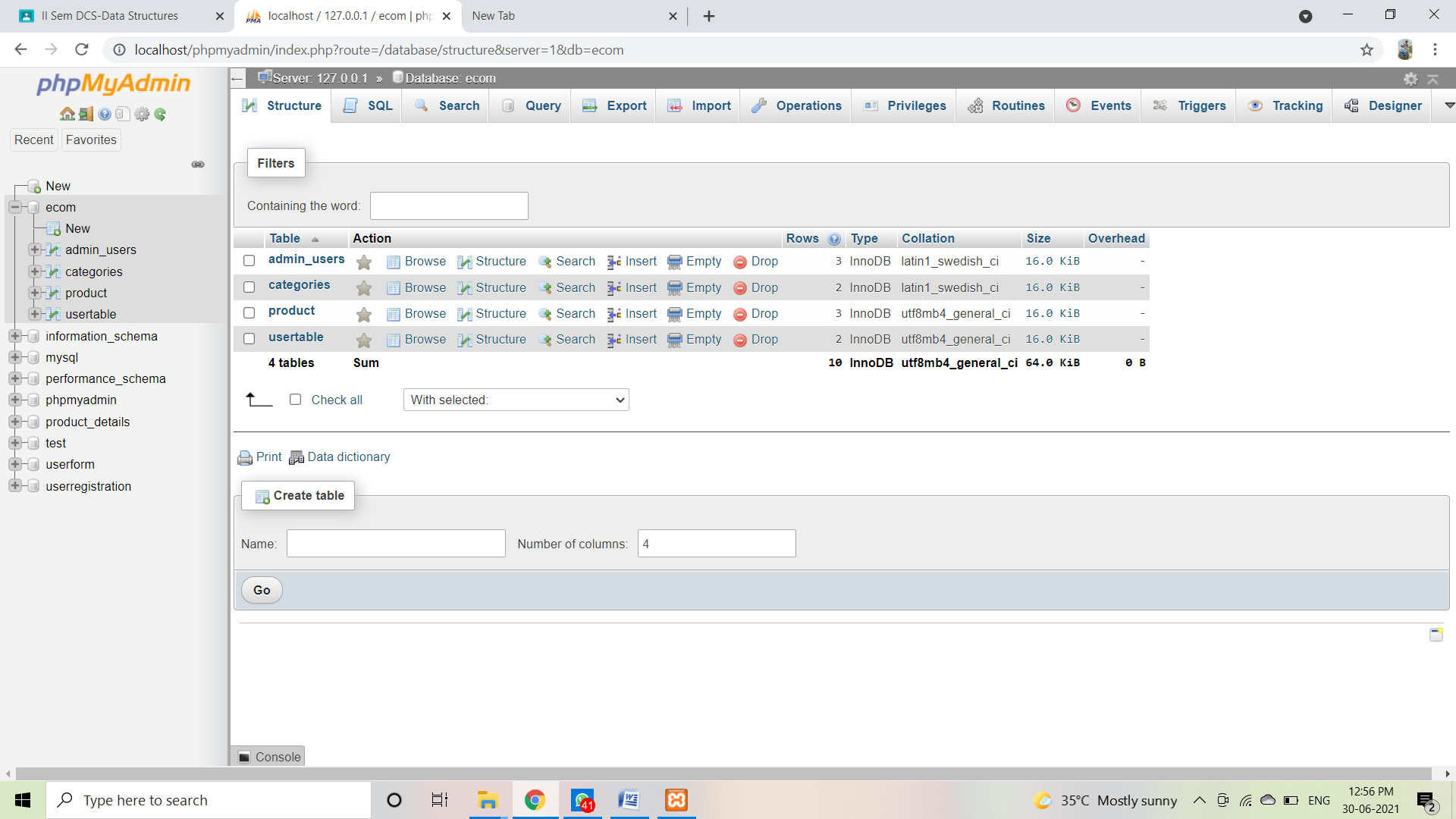
**FLIPKART**

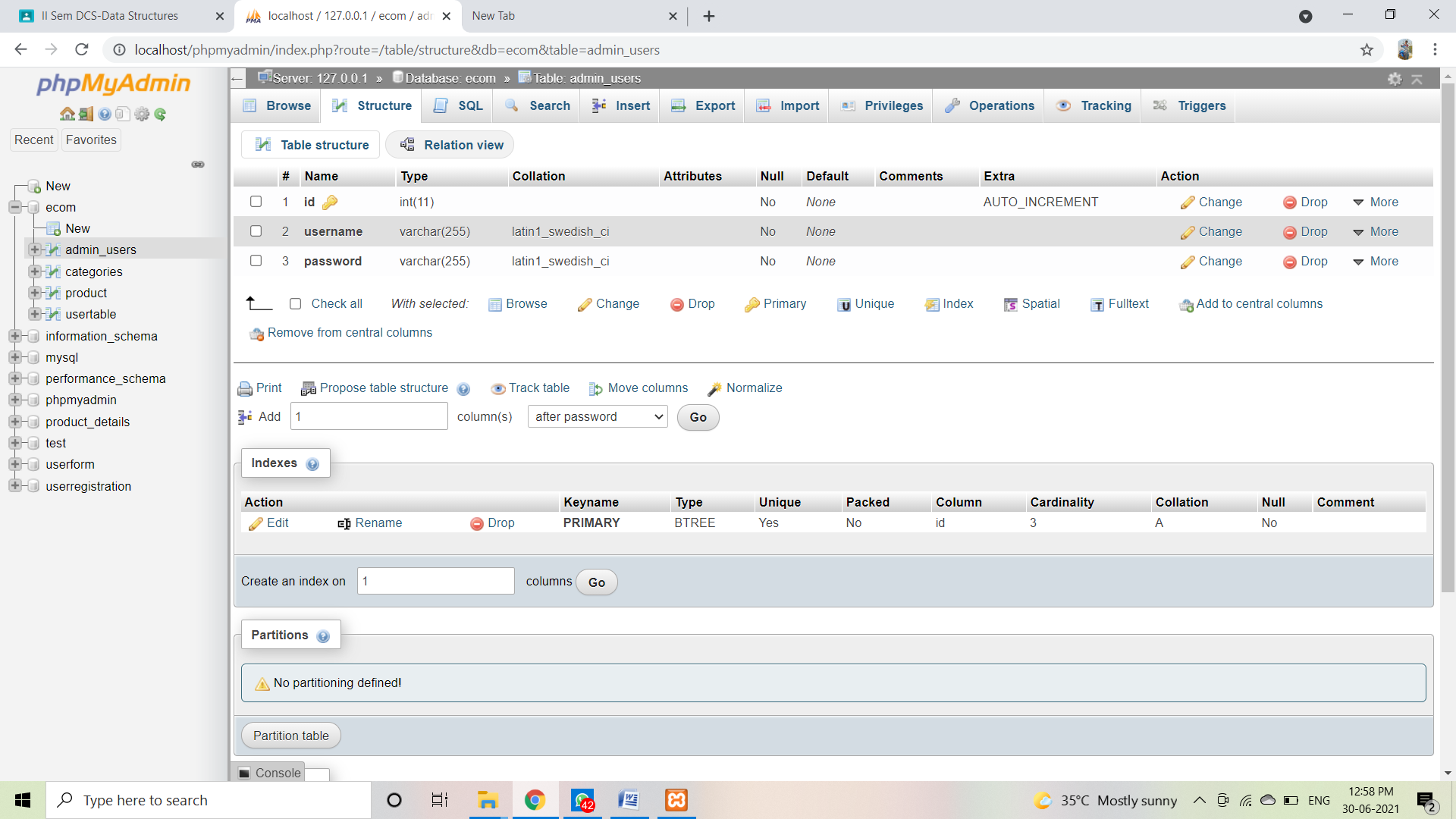
**2033010 – DHARUN PRUDHIV M**

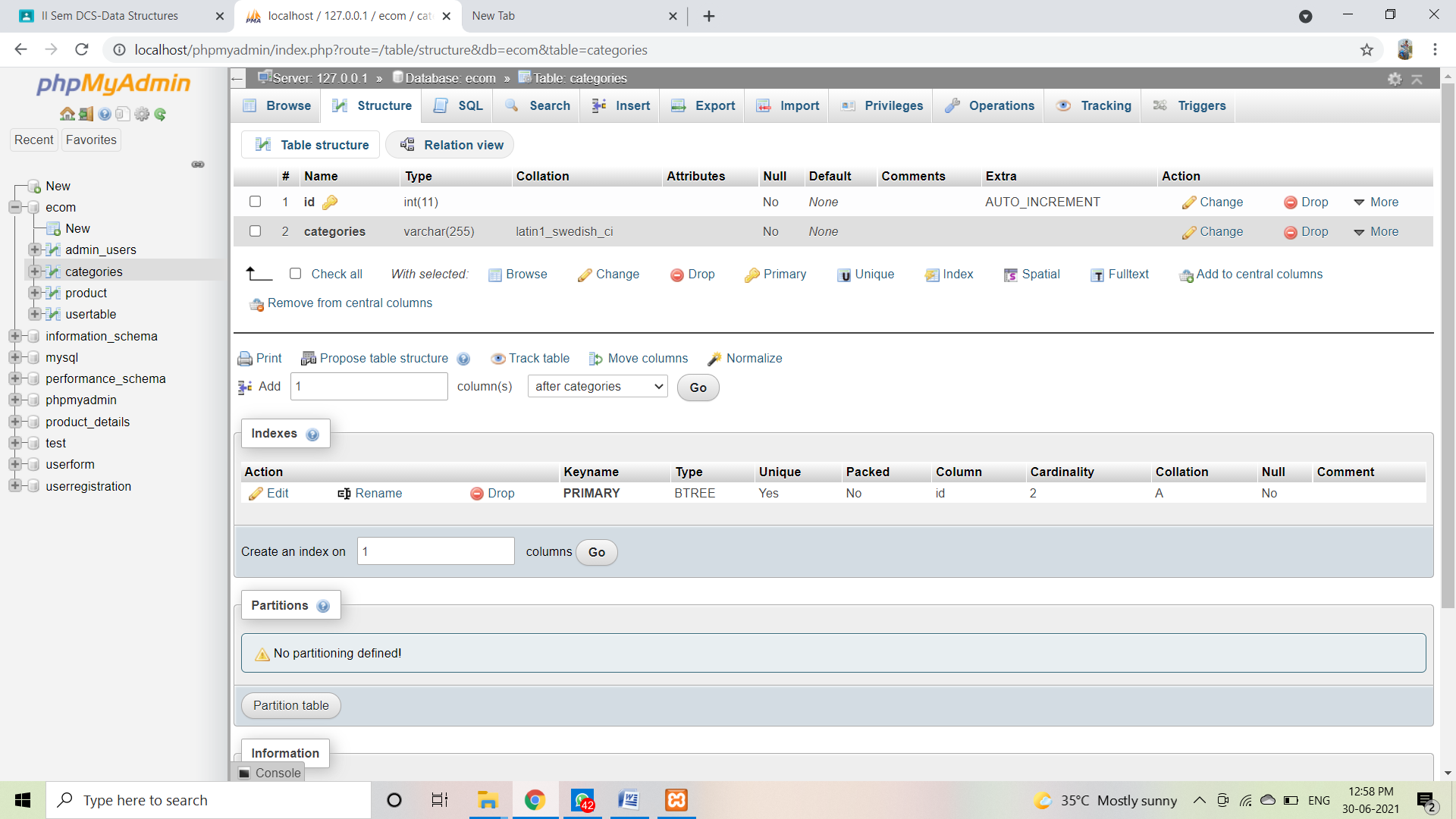
**2033013 – GOWTHAM EASWAR B**

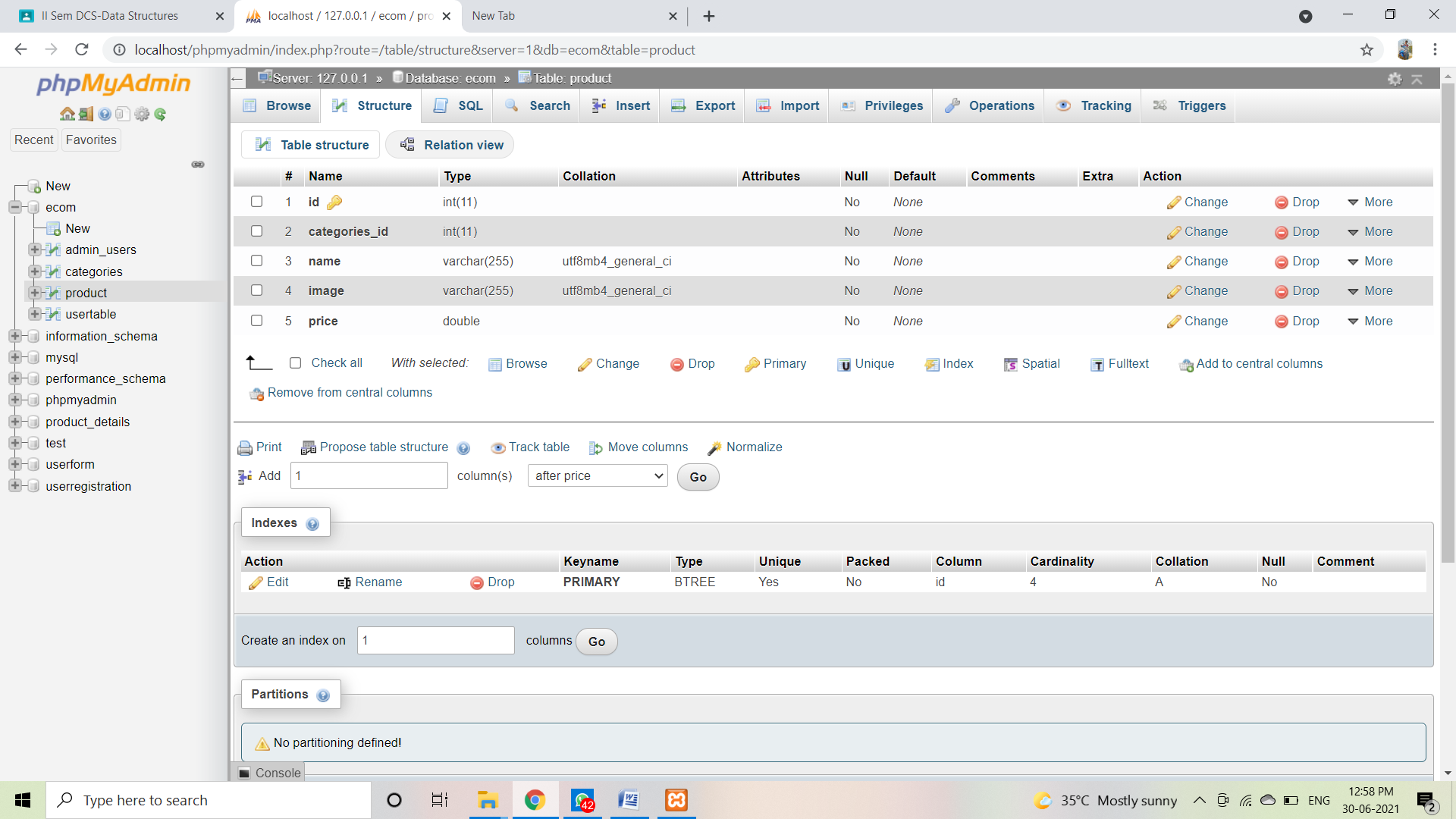
**DB Tables List:**

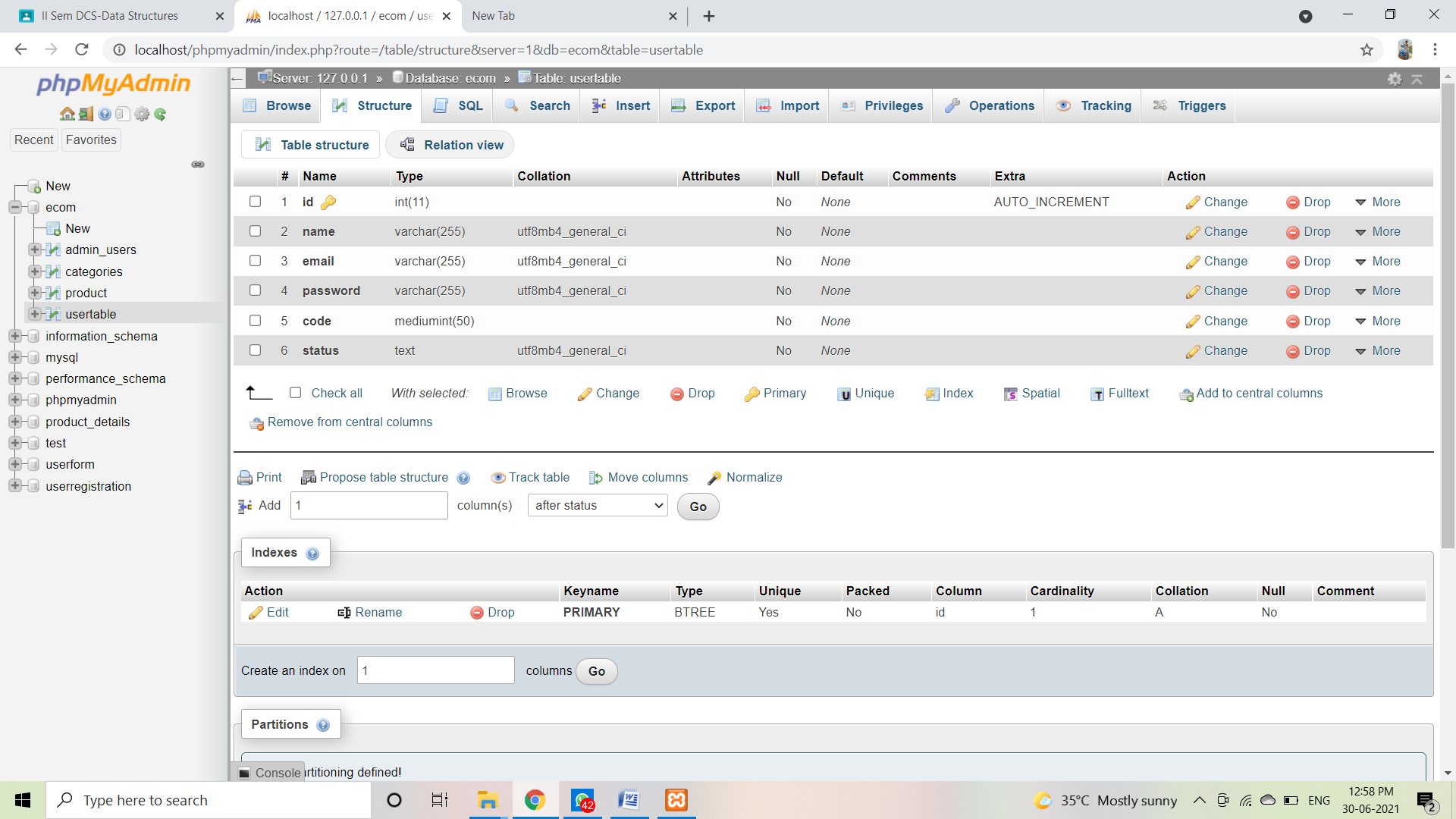


**Each DB table with column name, data type, key details:**

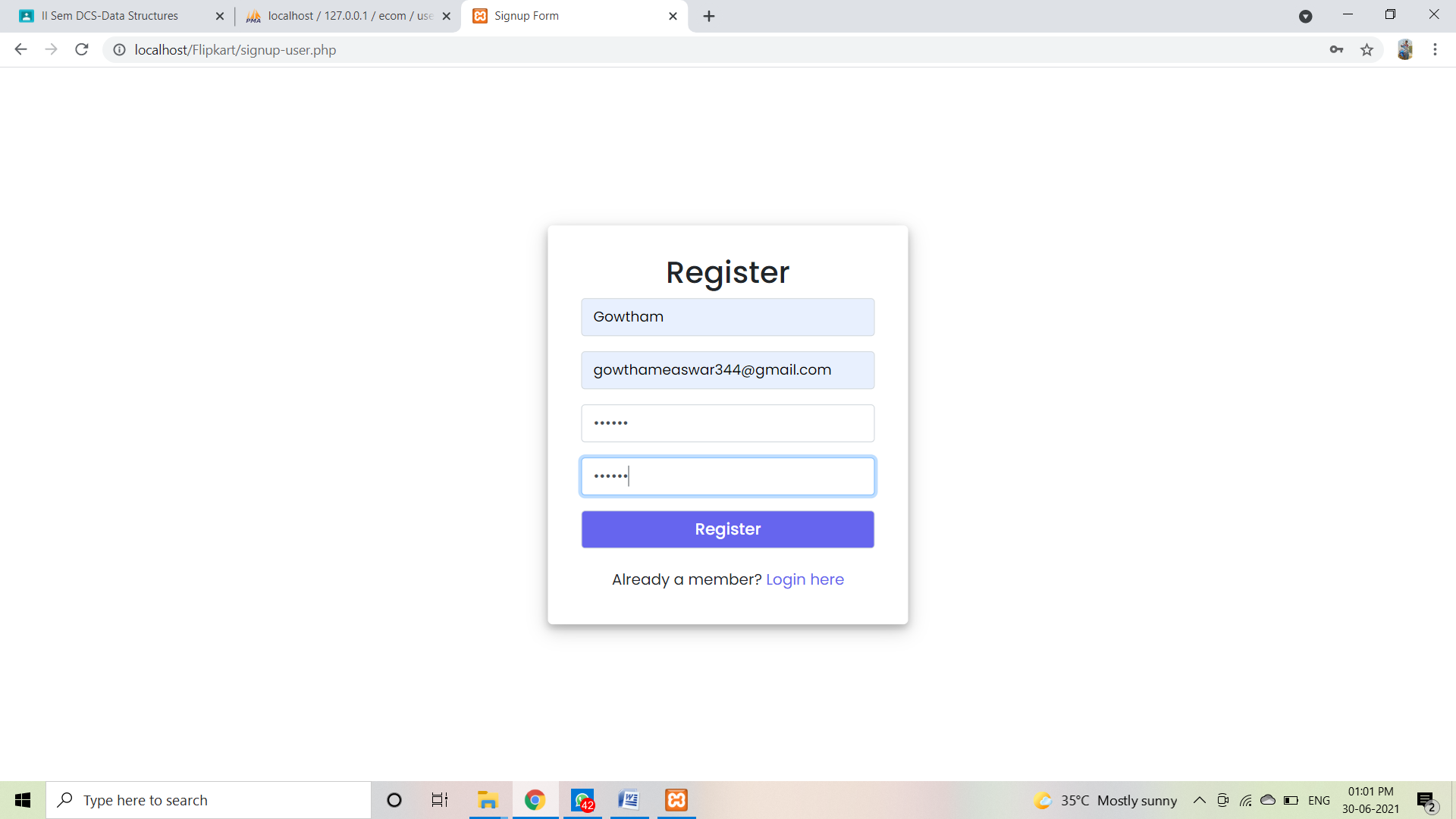




