================================

## Program EOQ  index.php

<?php session\_start();

include('koneksi.php');

if (empty(@$\_SESSION['admin'] || @$\_SESSION['user'])) {

echo "<script>

alert('Silahkan Login Terlebih Dahulu') window.location='login.php'

</script>";

} else {

?>

<!DOCTYPE html>

<!--

This is a starter template page. Use this page to start your new project from

scratch. This page gets rid of all links and provides the needed markup only.

-->

<html lang="en">

<head>

<?php include('component/head.php') ?>

</head>

<body class="hold-transition sidebar-mini">

<div class="wrapper">

<!-- Navbar -->

<?php include('component/navbar.php') ?>

<!-- /.navbar -->

<!-- Main Sidebar Container -->

<?php include('component/sidebar.php') ?>

<!-- Content Wrapper. Contains page content -->

<?php include('content.php') ?>

<!-- /.content-wrapper -->

<!-- Main Footer -->

<?php include('component/footer.php') ?>

</div>

<!-- ./wrapper -->

<!-- REQUIRED SCRIPTS -->

<?php include('component/script.php') ?>

</body>

</html>

<?php } ?>

================================

## Program EOQ  invoice.php

<?php include('koneksi.php');

$id = $\_GET['id'];

$data = $koneksi->query("SELECT

\* FROM tbl\_barang WHERE barang\_id = '$id'")->fetch\_assoc();

?>

<body onLoad="javascript:window:print()"

>

<link href="ui/css/cerulean.min.css" rel="stylesheet">

<div align="center"><strong><b>SISTE M STOK BARANG

TOKO</strong><br />

<div align="center"><strong><b>PADA TOKO PRIMA</strong><br />

<div align="center"><strong><b>PERU MAHAN ALINDA KENCANA 1

PERMAI</strong><br />

<div align="center"><strong><b>MENG GUNAKAN METODE

EOQ</strong><br />

<div align="center"><strong><b>

</strong><b r />

<div align="left">

<font size="4">HAL : Laporan EOQ

<b><?= $data['barang\_nama']

?></b></font></strong><br />

</div>

<p>

</p>

</div>

<div class="panel-

body">

<center>

<div class="container mt-5" id="abc">

<div>

<h3>#1

Mencari Nilai pertahun</h3>

<h5>

<ul>

<li>Demand</li>

D =

Permintaan per Bulan x Satu Tahun.

<br>

= <?=

$data['permintaan'] ?> X 12 <br>

= <?=

$data['permintaan'] \* 12 ?>

<li>Setup</li>

<br><br>

S =

=

&#8730; 2. <?= $data['permintaan']

\* 12 ?> . <?= $data['permintaan'] \*

$data['harga'] ?> : <?= $data['biaya']

Permintaan per Bulan x Harga per Satuan. <br>

= <?=

$data['permintaan'] ?> X <?=

$data['harga'] ?> <br>

= <?=

$data['permintaan'] \* $data['harga']

?>

<br><br>

<li>Holding</li>

H =

Biaya Penyimpanan x Satu Tahun.

<br>

= <?=

$data['biaya'] ?> X 12 <br>

= <?=

$data['biaya'] \* 12 ?>

</ul>

</h5>

<br>

<h3>#2 Proses Perhitungan EOQ</h3>

<h5>

<ul>

EOQ =

&#8730; 2.D.S : H <br>

\* 12 ?> <br>

=

&#8730; <?= (2 \*

($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12)

?> <br>

= <b>

<?= round(sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12))) ?></b>

</ul>

</h5>

<br>

<h3>#3 Proses Mencari Frekuensi Pembelian Optimal</h3>

<h5>

<ul>

n = Permintaan per Bulan : EOQ <br>

= <?=

$data['permintaan'] ?> : <?= sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12)) ?> <br>

= <?=

($data['permintaan'] \* 12) / sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12)) ?> x dalam Satu Tahun

<br><br> T =

Jumlah Hari Dalam Tahun / n <br>

= 360 /

<?= ($data['permintaan'] \* 12) / sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12)) ?> <br>

= <?=

360 / (($data['permintaan'] \* 12) / sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12))) ?> Hari sekali

</ul>

</h5>

<br>

<h3>#4 Proses Mencari Inventory Cost</h3>

<h5>

<ul>

TC = ( (EOQ : 2) \* H) + ( (D:EOQ) \* S ) )

<br>

= ( (<?=

sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \*

12)) ?> : 2) \* <?= $data['biaya'] ?> )

+ ( (<?= $data['permintaan'] ?> : <?= sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12)) ?> ) \* <?= $data['permintaan'] \*

$data['harga'] ?> ) <br>

<?php

$eoq = sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12));

$H =

$data['biaya'];

$D =

$data['permintaan'];

