**PROJEK UJIAN AKHIR SEMESTER**

**PRAKTIK PEMROGRAMAN WEB LANJUT**

**18 JANUARI 2018**

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**DISUSUN OLEH :**

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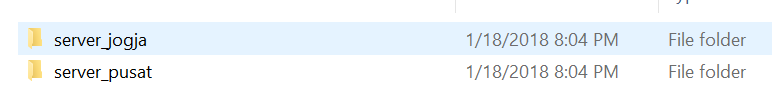
**SEKOLAH TINGGGI MANAJEMEN INFORMATIKA DAN KOMPUTER**

**AKAKOM**

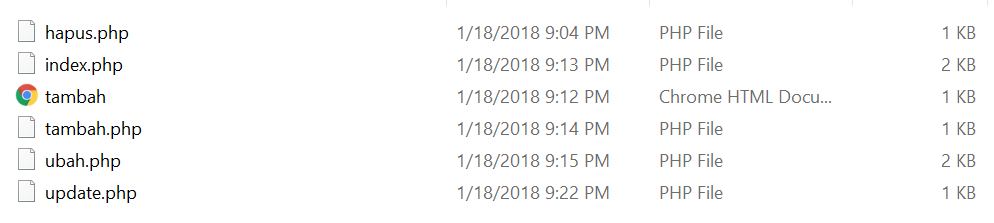
**YOGYAKARTA**

**2018**

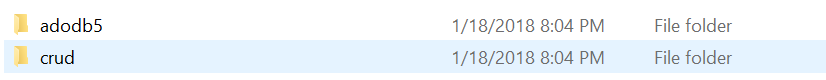
Membuat struktur folder



Folder server\_jogja berisi :



Folder server pusat berisi :

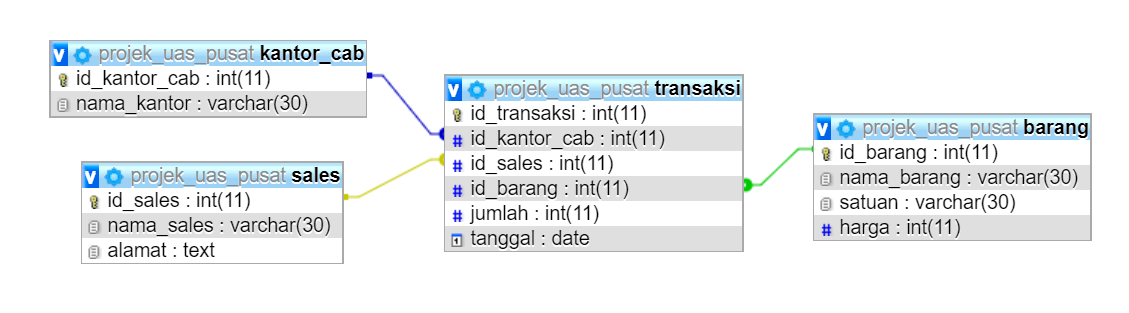


Untuk folder adodb5 didapatkan dengan mendowload dari internet dan tidak perlu diubah - ubah

Folder crud berisi



Membuat struktur table seperti pada gambar dibawah ini :