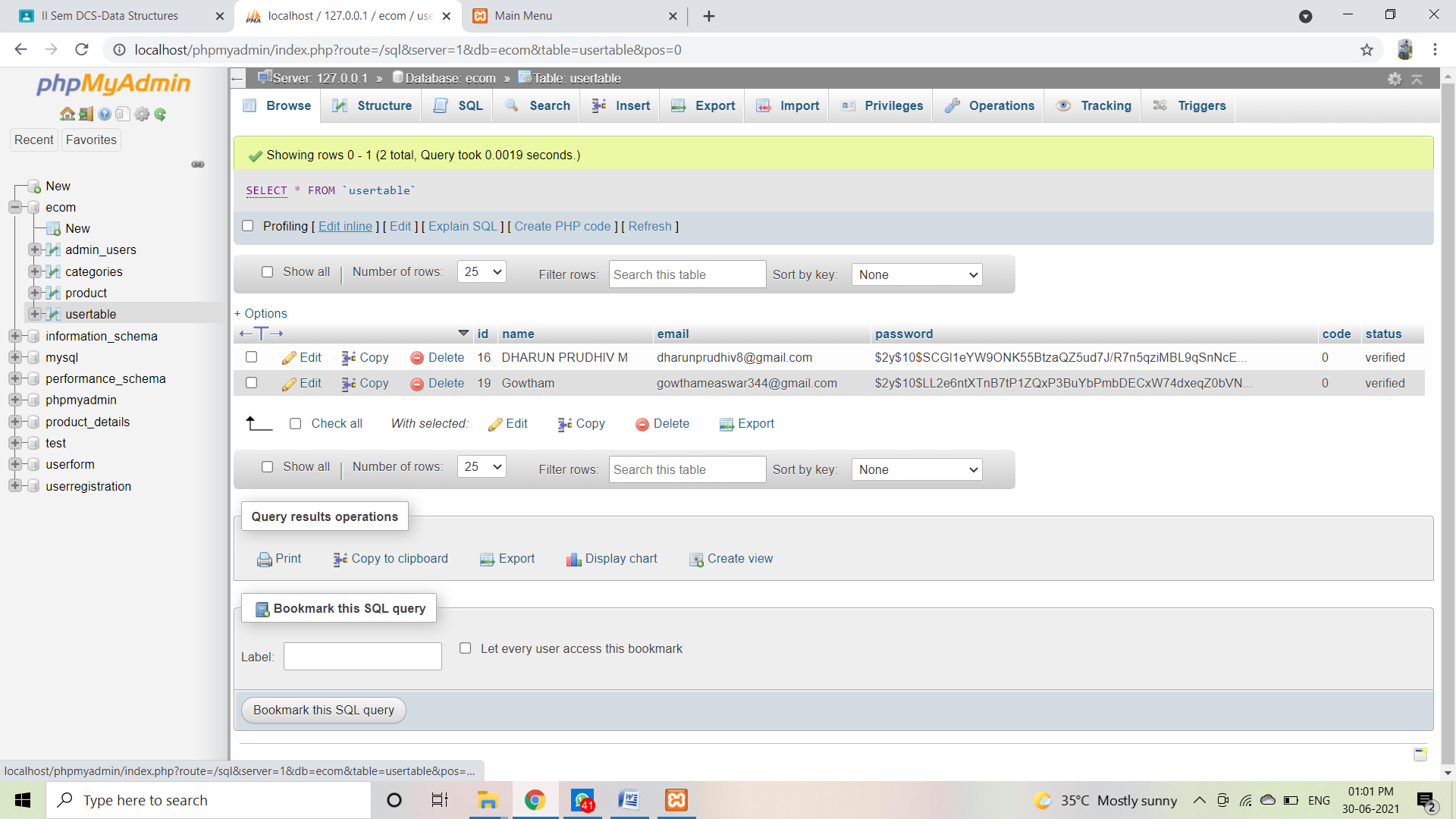




**Sign in page with valid data entries:**



**Sign\_in Table rows (with newly added data):**



**PHP Code to show product like details:**

<?php

session\_start();

$database\_name = "ecom";

$con = mysqli\_connect("localhost","root","",$database\_name);

if (isset($\_POST["add"])){

if (isset($\_SESSION["cart"])){

$item\_array\_id = array\_column($\_SESSION["cart"],"product\_id");