$S =

$data['permintaan'] \* $data['harga'];

?>

= <b>

<?= number\_format((($eoq / 2) \*

$H) + ($D / $eoq \* $S)) ?> Rupiah

</b>

</ul>

</h5>

<br>

<!--

<h3><b>Kesimpulan</b></h3>

<h5>

<ul>

Maka dapat disimpulkan bahwa Toko Prima harus mengorder barang <b> <?= round(sqrt((2 \* ($data['permintaan']

* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12))) ?> Kg <?=

$data['barang\_nama'] ?> </b>dalam sekali Order & Melakukan <b><?= round(($data['permintaan'] \* 12) / sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12))) ?> Kali</b> Order dalam Satu Tahun. Agar dapat meminimalisir Peyetokan barang yang berlebihan.

</ul>

</h5> -->

</div>

<a href="invoice.php?id=<?php echo

$id ?>" class="btn btn-success btn- block">Cetak Data</a>

<a href="?page=pages/hitung/index" class="btn btn-danger btn- block">Kembali</a>

</div>

<div>

<table border="1" class="table table- stripped ml-5 mt-5">

<tr>

<th>-

Demand</th>

<th

width='50'>:</th>

<td> <?=

$data['permintaan'] \* 12 ?></td>

</tr>

<tr>

<th>-

Setup</th>

<th

width='50'>:</th>

<td>Rp.

<?=

number\_format($data['permintaan'] \*

$data['harga']) ?></td>

</tr>

<tr>

<th>-

Holding</th>

width='50'>:</th>

<th

<td>Rp.

Stok Per Hari</th>

<th>- Order

<th

<?= number\_format($data['biaya'] \* 12) ?></td>

width='50'>:</th>

<td><?=

|  |  |  |
| --- | --- | --- |
|  | </tr> | round(360 / (($data['permintaan'] \* |
| <tr> | 12) / sqrt((2 \* ($data['permintaan'] \* |
| <th>- | 12) \* ($data['permintaan'] \* |
| EOQ</th> |  | $data['harga'])) / ($data['biaya'] \* |
|  | <th | 12)))) ?> Hari Sekali </td> |
| width='50'>:</th> |  | </tr> |
|  | <td><?= | <tr> |

round(sqrt((2 \* ($data['permintaan']

* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12))) ?> Kg</td>

</tr>

Iventory Cost</th> width='50'>:</th>

<th>-

<th

<td>Rp.

<tr>

<th>- Order Stok Optimal per Tahun</th>

<th

width='50'>:</th>

<td><?=

round(($data['permintaan'] \* 12) / sqrt((2 \* ($data['permintaan'] \* 12) \* ($data['permintaan'] \*

$data['harga'])) / ($data['biaya'] \* 12))) ?> Kali Dalam Setahun </td>

</tr>

<tr>

<?= number\_format((($eoq / 2) \*

$H) + ($D / $eoq \* $S)) ?> Rupiah

</td>

</tr>

</table>

</div>

</center>

</div>

<p></p>

<br>

<br>

<div style="width:300px;float:right">

align:left">

<div style="text-

&emsp; Bekasi,

],

datasets: [{

fillColor:

<?php echo date("d-M-Y") ?>

<br

/>&emsp;&emsp;&emsp;&emsp;Pi mpinan

<br>

<br>

<br>

<br>

<p>&emsp;&emsp;&emsp;Toko Uni Prima<br /></p>

</div>

</div>

</div>

<!-- <script>

var randomScalingFactor = function() {

return Math.round(Math.random() \* 100)

};

var barChartData = { labels: [

<?php

for ($i = 0; $i < $a;

$i++) {

echo '"' .

$alt\_name[$i] . '",';

}

?>

"rgba(0,0,255,0.75)",

strokeColor: "rgba(220,220,220,0.8)",

highlightFill: "rgba(0,128,255,0.75)",

highlightStroke: "rgba(220,220,220,1)",

data: [

<?php

for ($i = 0; $i < $a;

$i++) {

echo $v[$i] . ',';

}

?>

]

},

/\*{

fillColor : "rgba(151,187,205,0.5)",

strokeColor : "rgba(151,187,205,0.8)",

highlightFill : "rgba(151,187,205,0.75)",

highlightStroke : "rgba(151,187,205,1)",

data : [randomScalingFactor(),randomScali ngFactor(),randomScalingFactor(),ra

ndomScalingFactor(),randomScaling Factor(),randomScalingFactor(),rand omScalingFactor()]

}\*/

]

}

window.onload = function() { var ctx =

document.getElementById("canvas")

.getContext("2d");

window.myBar = new Chart(ctx).Bar(barChartData, {

responsive: true

});

}

</script> -->

</div>

</body>

<script> abc =

document.getElementById('abc'); abc.hidden = true;

</script>