Program soapServer.php

|  |
| --- |
| <?php  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* PHP SOAP - How to create a SOAP Server and a SOAP Client  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  require\_once('../adodb5/adodb.inc.php');  require\_once('../adodb5/adodb-active-record.inc.php');  //koneksi ke database  $db = NewADOConnection('mysqli');  $db->Connect('localhost', 'root', '', 'projek\_uas\_pusat');    class Crud {  //methode tambah data  function tambahData($id\_transaksi,$id\_kantor\_cab,$id\_sales,$id\_barang,$jumlah,$tanggal)  {  $tran=new Transaksi;  $tran->id\_transaksi=$id\_transaksi;  $tran->id\_kantor\_cab=$id\_kantor\_cab;  $tran->id\_sales=$id\_sales;  $tran->id\_barang=$id\_barang;  $tran->jumlah=$jumlah;  $tran->tanggal=$tanggal;  if ($tran->save()==1)  {  return "Berhasil di simpan";  }  else  return "Ada error, Gagal Menyimpan";  }    // methode updateData  function updateData($id\_transaksi,$id\_kantor\_cab,$id\_sales,$id\_barang,$jumlah,$tanggal)  {  $tran=new ADOdb\_Active\_Record("transaksi");  $tran->id\_transaksi=$id\_transaksi;  $tran->id\_kantor\_cab=$id\_kantor\_cab;  $tran->id\_sales=$id\_sales;  $tran->id\_barang=$id\_barang;  $tran->jumlah=$jumlah;  $tran->tanggal=$tanggal;  $ok = $tran->replace(); // 0=failure, 1=update, 2=insert  if ($ok==1)  return "Berhasil diubah";  else  return "gagal di ubah";  }    //methode baca data  function bacaData()  {  $db = NewADOConnection('mysqli');  $db->Connect('localhost', 'root', '', 'projek\_uas\_pusat');    $rs = $db->Execute("SELECT \* FROM transaksi ");  $result = $rs->GetArray();    foreach($result as $row=>$value)  {  $return\_value[] = array(  'id\_transaksi'=> $value['id\_transaksi'],  'id\_kantor\_cab'=> $value['id\_kantor\_cab'],  'id\_sales'=> $value['id\_sales'],  'id\_barang'=> $value['id\_barang'],  'jumlah'=> $value['jumlah'],  'tanggal'=> $value['tanggal']  );  }  return $return\_value;  }    //methode baca dan mengubah data  function bacaUbah($id\_transaksi)  {  $db = NewADOConnection('mysqli');  $db->Connect('localhost', 'root', '', 'projek\_uas\_pusat');    $rs = $db->Execute("SELECT \* FROM transaksi WHERE id\_transaksi='".$id\_transaksi."'");  $result = $rs->GetArray();    foreach($result as $row=>$value)  {  $return\_value[] = array(  'id\_transaksi'=> $value['id\_transaksi'],  'id\_kantor\_cab'=> $value['id\_kantor\_cab'],  'id\_sales'=> $value['id\_sales'],  'id\_barang'=> $value['id\_barang'],  'jumlah'=> $value['jumlah'],  'tanggal'=> $value['tanggal']  );  }  return $return\_value;  }    //methode hapus data  function hapusData($id\_transaksi)  {  $db = NewADOConnection('mysqli');  $db->Connect('localhost', 'root', '', 'projek\_uas\_pusat');    $rs = $db->Execute("DELETE FROM transaksi WHERE id\_transaksi='".$id\_transaksi."'");  if (!$rs) {  return "Data tidak berhasil dihapus" ;  }  else  return "Data berhasil dihapus" ;  }  }  ADOdb\_Active\_Record::SetDatabaseAdapter($db,'mConnection');  // menciptakan kelas Transaksi ke tabel transaksi    class Transaksi extends ADOdb\_Active\_Record  {  public $\_dbat = 'mConnection';  public $\_table = 'transaksi';  }    //when in non-wsdl mode the uri option must be specified  $options=array('uri'=>'http://localhost/projekUAS/server\_pusat/crud/');  //create a new SOAP server  $server = new SoapServer(NULL,$options);  //attach the API class to the SOAP Server  $server->setClass('Crud');  //start the SOAP requests handler  $server->handle();  ?> |

Script program soapServer.php di atas diletakkan pada server\_pusat

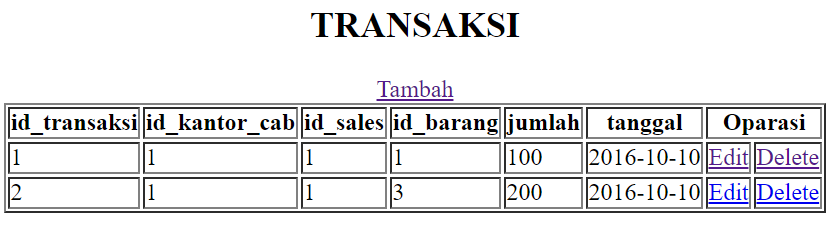
Untuk program yang terletak di server\_jogja (client) dapat dilihat pada script dibawah ini)

Program index.php

|  |
| --- |
| <?php  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* PHP SOAP - How to create a SOAP Server and a SOAP Client  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  $options = array('location' =>  'http://localhost/projekUAS/server\_pusat/crud/soapServer.php',  'uri' => 'http://localhost/projekUAS/server\_pusat/crud/', "trace" => 1);  //create an instante of the SOAPClient (the API will be available)  ?>  <center>  <?php  try {  $client = new SoapClient(null, $options);  echo "<h2>TRANSAKSI </h2>";  echo "<td><a href='tambah.html'>Tambah</a></td>";  $tran = $client->bacaData();  echo '<table border=1>';  echo "<tr><th>id\_transaksi</th><th>id\_kantor\_cab</th><th>id\_sales</th><th>id\_barang</th><th>jumlah</th><th>tanggal</th>  <th colspan=\"2\">Oparasi</th></tr>";  foreach ($tran as $item) {  echo "<tr>";  echo "<td>" . $item['id\_transaksi'] . "</td>";  echo "<td>" . $item['id\_kantor\_cab'] . "</td>";  echo "<td>" . $item['id\_sales'] . "</td>";  echo "<td>" . $item['id\_barang'] . "</td>";  echo "<td>" . $item['jumlah'] . "</td>";  echo "<td>" . $item['tanggal'] . "</td>";  echo "<td><a href='ubah.php?id=" . $item['id\_transaksi'] .  "'>Edit</a></td>";  echo "<td><a href='hapus.php?id=" . $item['id\_transaksi'] .  "'>Delete</a></td>";  echo "</tr>";  }  echo "</table>";  } catch (SoapFault $ex) {  echo "<br>";  echo $client->\_\_getLastResponse();  }  ?>  </center> |

