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| --- | --- |
| **PROJECT NAME** | Auto Generating Invoices For Export X-Ray Services and manual inspection services. |

| Version Number | Change Request No | Affected system | Date | Author/Owner | Developer  Name | Description of Change | Implemented Objects (DB) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1.0 | SR117720 | EXPRESS | 24/12/2018 |  | Abdelsalam Mustafa | New project |  |
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|  |  |  |  |  |  |  |  |

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| --- |
| **PROJECT** |
| **OVERVIEW | *high-level information describing proposed solution and business reasoning*** |
| * Create a Procedure on DB for Auto Generating Invoices for Export X-Ray Services.   + Shipping lines assign booking to trucker   + Trucker use booking to inquire containers need to X-Ray Service and select containers   + The selected containers takes X-Ray service without any hold   + Invoice will create directly by QTY X rate and deduct invoice from trucker. * Create a Procedure on DB for Auto Generating Invoices for Export manual inspection Services.   + Trucker use booking to inquire containers need to manual inspection Service and select containers   + The selected containers takes manual inspection service without any hold   + Invoice will create directly by QTY X rate and deduct invoice from trucker LG |
| **OBJECTIVE | what *does the project work to achieve?*** |
| Saving time by automating the generation of Export X-Ray Services invoices and Export manual inspection Services invoices |
| **BUSINESS CASE | what *is the problem being solved? Who / what is impacted? What are the business benefits?*** |
| Creating invoices manual referring to mails sent.  Customer Service, Finance and External Customers are the impacted persons.  The benefits are saving time automating the generation of Export X-Ray Services invoices and Export manual inspection Services invoices. |
| **RISKS | what *are the identified or considered risks?*** |
| Data loss which is handled using backups.  Server down and is handled by using the load balancer on servers. |
| **OUT OF SCOPE | what *activities, items, and capabilities are out of scope for the project?*** |
|  |

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| --- |
| **SERVER REQUESTS** |
| **List required server needs, file names, or attached completed request forms.** |
| * Server:   + 2 servers with latest version of .NET framework and latest version of ORACLE client. Load balancer concept need to be implemented to handle the server failure. |
| **ACCESS REQUIREMENTS** |
| **Define number of users requiring simultaneous access, and list user communities (developers, IT, vendors, etc.).** |
| Only External Customers (Truckers) users will use the system |
| **DATABASES** |
| **Describe each database required and its function. Include database version required, Oracle or SQL server, memory requirements, CPU requirements, storage amount needed in first year in GB, projected annual growth in % or GB, expected transaction volume, special data preservation requirements, and tech spec data sheet if available.** |
| * Operating System: Windows Server 2012 R2 Standard. * Processor: Intel® Xeon® CPU E5-2690 v4 @ 2.60 GHz (4 Processors) * RAM: 32.0 GB * DB Client: ORACLE 12 - 4.122.1.0 * .NET Framework: 4.5.2 or greater. |

**Old Source Code:**

There’s no old code for this system as it’s a new project.

**New Source Code:**

***Web Application:***

1. ***xray-export.aspx***

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage-SubPages.master" AutoEventWireup="true" CodeFile="xray-import.aspx.cs" Inherits="xray\_import" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1" runat="Server">

<script type="text/javascript" src="scripts/jquery-timing.min.js"></script>

<div class="w3-container w3-content" style="max-width: 1500px;">

<br />

<div class="w3-row">

<div class="w3-col m12">

<div class="w3-container w3-card-2 w3-white w3-round w3-margin w3-padding">

<div class="w3-margin w3-padding">

<div class="w3-row w3-grey w3-light-grey">

<br />

<div id="deliverImport-Div" class="w3-container type">

<div class="w3-row w3-red">

<div class="w3-third w3-red " style="height: 45px">

<br />

</div>

<div class="w3-twothird w3-wide w3-red" style="text-align: right; height: 45px">

<a id="saveXray" title="Save X-Ray Import" href="javascript:void(0);" class="w3-btn w3-red w3-hover-light-gray" style="width: 150px">SAVE <i class="fa fa-floppy-o" aria-hidden="true" style="font-size: x-large"></i></a>

