Write a REST API with following features

1 .user registration.

Registration fields

-email

-phone

-password

-confirm password

**Source code:-**

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"><html><head><META http-equiv="Content-Type" content="text/html; charset=utf-8"></head><body>

<form action="http://cookie.php" method="POST" target="\_blank" onsubmit="try {return window.confirm(&quot;This form may not function properly due to certain security constraints.\nContinue?&quot;);} catch (e) {return false;}">

<div bgcolor="Orange">

<div style="margin-left:400px;border:2px dashed red;width:400px;height:300px;float:left">

<table align="center" width="50%" border="0" cellspacing="3" cellpadding="5">

<th align="center" colspan="2"> User Registration </th>

<tr><td align="center">Email</td>

<td align="center"><input type="text" name="uname" size="15"></td>

</tr>

<tr><td align="center">Phone</td>

<td align="center"><input type="number" name="number" size="10"></td>

</tr>

<tr><td align="center">Password</td>

<td align="center"><input type="password" name="psw" size="15"></td>

<tr><td align="center"> Confirm Password</td>

<td align="center"><input type="password" required name="psw" size="15"></td>

<tr><td align="center"><input type="reset" value="RESET"></td>

<td align="center"><input type="submit" name="submit" value="SUBMIT"></td>

</tr></tr></table>

</div>

</div></form>

</body></html>

2. Registered user can create, read and update their profile

Profile fields

-First name

-Last Name

-role (editor/writer)

**Source code:-**

<html>

<body>

<form action="Welcome.php" method="POST">

firstName:<input type="text"name="firstname"<br>

lastname:<input type="text"name="lastname"<br>

Role:<input type="text"name="Editor/role"<br>

<input type="submit">

</form>

</body>

</html>

<!php

echo"<html>";

echo"<body bgcolor=$\_POST['color']>";

echo<h1>Welcome<pstyle="color:green;">$\_POST['name']</p></h1>

echo"</body>";

echo"</html>";

?>

3. User with writer role can create posts and read, update and delete only their posts

Article fields

-title

-post

**Sourcecode:-**

<?php

if(empty($\_POST['fname'])||empty($\_POST['lname']||empty($\_POST['role'])

empty($\_POST['uname'])||empty($\_POST['psw'])||empty($\_POST['cpsw'])

empty($\_POST['pcu'])||empty($\_POSt['em'])||empty($\_POST['br'])||(!isset($\_POST['la'])||(isset($\_POST['lan']))||(isset($\_POST['lang']))))))

{

echo"<html>";

echo"<body>";

echo"<h3 align='center'>Some credentials are missing</h3>";

echo"<span style='color:red'>please fill all the credentials which are marked</span>";

echo"<br><button onclick='goback()'>GoBack</button>";

echo"<script>";

echo"function goback(0);

echo"</script>";

echo"</html>";

}

else

{

$fn=$ln=$d=$b=$g=$un=$pa=$cpa=$ad=$p=$e=" ";

$fn=$\_POST['fname'];

$ln=$\_POST['lname'];

$r=$\_POST['role'];

}

4. User with writer role can read comments on his posts.

5. User with editor role can read all posts and comment on posts.