if (!in\_array($\_GET["id"],$item\_array\_id)){

$count = count($\_SESSION["cart"]);

$item\_array = array(

'product\_id' => $\_GET["id"],

'item\_name' => $\_POST["hidden\_name"],

'product\_price' => $\_POST["hidden\_price"],

'item\_quantity' => $\_POST["quantity"],

);

$\_SESSION["cart"][$count] = $item\_array;

echo '<script>window.location="mobiles.php"</script>';

}else{

echo '<script>alert("Product is already Added to Cart")</script>';

echo '<script>window.location="mobiles.php"</script>';

}

}else{

$item\_array = array(

'product\_id' => $\_GET["id"],

'item\_name' => $\_POST["hidden\_name"],

'product\_price' => $\_POST["hidden\_price"],

'item\_quantity' => $\_POST["quantity"],

);

$\_SESSION["cart"][0] = $item\_array;

}

}

if (isset($\_GET["action"])){

if ($\_GET["action"] == "delete"){

foreach ($\_SESSION["cart"] as $keys => $value){

if ($value["product\_id"] == $\_GET["id"]){

unset($\_SESSION["cart"][$keys]);

echo '<script>alert("Product has been Removed...!")</script>';

echo '<script>window.location="mobiles.php"</script>';

}

}

}

}

?>

<!doctype html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport"

content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Mobiles</title>

<link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNIcPD7Txa" crossorigin="anonymous"></script>

<style>

@import url('https://fonts.googleapis.com/css?family=Titillium+Web');

\*{

font-family: 'Titillium Web', sans-serif;

}

.product{

border: 1px solid #eaeaec;

margin: -1px 19px 3px -1px;

padding: 10px;

text-align: center;

background-color: #efefef;