&nbsp;

<a id="resetXray" title="Clear all" href="javascript:void(0);" class="w3-btn w3-red w3-hover-light-gray" style="width: 150px">RESET <i class="fa fa-eraser" aria-hidden="true" style="font-size: x-large"></i></a>

&nbsp;&nbsp;

</div>

</div>

<table class="w3-table-all" style="border: none; border-bottom: none">

<tr>

<td style="width: 15%; text-align: right; padding-top: 15px">

<label class="w3-label">

<i style="color: red">\* </i>Line

</label>

</td>

<td colspan="3" style="width: 40%">

<input id="line" type="text" class="w3-input w3-border w3-round-large" style="width: 100%" />

</td>

<td style="width: 5%">&nbsp;

</td>

<td colspan="2" style="text-align: left">&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;

</td>

<td style="width: 5%"></td>

</tr>

<tr>

<td style="width: 15%; text-align: right; padding-top: 15px">

<label class="w3-label">

<i style="color: red">\* </i>Bills of Lading

</label>

</td>

<td colspan="3" style="width: 40%">

<input id="bl" type="text" class="w3-input w3-border w3-round-large" style="width: 100%" />

</td>

<td style="width: 5%">&nbsp;

</td>

<td colspan="2" style="text-align: left">&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;

</td>

<td style="width: 5%"></td>

</tr>

</table>

<br />

<div class="w3-row w3-padding">

<table class="w3-table-all" style="width: 100%">

<thead>

<tr class="w3-blue">

<th style="width: 10%">SN#</th>

<th style="width: 20%">Container No.</th>

<th>

<input type="checkbox" id="selectAll" /></th>

<th></th>

</tr>

</thead>

<tbody id="ContainerTbody">

<tr>

<td colspan="4" class="w3-center"><em>no data to be displayed</em> </td>

</tr>

</tbody>

</table>

</div>

</div>

</div>

<br />

<p id="list" style="display: none"></p>

</div>

</div>

<br />

<br />

<br />

<br />

</div>

</div>

</div>

<div id="loading\_div" class="w3-modal">

<div class="w3-modal-content w3-card-8" style="width: 200px">

<div class="w3-container">

<div class="w3-row" style="text-align: center">

<br />

<img src="images/spinner.gif" width="40%" />

</div>

<div class="w3-row" style="text-align: center">

<p style="font-size: large; color: midnightblue">Loading ...</p>

</div>

</div>

</div>

</div>

<div id="line\_lov\_div" class="w3-modal">

<div class="w3-modal-content w3-card-8">

<header class="w3-container w3-theme-l1">

<span onclick="document.getElementById('line\_lov\_div').style.display = 'none'"

class="w3-closebtn">&times;</span>

<h2>Line</h2>

</header>

<div class="w3-container">

<table class="w3-table w3-striped w3-bordered w3-card-4">

<thead>

<tr id="filters" class="w3-blue">

<th><i class="fa fa-filter fa-fw " style="height: 40px"></i></th>

<th>

<input class="w3-input w3-white" id="lineFilter" type="text" />

</th>

<th></th>

</tr>

<tr class="w3-blue">

<th>-</th>

<th>Line</th>

<th>Name</th>

</tr>

</thead>

<tbody id="lineTbody">

<tr>

<td colspan="3" style="text-align: center"><i>No data to be shown ...</i></td>

</tr>

</tbody>

</table>

</div>

<footer class="w3-container w3-theme-l1">

<p></p>

</footer>

</div>

</div>

<div id="bl\_lov\_div" class="w3-modal">

<div class="w3-modal-content w3-card-8">

<header class="w3-container w3-theme-l1">

<span onclick="document.getElementById('bl\_lov\_div').style.display = 'none'"

