

ภาคผนวก ก

โครงการออกแบบอินเทอร์เน็ตเฟสระบบจัดเก็บข้อมูลจราจรทางคอมพิวเตอร์

ด้วยเทคนิคระบุผู้ใช้งาน

```

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
<html><head>

<style>
A:link { color: silver; text-decoration:none}
A:visited {color: silver;; text-decoration: none}
A:hover {color: silver;}
</style>
<link href="TableCSSCode.css" rel="stylesheet" type="text/css">
<style type="text/css">
body {
    background-image: url(bg.png);
}
</style>
<link href="bootstrap.min.css" rel="stylesheet" type="text/css">
<meta content="text/html; charset=utf-8" http-equiv="Content-
Type"><title>Report</title></head><body>
<table border="0" cellpadding="2" cellspacing="2" class="btn-success" style="text-align: left;
width: 100%;">

<tbody>
<tr align="center">
<td style="vertical-align: top;">
<h1><span style="color: rgb(0, 0, 153);">TCPDUMP</span></h1>
</td>
</tr>
</tbody>
</table>
<form name="frm1" action="Report.php" method="post">

```

```
<table border="0" cellpadding="1" cellspacing="2" class="alert-success" style="text-align: left;
width: 100%;">
```

```
<tbody>
```

```
<tr>
```

```
<td width="365" style="vertical-align: top; width: 200px;"><br>
```

```
</td>
```

```
<td width="235" style="vertical-align: top; width: 95px;"><br>
```

```
</td>
```

```
<td width="326" style="vertical-align: top; text-align: left; width: 155px;">From</td>
```

```
<td width="320" style="vertical-align: top; width: 152px; text-align: left;">To<br>
```

```
</td>
```

```
<td width="396" style="vertical-align: top; width: 200px;"><br>
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td style="vertical-align: top; width: 200px;"><br>
```

```
</td>
```

```
<td style="vertical-align: top; width: 95px; text-align: right;">DATE<br>
```

```
</td>
```

```
<td style="vertical-align: top; width: 155px;"><input name="s_date1"> * 2014-09-23
```

```
15:30:02<br>
```

```
</td>
```

```
<td style="vertical-align: top; width: 152px;"><input name="s_date2"> * 2014-09-23
```

```
15:30:02</td>
```

```
<td style="vertical-align: top; width: 200px;"><br>
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td style="vertical-align: top; width: 200px;"><br>
```

```

</td>
<td style="vertical-align: top; width: 95px; text-align: right;">MAC_SERVER<br>
</td>
<td style="vertical-align: top; width: 155px;"><input name="s_mac1"> * 08-00-27-A0-53-
E4</td>
<td style="vertical-align: top; width: 152px;"><br>
</td>
<td style="vertical-align: top; width: 200px;"><br>
</td>
</tr>
<tr>
<td style="vertical-align: top; width: 200px;"><br>
</td>
<td style="vertical-align: top; width: 95px; text-align: right;">MAC_CLIENT<br>
</td>
<td style="vertical-align: top; width: 155px;"><input name="s_mac2"> * 08-00-27-09-0E-
BD</td>
<td style="vertical-align: top; width: 152px;"><br>
</td>
<td style="vertical-align: top; width: 200px;"><br>
</td>
</tr>
<tr>
<td style="vertical-align: top; width: 200px;"><br>
</td>
<td style="vertical-align: top; width: 95px; text-align: right;">SOURCE_IP<br>
</td>
<td style="vertical-align: top; width: 155px;"><input name="s_ip2"> * 10.0.0.1</td>
<td style="vertical-align: top; width: 152px;"><br>
</td>