}

table, th, tr{

text-align: center;

}

.title2{

text-align: center;

color: #047bd5;

background-color: #efefef;

padding: 2%;

}

h2{

text-align: center;

color: #047bd5;

background-color: #efefef;

padding: 2%;

}

table th{

background-color: #efefef;

}

.btn{

background-color:#047bd5

}

</style>

</head>

<body>

<div class="container" style="width: 65%">

<h2>Mobiles</h2>

<?php

$query = "SELECT \* FROM product ORDER BY id ASC ";

$result = mysqli\_query($con,$query);

if(mysqli\_num\_rows($result) > 0) {

while ($row = mysqli\_fetch\_array($result)) {

?>

<div class="col-md-3">

<form method="post" action="mobiles.php?action=add&id=<?php echo $row["id"]; ?>">

<div class="product">

<img src="<?php echo $row["image"]; ?>" class="img-responsive">

<h5 class="text-info"><?php echo $row["name"]; ?></h5>

<h5 class="text-danger"><?php echo $row["price"]; ?></h5>

<input type="text" name="quantity" class="form-control" value="1">

<input type="hidden" name="hidden\_name" value="<?php echo $row["name"]; ?>">

<input type="hidden" name="hidden\_price" value="<?php echo $row["price"]; ?>">

<input type="submit" name="add" style="margin-top: 5px;" class="btn btn-success"

value="Add to Cart">

</div>

</form>

</div>

<?php

}

}

?>

<div style="clear: both"></div>

<h3 class="title2">Shopping Cart Details</h3>

<div class="table-responsive">

<table class="table table-bordered">

<tr>

<th width="30%">Product Name</th>

<th width="10%">Quantity</th>

<th width="13%">Price Details</th>

<th width="10%">Total Price</th>

<th width="17%">Remove Item</th>

</tr>

<?php

if(!empty($\_SESSION["cart"])){

$total = 0;

foreach ($\_SESSION["cart"] as $key => $value) {

?>

<tr>

<td><?php echo $value["item\_name"]; ?></td>

<td><?php echo $value["item\_quantity"]; ?></td>

<td>₹ <?php echo $value["product\_price"]; ?></td>

<td>

₹ <?php echo number\_format($value["item\_quantity"] \* $value["product\_price"], 2); ?></td>

<td><a href="mobiles.php?action=delete&id=<?php echo $value["product\_id"]; ?>"><span

class="text-danger">Remove Item</span></a></td>

</tr>

<?php

$total = $total + ($value["item\_quantity"] \* $value["product\_price"]);

}

?>

<tr>

<td colspan="3" align="right">Total</td>

<th align="right">₹ <?php echo number\_format($total, 2); ?></th>

<td></td>

</tr>

<?php

}

?>

</table>

<form method="post" action="index.html">

<input type="submit" name="back" style="margin-top:10%;" class="btn btn-success"

value="Back to home">

</form>

<form method="post" action="payment.html">

<input type="submit" name="pay" style="margin-top:-6%; margin-left:80%" class="btn btn-success"

value="Continue to pay">

</form>

</div>

</div>

</body>

</html>

**PHP code for sending mail/message or generating pdf:**

<?php

session\_start();

require "connection.php";

$email = "";

$name = "";

$errors = array();

//if user signup button

if(isset($\_POST['signup'])){

$name = mysqli\_real\_escape\_string($con, $\_POST['name']);

$email = mysqli\_real\_escape\_string($con, $\_POST['email']);

$password = mysqli\_real\_escape\_string($con, $\_POST['password']);

$cpassword = mysqli\_real\_escape\_string($con, $\_POST['cpassword']);

if($password !== $cpassword){

$errors['password'] = "Passwords do not match!";

}

$email\_check = "SELECT \* FROM usertable WHERE email = '$email'";

$res = mysqli\_query($con, $email\_check);

if(mysqli\_num\_rows($res) > 0){

$errors['email'] = "Email already exists.<br>You can login!";

}

if(count($errors) === 0){

$encpass = password\_hash($password, PASSWORD\_BCRYPT);

$code = rand(999999, 111111);

$status = "notverified";

$insert\_data = "INSERT INTO usertable (name, email, password, code, status)

values('$name', '$email', '$encpass', '$code', '$status')";

$data\_check = mysqli\_query($con, $insert\_data);

if($data\_check){

$subject = "Email Verification Code";

$message = "Hello $name Welcome to Flipkart.Your verification code is $code.Regards,Team Flipkart.";

$sender = "From: flipkartverifyemail@gmail.com";

if(mail($email, $subject, $message, $sender)){

$info = "We've sent a verification code to $email";

$\_SESSION['info'] = $info;

$\_SESSION['email'] = $email;

$\_SESSION['password'] = $password;

header('location: user-otp.php');

exit();

}else{

$errors['otp-error'] = "Failed to send code!";

}

}else{

$errors['db-error'] = "Failed to insert data into database!";

}

}

}

//if user click verification code submit button

if(isset($\_POST['check'])){

$\_SESSION['info'] = "";