class="w3-closebtn">&times;</span>

<h2>Bills of Lading</h2>

</header>

<div class="w3-container">

<table class="w3-table w3-striped w3-bordered w3-card-4">

<thead>

<tr id="filters" class="w3-blue">

<th><i class="fa fa-filter fa-fw " style="height: 40px"></i></th>

<th>

<input class="w3-input w3-white" id="blFilter" type="text">

</th>

</tr>

<tr class="w3-blue">

<th>-</th>

<th>Bill of Lading</th>

</tr>

</thead>

<tbody id="blTbody">

<tr>

<td colspan="3" style="text-align: center"><i>No data to be shown ...</i></td>

</tr>

</tbody>

</table>

</div>

<footer class="w3-container w3-theme-l1">

<p></p>

</footer>

</div>

</div>

<script>

function openDiv(evt, divName) {

var i, x, tablinks;

x = document.getElementsByClassName("type");

for (i = 0; i < x.length; i++) {

x[i].style.display = "none";

}

tablinks = document.getElementsByClassName("tablink");

for (i = 0; i < x.length; i++) {

tablinks[i].className = tablinks[i].className.replace(" w3-border-red", "");

tablinks[i].className = tablinks[i].className.replace(" w3-light-grey", "");

}

document.getElementById(divName).style.display = "block";

evt.currentTarget.firstElementChild.className += " w3-border-red";

evt.currentTarget.firstElementChild.className += " w3-light-grey";

}

</script>

<script src="scripts/xray.js"></script>

<script src="scripts/pages-script.js"></script>

<script>

$(function () {

$("#links").html("");

$("#links").append("&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a href='truck-home.aspx' class='w3-bar-item w3-left w3-text-white w3-wide w3-button'" +

" style='height: 55px;padding-top:12px'><span class='w3-hover-opacity'><i class='fa fa-home' aria-hidden='true' style='font-size: x-large'></i> &nbsp;&nbsp;HOME</span></a> <span class='w3-bar-item w3-left w3-text-white w3-wide'> &nbsp; | &nbsp;</span> " +

"<a href='xray-import.aspx' class='w3-bar-item w3-left w3-text-white w3-red w3-wide w3-button'" +

" style='height: 55px;padding-top:12px'><span class='w3-hover-opacity'>IMPORT X-RAY</span></a> <span class='w3-bar-item w3-left w3-text-white w3-wide'> &nbsp; | &nbsp;</span>" +

"<a href='xray-export.aspx' class='w3-bar-item w3-left w3-text-white w3-wide w3-button' style='height:" +

" 55px;padding-top:12px'><span class='w3-hover-opacity'>EXPORT X-RAY </span></a> ");

$("#title").html("");

$("#title").text("VAS - IMPORT X-RAY");

});

</script>

</asp:Content>

1. ***xray-export.aspx.cs***

using System;

using System.Collections.Generic;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

public partial class xray\_export : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

}

1. ***Xray.js***

var pathname = window.location.pathname;

var url\_link = window.location.href;

url\_link = url\_link.replace(pathname, "");

$(function () {

$("#user").text("Welcome " + sessionStorage.getItem('user').toString().toUpperCase());

$("#line").on("keypress", function () {

$("#loading\_div").css("display", "block");

getLines();

$("#line\_lov\_div").css("display", "block");

});

$("#line").on("mousedown", function () {

$("#loading\_div").css("display", "block");

getLines();

$("#line\_lov\_div").css("display", "block");

});

$("#bl").on("keypress", function () {

$("#loading\_div").css("display", "block");

getBLs();

$("#bl\_lov\_div").css("display", "block");

});

$("#bl").on("mousedown", function () {

$("#loading\_div").css("display", "block");

getBLs();

$("#bl\_lov\_div").css("display", "block");

});

$("#lineFilter").change(function () {

$("#lineTbody tr").each(function () {

if ($(this).find(".addline").text().toLowerCase().startsWith($("#lineFilter").val().toLowerCase()) != true) {

