati/servlet/brihaspati/template/Success.vm/lang/english";
```

call the method

```
    String resp=RemoteAuth.AuthR(email,returnurl);
```

redirect to the server

```
                data.getResponse().sendRedirect(resp);
```

5. You have to do verification on Success page. On the success page you get three parameter encripted data, Random String, keyed hash

```
get security key
String hdir=System.getProperty("user.home");
    String path=hdir+"/remote_auth/brihaspati3-remote-access.properties";
    String skey="";
    String serverUrl="";
    try{
            skey = RemoteAuthProperties.getValue(path,"security_key");
            serverUrl=RemoteAuthProperties.getValue(path,"server_url");
    }
    catch(Exception ex){
            System.out.println("The problem in getting value from properties file");
    }
decript received data
String enUrl=EncrptDecrpt.decrypt(encriptData);
get email and session  from enUrl

String hashcode=EncrptDecrpt.keyedHash(email,randomstr,skey);
match hashcode and keyedhash
if (matched)
            verify the email and session from remote_user.txt file
            boolean verified=ReadNWriteInTxt.readF(filepath, “email;session”);
            if(verified)
                        set the authorization as per your application
            else
                        redirected to login page

else
            redirected to login page
```