```

```

<td style="vertical-align: top; width: 200px;"><br>
</td>
</tr>
<tr>
<td style="vertical-align: top;"><br>
</td>
<td style="vertical-align: top; text-align: right;">DESTINATION_IP<br>
</td>
<td style="vertical-align: top;"><input name="s_ip2"> * 192.168.1.1</td>
<td style="vertical-align: top;"><br>
</td>
<td style="vertical-align: top;"><br>
</td>
</tr>
<tr>
<!-- <td style="vertical-align: top;"><br>
</td>
<td style="vertical-align: top; text-align: right;">URL<br>
</td>
<td style="vertical-align: top;"><input name="s_url"> * Google.com</td>
<td style="vertical-align: top;"><br>
</td>
<td style="vertical-align: top;"><br>
</td> -->
</tr>
<tr>
<td style="vertical-align: top;"><br>
</td>
<td style="vertical-align: top; text-align: right;">USER<br>
</td>

```

```

<td style="vertical-align: top;"><input name="s_user" * tana</td>
<td style="vertical-align: top;"><br>
</td>
<td style="vertical-align: top;"><br>
</td>
</tr>
</tbody>
</table>

<br>

<table border="0" cellpadding="1" cellspacing="2" style="text-align: left; width: 100%;">

<tbody>
<tr>
<td style="vertical-align: top;"><br>
</td>
<td style="vertical-align: top; text-align: center;"><button type="submit">SEARCH!<br>
</td>
<td style="vertical-align: top;"><br>
</td>
</tr>
</tbody>
</table>
</form>

<br>
<?
$where1="date1";

```

```
$s_date1=$_REQUEST['s_date1'];  
$s_date2=$_REQUEST['s_date2'];  
$s_mac1=$_REQUEST['s_mac1'];  
$s_mac2=$_REQUEST['s_mac2'];  
$s_ip1=$_REQUEST['s_ip1'];  
$s_ip2=$_REQUEST['s_ip2'];  
$s_url=$_REQUEST['s_url'];  
$s_user=$_REQUEST['s_user'];  
$where1=$_REQUEST['where1'];
```

```
if (trim($s_mac1)){  
$search=$s_mac1;  
$where1="mac1"; }  

```

```
if (trim($s_mac2)){  
$search=$s_mac2;  
$where1="mac2";  
}
```

```
if (trim($s_ip1)){  
$search=$s_ip1;  
$where1="ip1";  
}
```

```
if (trim($s_ip2)){  
$search=$s_ip2;  
$where1="ip2";  
}
```

```
if (trim($s_url)){  
$search=$s_url;  
$where1="domain1";
```

```

}
if (trim($s_user)){
$search=$s_user;
$where1="user";
}
//echo "search = $search ,where=$where1";
?>
<?php
mysql_connect("localhost","root","123456") or die (mysql_error());
mysql_select_db("tcpdump") or die (mysql_error());
mysql_query("SET NAMES UTF8");

////////// QUERY THE MEMBER DATA INITIALLY LIKE YOU NORMALLY WOULD

if (trim($search)or trim($s_date1) or trim($s_date2)) {
if (trim($search)and trim($s_date1) and trim($s_date2))
{
$sql = mysql_query( "SELECT * FROM mydump where ($where1 like '$search' )and ('$s_date1'
<= date1 <='$s_date2' ) ORDER BY id ASC" ); //ASC ,DESC
//echo "all";
}
if (!trim($search)and trim($s_date1) and trim($s_date2))
{
$sql = mysql_query( "SELECT * FROM mydump where ('$s_date1' <= date1 <='$s_date2' )
ORDER BY id ASC" ); //ASC ,DESC
//echo "d1+d2";
}
}