$(this).hide();

}

else

$(this).show();

});

});

$("#blFilter").change(function () {

$("#blTbody tr").each(function () {

if ($(this).find(".addBL").text().toLowerCase().startsWith($("#blFilter").val().toLowerCase()) != true) {

$(this).hide();

}

else

$(this).show();

});

});

$("#selectAll").click(function () {

if ($("#selectAll").prop("checked") == true) {

$("#ContainerTbody > tr").each(function () {

if ($(this).css("display") != "none") {

$(this).find(".selectCont").prop("checked", true);

}

});

}

else {

$("#ContainerTbody > tr").each(function () {

if ($(this).css("display") != "none") {

$(this).find(".selectCont").prop("checked", false);

}

});

}

});

$("#saveXray").click(function () {

$("#loading\_div").css("display", "block");

$("#list").html("");

var count = 0;

var counter = 0;

$("#ContainerTbody > tr").each(function () {

if ($(this).find(".selectCont").prop("checked") == true) {

count = count + 1;

}

});

if (count > 0 && count <= 12) {

$("#ContainerTbody > tr").each($).wait(1000, function () {

var firstTD = $(this).find("td:eq(0)");

var firstTD\_val = firstTD.text();

var lastTD = $(this).find("td:eq(3)");

var lastTD\_val = lastTD.text();

if ($(this).find(".selectCont").prop("checked") == true) {

var containerNo = $(this).find(".containerNo").text();

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/addImportXray?bl=" + $("#bl").val() + "&eq\_no=" + containerNo +

"&user=" + sessionStorage.getItem('user').toString().toUpperCase() + "&user\_group=" + sessionStorage.getItem('GROUP\_ID').toString().toUpperCase();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseText;

if (xmlDoc.toLowerCase().indexOf("successfully") >= 0) {

$("#loading\_div").css("display", "none");

firstTD.html(firstTD\_val + " <i class='fa fa-check' style='color:green' aria-hidden='true'></i>");

counter = counter + 1;

$("#list").text("(" + counter + ") container(s) loaded.");

$("#list").css("display", "block");

lastTD.html("");

}

else {

firstTD.html(firstTD\_val + " <i class='fa fa-times' style='color:red' aria-hidden='true'></i>");

lastTD.html("<p style='color:red'> <strong> - </strong>" + xmlDoc + "</p>");

}

}

};

}

});

$("#loading\_div").css("display", "none");

setTimeout(function () {

snedMailXray();

}, count \* 3000);

}

else

alert("You can select from 1 to 12 containers");

});

$("#resetXray").click(function () {

$("#ContainerTbody").html("");

$("#selectAll").prop("checked", false);

$("#line").val("");

$("#bl").val("");

});

$("#resetExXray").click(function () {

$("#ContainerTbody").html("");

$("#selectAll").prop("checked", false);

$("#line").val("");

$("#bookings").val("");

});

$("#bookings").on("keypress", function () {

$("#loading\_div").css("display", "block");

getBooking();

$("#booking\_lov\_div").css("display", "block");

});

$("#bookings").on("mousedown", function () {

$("#loading\_div").css("display", "block");

getBooking();

$("#booking\_lov\_div").css("display", "block");

});

$("#bookingFilter").change(function () {

$("#bookingTbody tr").each(function () {

if ($(this).find(".selectBook").text().toLowerCase().startsWith($("#bookingFilter").val().toLowerCase()) != true) {

$(this).hide();

}

else

$(this).show();

});

});

$("#table\_booking").on("click", ".selectBook", function () {

$("#bookings").val($(this).text());

getBookingContainers();

$("#bookingFilter").val("");

$("#booking\_lov\_div").css("display", "none");

});

$("#saveExXray").click(function () {

if ($("#shipper").val().trim() != "" && $("#line").val().trim() != "" && $("#bookings").val().trim() != "") {

$("#loading\_div").css("display", "block");