Index.php pada server\_jogja akan menampilkan data yang telah tersimpan pada database

Hasil untuk tampil data :



Program tambah.php

|  |
| --- |
| <?php  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* PHP SOAP - How to create a SOAP Server and a SOAP Client  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  $options = array('location' => 'http://localhost/projekUAS/server\_pusat/crud/soapServer.php',  'uri' => 'http://localhost/projekUAS/server\_pusat/crud/', "trace" => 1);  try {  $client = new SoapClient(null, $options);  $id\_transaksi = $\_POST['id\_transaksi'];  $id\_kantor\_cab = $\_POST['id\_kantor\_cab'];  $id\_sales = $\_POST['id\_sales'];  $id\_barang = $\_POST['id\_barang'];  $jumlah = $\_POST['jumlah'];  $tanggal = $\_POST['tanggal'];  $komen = $client->tambahData($id\_transaksi,$id\_kantor\_cab,$id\_sales,$id\_barang,$jumlah,$tanggal);  } catch (SoapFault $ex) {  echo $client->\_\_getLastResponse();  }  ?>  <script type="text/javascript">  alert('<?php echo $komen; ?>');  window.location.href='index.php';  </script> |

Script di atas digunakan untuk mengirim data yang akan di ditambahkan.

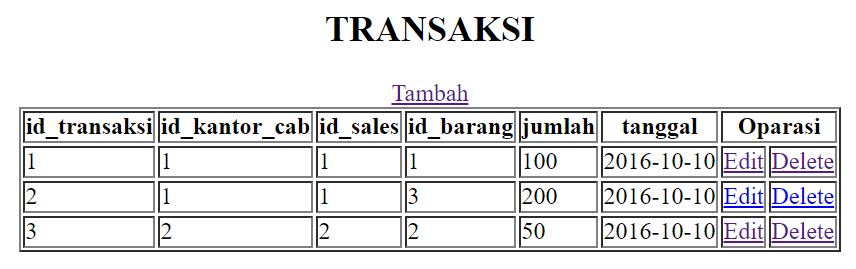
Program tambah.html

|  |
| --- |
| <center>  <h2>Tambah Data Transaksi</h2>  <table>  <form action="tambah.php" method="post">  <tr>  <td>ID TRANSAKSI</td>  <td><input type="text" name="id\_transaksi"></td>  </tr>  <tr>  <td>ID KANTOR CABANG</td>  <td><input type="text" name="id\_kantor\_cab"></td>  </tr>  <tr>  <td>ID SALES</td>  <td><input type="text" name="id\_sales"></td>  </tr>  <tr>  <td>ID BARANG</td>  <td><input type="text" name="id\_barang"></td>  </tr>  <tr>  <td>JUMLAH</td>  <td><input type="text" name="jumlah"></td>  </tr>  <tr>  <td>TANGGAL</td>  <td><input type="text" name="tanggal"></td>  </tr>  <tr>  <td></td><td><input type="submit" value="Simpan"></td>  </tr>  </form>  </table>  <a href='index.php'>Kembali</a>  </center> |

Program tambah.html ini berfungsu sebagai tampilan atau user interface dalam bentuk form untuk memasukkan data yang akan di tambahkan.

Hasil untuk tambah data :