```

```

}
if (trim($search)and !trim($s_date1) and trim($s_date2))
{
$sql = mysql_query( "SELECT * FROM mydump where ($where1 like '$search' )and (date1
<='$s_date2' )ORDER BY id ASC" );//ASC ,DESC
//echo "s+d2";
}
if (trim($search)and trim($s_date1) and !trim($s_date2))
{
$sql = mysql_query( "SELECT * FROM mydump where ($where1 like '$search' ) and
('$s_date2'<= date1) ORDER BY id ASC" );//ASC ,DESC
//echo "s+d1";
}
if (!trim($search)and !trim($s_date1) and trim($s_date2))
{
$sql = mysql_query( "SELECT * FROM mydump where date1 <='$s_date2' ORDER BY id
ASC" );//ASC ,DESC
//echo "d2";
}
if (!trim($search)and trim($s_date1) and !trim($s_date2))
{
$sql = mysql_query( "SELECT * FROM mydump where date1 >='$s_date1' ORDER BY id
ASC" );//ASC ,DESC
//echo "d1";
}
if (trim($search)and !trim($s_date1) and !trim($s_date2))
{
$sql = mysql_query( "SELECT * FROM mydump where ($where1 like '$search' ) ORDER BY id
ASC" );//ASC ,DESC
//echo "s_only";
}

```

```

}

////////////////////////////////////// Pagination Logic ////////////////////////////////////////

$nr = mysql_num_rows($sql); // Get total of Num rows from the database query
if (isset($_GET['pn'])) { // Get pn from URL vars if it is present
    $pn = preg_replace('#[^0-9]#i', '', $_GET['pn']); // filter everything but numbers for
security(new)

    //$pn = ereg_replace("[^0-9]", "", $_GET['pn']); // filter everything but numbers for
security(deprecated)
} else { // If the pn URL variable is not present force it to be value of page number 1
    $pn = 1;
}

//This is where we set how many database items to show on each page
$itemsPerPage = 20;

// Get the value of the last page in the pagination result set
$lastPage = ceil($nr / $itemsPerPage);

// Be sure URL variable $pn(page number) is no lower than page 1 and no higher than $lastpage
if ($pn < 1) { // If it is less than 1
    $pn = 1; // force if to be 1
} else if ($pn > $lastPage) { // if it is greater than $lastpage
    $pn = $lastPage; // force it to be $lastpage's value
}

// This creates the numbers to click in between the next and back buttons
// This section is explained well in the video that accompanies this script
$centerPages = "";
$sub1 = $pn - 1;
$sub2 = $pn - 2;
$add1 = $pn + 1;
$add2 = $pn + 2;

$add3=$search;

```

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$add4=$where1;
$add5=$s_date1;
$add6=$s_date2;

if ($pn == 1) {
    $centerPages .= '&nbsp; <span class="pageNumActive">' . $pn . '</span> &nbsp;';
    $centerPages .= '&nbsp; <a href="" . $_SERVER['PHP_SELF'] . '?pn=' . $add1 . '&search=' .
    $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . "">' . $add1 . '</a>
    &nbsp;';
} else if ($pn == $lastPage) {
    $centerPages .= '&nbsp; <a href="" . $_SERVER['PHP_SELF'] . '?pn=' . $sub1 . '&search=' .
    $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . "">' . $sub1 . '</a>
    &nbsp;';
    $centerPages .= '&nbsp; <span class="pageNumActive">' . $pn . '</span> &nbsp;';
} else if ($pn > 2 && $pn < ($lastPage - 1)) {
    $centerPages .= '&nbsp; <a href="" . $_SERVER['PHP_SELF'] . '?pn=' . $sub2 . '&search=' .
    $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . "">' . $sub2 . '</a>
    &nbsp;';
    $centerPages .= '&nbsp; <a href="" . $_SERVER['PHP_SELF'] . '?pn=' . $sub1 . '&search=' .
    $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . "">' . $sub1 . '</a>
    &nbsp;';
    $centerPages .= '&nbsp; <span class="pageNumActive">' . $pn . '</span> &nbsp;';
    $centerPages .= '&nbsp; <a href="" . $_SERVER['PHP_SELF'] . '?pn=' . $add1 . '&search=' .
    $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . "">' . $add1 . '</a>
    &nbsp;';
    $centerPages .= '&nbsp; <a href="" . $_SERVER['PHP_SELF'] . '?pn=' . $add2 . '&search=' .
    $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . "">' . $add2 . '</a>
    &nbsp;';
} else if ($pn > 1 && $pn < $lastPage) {

```