$("#list").html("");

var count = 0;

var containerNo = "";

$("#ContainerTbody > tr").each(function () {

if ($(this).find(".selectCont").prop("checked") == true) {

count = count + 1;

containerNo += $(this).find(".containerNo").text() + ",";

}

});

if (count > 0 && count <= 12) {

if (containerNo.length < 240) {

if (containerNo != "") {

containerNo = containerNo.substr(0, containerNo.length - 1);

}

setTimeout(function () {

saveExXray(count, containerNo);

}, 3000);

}

else {

if (containerNo != "") {

containerNo = containerNo.substr(0, 240);

}

setTimeout(function () {

saveExXray(count, containerNo);

}, 3000);

}

}

else

alert("You can select from 1 to 12 containers");

$("#loading\_div").css("display", "none");

}

else {

alert("Please enter all the required data.");

}

});

});

function getLines() {

$("#loading\_div").css("display", "block");

$("#lineTbody").html("");

$("#bookingFilter").val("");

$("#lineREFilter").val("");

$("#lineFilter").val("");

$("#lineDMFilter").val("");

$("#bookingDMFilter").val("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getLines";

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var ID = xmlDoc.getElementsByTagName("ID");

var NAME = xmlDoc.getElementsByTagName("NAME");

try {

$(ID).each(function (i, e) {

$("#lineTbody").append("<tr><td>" + (i + 1) + "</td><td><a href='javascript:void(0);' class='addline'>" + ID[i].childNodes[0].nodeValue +

"</td><td>" + NAME[i].childNodes[0].nodeValue + "</td></tr>");

});

$("#lineFilter").focus();

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

$(".addline").click(function () {

$("#line").val($(this).text());

$("#line\_lov\_div").css("display", "none");

$("#bookingFilter").val("");

$("#lineREFilter").val("");

$("#lineFilter").val("");

$("#lineDMFilter").val("");

$("#bookingDMFilter").val("");

$("#bookings").val("");

});

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function getBLs() {

$("#loading\_div").css("display", "block");

$("#blTbody").html("");

$("#lineFilter").val("");

$("#blFilter").val("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getTruckerBillsOfLading?line=" + $("#line").val() + "&trucker=" + sessionStorage.getItem('GROUP\_ID').toString().toUpperCase();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var NBR = xmlDoc.getElementsByTagName("NBR");

try {

$(NBR).each(function (i, e) {

$("#blTbody").append("<tr><td>" + (i + 1) + "</td><td><a href='javascript:void(0);' class='addBL'>" + NBR[i].childNodes[0].nodeValue + "</td></tr>");

});

$("#blFilter").focus();

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

$(".addBL").click(function () {

$("#bl").val($(this).text());

getContainers();

$("#bl\_lov\_div").css("display", "none");

$("#lineFilter").val("");

$("#blFilter").val("");

});

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function getContainers() {

$("#loading\_div").css("display", "block");

$("#ContainerTbody").html("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getTruckerBLContainers?bl\_no=" + $("#bl").val() + "&line=" + $("#line").val() + "&trucker=" + sessionStorage.getItem('GROUP\_ID').toString().toUpperCase();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var NBR = xmlDoc.getElementsByTagName("NBR");

try {

$(NBR).each(function (i, e) {

$("#ContainerTbody").append("<tr><td>" + (i + 1) + "</td><td class='containerNo'>" + NBR[i].childNodes[0].nodeValue + "</td><td><input type='checkbox' class='selectCont' /></td><td></td></tr>");

});

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function snedMailXray() {

var count = 0;

var containers = "";

$("#ContainerTbody > tr").each(function () {

if ($(this).find("td:eq(0)").html().indexOf("green") >= 0) {

count = count + 1;

containers += $(this).find(".containerNo").text() + ", ";

}

});

if (containers != "") {

containers = containers.substr(0, containers.length - 2);

}

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/snedMailXray?containers=" + containers;

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function getBooking() {

$("#loading\_div").css("display", "block");