Program ubah.php

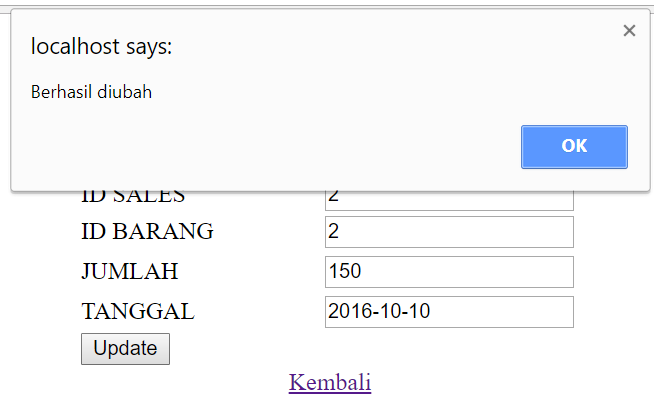
|  |
| --- |
| <?php  /\*  \* PHP SOAP - How to create a SOAP Server and a SOAP Client  \*/  $options = array('location' => 'http://localhost/projekUAS/server\_pusat/crud/soapServer.php',  'uri' => 'http://localhost/projekUAS/server\_pusat/crud/', "trace" => 1);  //create an instante of the SOAPClient (the API will be available)  $id\_transaksi = $\_GET['id'];  try {  $client = new SoapClient(null, $options);  $tran = $client->bacaUbah($id\_transaksi);  foreach ($tran as $item) {  $id\_transaksi = $item['id\_transaksi'];  $id\_kantor\_cab = $item['id\_kantor\_cab'];  $id\_sales = $item['id\_sales'];  $id\_barang = $item['id\_barang'];  $jumlah = $item['jumlah'];  $tanggal = $item['tanggal'];  }  } catch (SoapFault $ex) {  echo "<br>";  echo $client->\_\_getLastResponse();  }?>  <center>  <h2>Ubah Data Transaksi</h2>  <table>  <form action="update.php" method="post">  <tr>  <td>ID TRANSAKSI</td>  <td><input type="text" name="id\_transaksi" value= "<?php echo $id\_transaksi; ?>"> </td>  </tr>  <tr>  <tr>  <td>ID KANTOR CABANG</td>  <td><input type="text" name="id\_kantor\_cab" value= "<?php echo $id\_kantor\_cab; ?>"> </td>  </tr>  <tr>  <td>ID SALES</td>  <td><input type="text" name="id\_sales" value= "<?php echo $id\_sales; ?>"> </td>  </tr>  <tr>  <td>ID BARANG</td>  <td><input type="text" name="id\_barang" value="<?php echo $id\_barang; ?>"><td>  </tr>  <tr>  <tr>  <td>JUMLAH</td>  <td><input type="text" name="jumlah" value="<?php echo $jumlah; ?>"><td>  </tr>  <tr>  <tr>  <td>TANGGAL</td>  <td><input type="text" name="tanggal" value="<?php echo $tanggal; ?>"><td>  </tr>  <tr>  <td><input type="submit" value="Update"></td>  </tr>  </form>  </table>  <a href='index.php'>Kembali</a>  </center> |

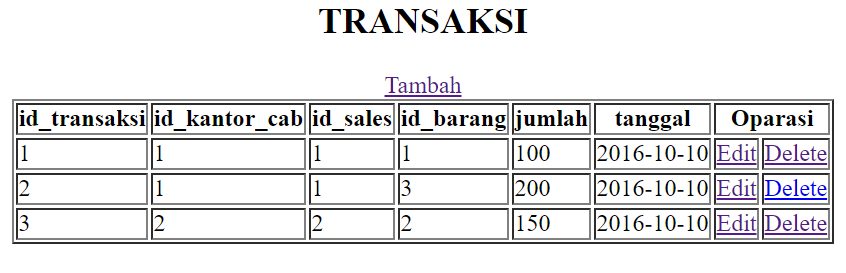
Program update.php

|  |
| --- |
| <?php  /\*  \* PHP SOAP - How to create a SOAP Server and a SOAP Client  \*/  $options = array('location' => 'http://localhost/projekUAS/server\_pusat/crud/soapServer.php',  'uri' => 'http://localhost/projekUAS/server\_pusat/crud', "trace" => 1);  try {  $client = new SoapClient(null, $options);  $id\_transaksi = $\_POST['id\_transaksi'];  $id\_kantor\_cab = $\_POST['id\_kantor\_cab'];  $id\_sales = $\_POST['id\_sales'];  $id\_barang = $\_POST['id\_barang'];  $jumlah = $\_POST['jumlah'];  $tanggal = $\_POST['tanggal'];  $komen = $client->updateData($id\_transaksi,$id\_kantor\_cab,$id\_sales,$id\_barang,$jumlah,$tanggal);  } catch (SoapFault $ex) {  echo $client->\_\_getLastResponse();  }  ?>  <script type="text/javascript">  alert('<?php echo $komen; ?>');  window.location.href='index.php';  </script> |

Scrip program ubah.php akan menangkap data yang akan di ubah, kemudian script update.php akan menangkap data tersebut dan mengirimkannya.

Hasil untuk ubah data :





Program hapus.php

|  |
| --- |
| <?php  /\*  \* PHP SOAP - How to create a SOAP Server and a SOAP Client  \*/  $options = array('location' => 'http://localhost/projekUAS/server\_pusat/crud/soapServer.php',  'uri' => 'http://localhost/projekUAS/server\_pusat/crud/', "trace" => 1);  try {  $client = new SoapClient(null, $options);  $id\_transaksi = $\_GET['id'];  $komen = $client->hapusData($id\_transaksi);  } catch (SoapFault $ex) {  echo $client->\_\_getLastResponse();  }  ?>  <script type="text/javascript">  alert('<?php echo $komen; ?>');  window.location.href='index.php';  </script> |

Script hapus.php digunakan untuk menghapus data yang dipilih untuk di hapus dan dikirimkan.

Hasil untuk hapus data :