```

$centerPages .= '&nbsp; <a href="' . $_SERVER['PHP_SELF'] . '?pn=' . $sub1 . '&search=' .
$add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . '"'>' . $sub1 . '</a>
&nbsp;';

$centerPages .= '&nbsp; <span class="pageNumActive">' . $pn . '</span> &nbsp;';

$centerPages .= '&nbsp; <a href="' . $_SERVER['PHP_SELF'] . '?pn=' . $add1 . '&search=' .
$add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . '"'>' . $add1 . '</a>
&nbsp;';
}

// This line sets the "LIMIT" range... the 2 values we place to choose a range of rows from
database in our query
$limit = 'LIMIT ' . ($pn - 1) * $itemsPerPage . ',' . $itemsPerPage;

// Now we are going to run the same query as above but this time add $limit onto the end of the
SQL syntax

// $sql2 is what we will use to fuel our while loop statement below
if (trim($search)and trim($s_date1) and trim($s_date2)){
$sql2 = mysql_query( "SELECT * FROM mydump where ($where1 like '$search' )and
('$s_date1' <= date1 <='$s_date2' ) ORDER BY id ASC $limit" );
}

if (!trim($search)and trim($s_date1) and trim($s_date2)){
$sql2 = mysql_query( "SELECT * FROM mydump where ('$s_date1' <= date1 <='$s_date2'
)ORDER BY id ASC $limit" );
}

if (trim($search)and !trim($s_date1) and trim($s_date2)){
$sql2 = mysql_query( "SELECT * FROM mydump where($where1 like '$search' )and (date1
<='$s_date2' )ORDER BY id ASC $limit" );
}

if (trim($search)and trim($s_date1) and !trim($s_date2)){
$sql2 = mysql_query( "SELECT * FROM mydump where ($where1 like '$search' )and
('$s_date1'<= date1)ORDER BY id ASC $limit" );
}
}

```

```

if (!trim($search)and !trim($s_date1) and trim($s_date2)){
    $sql2 = mysql_query( "SELECT * FROM mydump where date1 <='$s_date2' ORDER BY id
    ASC $limit" );
}
if (!trim($search)and trim($s_date1) and !trim($s_date2)){
    $sql2 = mysql_query( "SELECT * FROM mydump where date1 >='$s_date1' ORDER BY id
    ASC $limit" );
}
if (trim($search)and !trim($s_date1) and !trim($s_date2)){
    $sql2 = mysql_query( "SELECT * FROM mydump where ($where1 like '$search') ORDER BY
    id ASC $limit" );
}
////////////////////////////////// END Pagination Logic
//////////////////////////////////
////////////////////////////////// Pagination Display Setup
//////////////////////////////////
$paginationDisplay = ""; // Initialize the pagination output variable
// This code runs only if the last page variable is ot equal to 1, if it is only 1 page we require no
// paginated links to display
if ($lastPage != "1"){
    // This shows the user what page they are on, and the total number of pages
    $paginationDisplay .= 'Page <strong>' . $pn . '</strong> of ' . $lastPage . '&nbsp; &nbsp;
    &nbsp;';
    // If we are not on page 1 we can place the Back button
    if ($pn != 1) {
        $previous = $pn - 1;
        $paginationDisplay .= '&nbsp; <a href="' . $_SERVER['PHP_SELF'] . '?pn=' . $previous .
        '&search=' . $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . '> Back</a>
        ';
    }
}

```

```

// Lay in the clickable numbers display here between the Back and Next links
$paginationDisplay .= '<span class="paginationNumbers">' . $centerPages . '</span>';
// If we are not on the very last page we can place the Next button
if ($pn != $lastPage) {
    $nextPage = $pn + 1;
    $paginationDisplay .= '&nbsp; <a href="' . $_SERVER['PHP_SELF'] . '?pn=' . $nextPage .
'&search=' . $add3 . '&where1=' . $add4 . '&s_date1=' . $add5 . '&s_date2=' . $add6 . '"> Next</a>
';
}
}