$("#bookingTbody").html("");

$("#bookingFilter").val("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getBooking?line=" + $("#line").val() + "&trucker=" + sessionStorage.getItem('GROUP\_ID').toString().toUpperCase();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var COMMODITY\_CODE = xmlDoc.getElementsByTagName("COMMODITY\_CODE");

var COMMODITY = xmlDoc.getElementsByTagName("COMMODITY");

var SHIP\_ID = xmlDoc.getElementsByTagName("SHIP\_ID");

var VOY\_NBR = xmlDoc.getElementsByTagName("VOY\_NBR");

var CALL\_NBR = xmlDoc.getElementsByTagName("CALL\_NBR");

var DISCHARGE\_POINT\_ID1 = xmlDoc.getElementsByTagName("DISCHARGE\_POINT\_ID1");

var DESTINATION = xmlDoc.getElementsByTagName("DESTINATION");

var HAZARD\_CLASS = xmlDoc.getElementsByTagName("HAZARD\_CLASS");

var TEMP\_REQUIRED = xmlDoc.getElementsByTagName("TEMP\_REQUIRED");

var TEMP\_UNITS = xmlDoc.getElementsByTagName("TEMP\_UNITS");

var VENT\_REQUIRED = xmlDoc.getElementsByTagName("VENT\_REQUIRED");

var VENT\_UNITS = xmlDoc.getElementsByTagName("VENT\_UNITS");

var NBR = xmlDoc.getElementsByTagName("NBR");

$(NBR).each(function (i, e) {

var COMMODITY\_CODE\_val = "";

var COMMODITY\_val = "";

var SHIP\_ID\_val = "";

var VOY\_NBR\_val = "";

var CALL\_NBR\_val = "";

var DISCHARGE\_POINT\_ID1\_val = "";

var DESTINATION\_val = "";

var HAZARD\_CLASS\_val = "";

var TEMP\_REQUIRED\_val = "";

var TEMP\_UNITS\_val = "";

var VENT\_REQUIRED\_val = "";

var VENT\_UNITS\_val = "";

try {

try {

COMMODITY\_CODE\_val = COMMODITY\_CODE[i].childNodes[0].nodeValue;

} catch (e) {

COMMODITY\_CODE\_val = "";

}

try {

COMMODITY\_val = COMMODITY[i].childNodes[0].nodeValue;

} catch (e) {

COMMODITY\_val = "";

}

try {

SHIP\_ID\_val = SHIP\_ID[i].childNodes[0].nodeValue;

} catch (e) {

SHIP\_ID\_val = "";

}

try {

VOY\_NBR\_val = VOY\_NBR[i].childNodes[0].nodeValue;

} catch (e) {

VOY\_NBR\_val = "";

}

try {

CALL\_NBR\_val = CALL\_NBR[i].childNodes[0].nodeValue;

} catch (e) {

CALL\_NBR\_val = "";

}

try {

DISCHARGE\_POINT\_ID1\_val = DISCHARGE\_POINT\_ID1[i].childNodes[0].nodeValue;

} catch (e) {

DISCHARGE\_POINT\_ID1\_val = "";

}

try {

DESTINATION\_val = DESTINATION[i].childNodes[0].nodeValue;

} catch (e) {

DESTINATION\_val = "";

}

try {

HAZARD\_CLASS\_val = HAZARD\_CLASS[i].childNodes[0].nodeValue;

} catch (e) {

HAZARD\_CLASS\_val = "";

}

try {

VENT\_REQUIRED\_val = VENT\_REQUIRED[i].childNodes[0].nodeValue;

} catch (e) {

VENT\_REQUIRED\_val = "";

}

try {

VENT\_UNITS\_val = VENT\_UNITS[i].childNodes[0].nodeValue;

} catch (e) {

VENT\_UNITS\_val = "";

}

try {

TEMP\_REQUIRED\_val = TEMP\_REQUIRED[i].childNodes[0].nodeValue;