$otp\_code = mysqli\_real\_escape\_string($con, $\_POST['otp']);

$check\_code = "SELECT \* FROM usertable WHERE code = $otp\_code";

$code\_res = mysqli\_query($con, $check\_code);

if(mysqli\_num\_rows($code\_res) > 0){

$fetch\_data = mysqli\_fetch\_assoc($code\_res);

$fetch\_code = $fetch\_data['code'];

$email = $fetch\_data['email'];

$code = 0;

$status = 'verified';

$update\_otp = "UPDATE usertable SET code = $code, status = '$status' WHERE code = $fetch\_code";

$update\_res = mysqli\_query($con, $update\_otp);

if($update\_res){

$\_SESSION['name'] = $name;

$\_SESSION['email'] = $email;

header('location: home.php');

exit();

}else{

$errors['otp-error'] = "Failed while updating code!";

}

}else{

$errors['otp-error'] = "You've entered incorrect code!";

}

}

//if user click login button

if(isset($\_POST['login'])){

$email = mysqli\_real\_escape\_string($con, $\_POST['email']);

$password = mysqli\_real\_escape\_string($con, $\_POST['password']);

$check\_email = "SELECT \* FROM usertable WHERE email = '$email'";

$res = mysqli\_query($con, $check\_email);

if(mysqli\_num\_rows($res) > 0){

$fetch = mysqli\_fetch\_assoc($res);

$fetch\_pass = $fetch['password'];

if(password\_verify($password, $fetch\_pass)){

$\_SESSION['email'] = $email;

$status = $fetch['status'];

if($status == 'verified'){

$\_SESSION['email'] = $email;

$\_SESSION['password'] = $password;

header('location: home.php');

}else{

$info = "You haven't verified your email - $email";

$\_SESSION['info'] = $info;

header('location: user-otp.php');

}

}else{

$errors['email'] = "Incorrect email or password!";

}

}else{

$errors['email'] = "It looks like you are new to us.<br>Kindly register with us!";

}

}

//if user click continue button in forgot password form

if(isset($\_POST['check-email'])){

$email = mysqli\_real\_escape\_string($con, $\_POST['email']);

$check\_email = "SELECT \* FROM usertable WHERE email='$email'";

$run\_sql = mysqli\_query($con, $check\_email);

if(mysqli\_num\_rows($run\_sql) > 0){

$code = rand(999999, 111111);

$insert\_code = "UPDATE usertable SET code = $code WHERE email = '$email'";

$run\_query = mysqli\_query($con, $insert\_code);

if($run\_query){

$subject = "Password Reset Code";

$message = "Hello Customer sorry to see you forgot your password.Your password reset code is $code.You can change your password by entering this code.Regards,Team Flipkart";

$sender = "From: flipkartverifyemail@gmail.com";

if(mail($email, $subject, $message, $sender)){

$info = "We've sent a password reset otp to $email";

$\_SESSION['info'] = $info;

$\_SESSION['email'] = $email;

header('location: reset-code.php');

exit();

}else{

$errors['otp-error'] = "Failed while sending code!";

}

}else{

$errors['db-error'] = "Something went wrong!";

}

}else{

$errors['email'] = "This email address does not exist!";

}

}

//if user click check reset otp button

if(isset($\_POST['check-reset-otp'])){

$\_SESSION['info'] = "";

$otp\_code = mysqli\_real\_escape\_string($con, $\_POST['otp']);

$check\_code = "SELECT \* FROM usertable WHERE code = $otp\_code";

$code\_res = mysqli\_query($con, $check\_code);

if(mysqli\_num\_rows($code\_res) > 0){

$fetch\_data = mysqli\_fetch\_assoc($code\_res);

$email = $fetch\_data['email'];

$\_SESSION['email'] = $email;

$info = "Please create a new password .";

$\_SESSION['info'] = $info;

header('location: new-password.php');

exit();

}else{

$errors['otp-error'] = "You've entered incorrect code!";

}

}

//if user click change password button

if(isset($\_POST['change-password'])){

$\_SESSION['info'] = "";

$password = mysqli\_real\_escape\_string($con, $\_POST['password']);

$cpassword = mysqli\_real\_escape\_string($con, $\_POST['cpassword']);

if($password !== $cpassword){

$errors['password'] = "Confirm password not matched!";

}else{

$code = 0;

$email = $\_SESSION['email']; //getting this email using session

$encpass = password\_hash($password, PASSWORD\_BCRYPT);

$update\_pass = "UPDATE usertable SET code = $code, password = '$encpass' WHERE email = '$email'";

$run\_query = mysqli\_query($con, $update\_pass);

if($run\_query){

$info = "Password has been changed successfully.";

$\_SESSION['info'] = $info;

header('Location: password-changed.php');

}else{

$errors['db-error'] = "Failed to change your password!";

}

}

}

//if login now button click

if(isset($\_POST['login-now'])){

header('Location: login-user.php');

}

?>