////////// END Pagination Display Setup
//////////

// Build the Output Section Here
}
?>
<table
border="0" cellpadding="2" cellspacing="2" class="btn-success"
style="text-align: left; width: 100%; margin-left: auto; margin-right: auto;">
<tbody>
<tr>
<td style="vertical-align: top; text-align: center;"> จำนวนข้อมูล = <? echo $nr;?></td>
</tr>
</tbody>
</table>
<div class="alert-success" style="width: 90%; margin-left: auto; margin-right: auto;
padding: 6px; background-color: #FFF; border: #999 1px solid;"><?php echo $paginationDisplay;
?></div>
<br>
<table
border="1" cellpadding="2" cellspacing="2" class="btn-success"

```

```
style="text-align: left; width: 100%; margin-left: auto; margin-right: auto;">
<tbody>

<tr>
<td style="vertical-align: top; width: 72px;">Date<br>
</td>
<td style="vertical-align: top; width: 50px;">Flags<br>
</td>
<td style="vertical-align: top; width: 80px;">Tos<br>
</td>
<td style="vertical-align: top; width: 40px;">TTL<br>
</td>
<td style="vertical-align: top; width: 70px;">Mac_Ser<br>
</td>
<td style="vertical-align: top; width: 70px;">Mac_Cli<br>
</td>
<td style="vertical-align: top; width: 50px;">Source_IP<br>
</td>
<td style="vertical-align: top; width: 50px;">Dest_IP<br>
</td>
<td style="vertical-align: top; width: 60px;">Re_Code<br>
</td>
<td style="vertical-align: top; width: 110px;">Domain<br>
</td>
<td style="vertical-align: top; width: 130px;">Url<br>
</td>
<td style="vertical-align: top; width: 30px;">User<br>
</td>
</tr>
```

```

<?
if ($nr>0){
while($row = mysql_fetch_array($sql2)){
    $x0=$row["x0"];
    $x1=$row["x1"];
    $x2 = $row["x2"];
        $x3 = $row["x3"];
        $x4=$row["x4"];
    $x5 = $row["x5"];
        $x6 = $row["x6"];
        $x7=$row["x7"];
    $x8 = $row["x8"];
        $x9 = $row["x9"];
        $date1 = $row["date1"];
        $domain1 = $row["domain1"];
        $mac1 = $row["mac1"];
        $mac2 = $row["mac2"];
        $ip1 = $row["ip1"];
        $ip2 = $row["ip2"];
        $user = $row["user"];
?>
<tr>
<td style="vertical-align: top; width: 72px;"><?echo $date1?><br>
</td>
<td style="vertical-align: top; width: 50px;"><?echo $x6?><br>
</td>
<td style="vertical-align: top; width: 80px;"><?echo $x2?><br>
</td>
<td style="vertical-align: top; width: 40px;"><?echo $x3?><br>
</td>

```

```

<td style="vertical-align: top; width: 70px;"><?echo $mac1?><br>
</td>
<td style="vertical-align: top; width: 70px;"><?echo $mac2?><br>
</td>
<td style="vertical-align: top; width: 50px;"><?echo $ip1?><br>
</td>
<td style="vertical-align: top; width: 50px;"><?echo $ip2?><br>
</td>
<td style="vertical-align: top; width: 60px;"><?echo $x7?><br>
</td>
<td style="vertical-align: top; width: 110px;"><?echo $domain1?><br>
</td>
<td style="vertical-align: top; width: 130px;"><?echo $x10?><br>
</td>
<td style="vertical-align: top; width: 30px;"> <?echo $user?><br>
</td>
</tr>
</tbody>
<?
}
?>
</table>
<br>

```

```

<div style="width: 90%; margin-left: auto; margin-right: auto; padding:6px; background-
color:#FFF; border:#999 1px solid;"><?php echo $paginationDisplay; ?></div>
<?}?>
</body>
<br>
</html>

```