} catch (e) {

TEMP\_REQUIRED\_val = "";

}

try {

TEMP\_UNITS\_val = TEMP\_UNITS[i].childNodes[0].nodeValue;

} catch (e) {

TEMP\_UNITS\_val = "";

}

$("#bookingTbody").append("<tr><td>" + (i + 1) + "</td><td><a href='javascript:void(0);' class='selectBook' data-commodityCode='" + COMMODITY\_CODE\_val + "' data-commodity='" + COMMODITY\_val + "' " +

"data-destination='" + DESTINATION\_val + "' data-haz='" + HAZARD\_CLASS\_val + "' data-vent='" + VENT\_REQUIRED\_val + "' data-ventUnit='" + VENT\_UNITS\_val +

"' data-temp='" + TEMP\_REQUIRED\_val + "' data-tempUnit='" + TEMP\_UNITS\_val + "' >" + NBR[i].childNodes[0].nodeValue + "</a></td><td class='bk\_vessel'>" + SHIP\_ID\_val +

"</td><td class='bk\_voy'>" + VOY\_NBR\_val + "</td><td class='bk\_call'>" + CALL\_NBR\_val +

"</td><td class='bk\_pod'>" + DISCHARGE\_POINT\_ID1\_val + "</td></tr>");

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

});

$("#bookingFilter").focus();

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function getBookingContainers() {

$("#loading\_div").css("display", "block");

$("#ContainerTbody").html("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getBookingContainers?booking=" + $("#bookings").val();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var NBR = xmlDoc.getElementsByTagName("EQ\_NBR");

try {

$(NBR).each(function (i, e) {

$("#ContainerTbody").append("<tr><td>" + (i + 1) + "</td><td class='containerNo'>" + NBR[i].childNodes[0].nodeValue + "</td><td><input type='checkbox' class='selectCont' /></td><td></td></tr>");

});

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function saveExXray(count, containerNo) {

var english\_regex = /^[a-zA-Z0-9-\_. ]+$/

if (english\_regex.test($("#shipper").val().trim())) {

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/addExportXray?booking=" + $("#bookings").val() + "&containers=" + containerNo +

"&qty=" + count + "&shipper=" + $("#shipper").val() + "&user=" + sessionStorage.getItem('user').toString().toUpperCase() +

"&user\_group=" + sessionStorage.getItem('GROUP\_ID').toString().toUpperCase();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseText;

if (xmlDoc.toLowerCase().indexOf("successfully") >= 0) {

$("#loading\_div").css("display", "none");

$("#list").css("display", "block");

$("#list").html(xmlDoc);

alert("Invoice created successfully.")

}

else {

$("#loading\_div").css("display", "none");

$("#list").css("display", "block");

$("#list").css("color", "red");

$("#list").html(xmlDoc);

alert($("#list").text())

}

}

};

}

else {

alert("Only English letters is accepted.");

}

}

1. ***export-inspection.aspx***

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage-SubPages.master" AutoEventWireup="true" CodeFile="export-inspection.aspx.cs" Inherits="export\_inspection" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1" runat="Server">

<script type="text/javascript" src="scripts/jquery-timing.min.js"></script>

<div class="w3-container w3-content" style="max-width: 1500px;">

<br />

<div class="w3-row">

<div class="w3-col m12">

<div class="w3-container w3-card-2 w3-white w3-round w3-margin w3-padding">

<div class="w3-margin w3-padding">

<div class="w3-row w3-grey w3-light-grey">

<br />

<div id="deliverImport-Div" class="w3-container type">

<div class="w3-row w3-red">

<div class="w3-third w3-red " style="height: 45px">

<br />

</div>

<div class="w3-twothird w3-wide w3-red" style="text-align: right; height: 45px">

<a id="saveExInsp" title="Save Inspection" href="javascript:void(0);" class="w3-btn w3-red w3-hover-light-gray" style="width: 150px">SAVE <i class="fa fa-floppy-o" aria-hidden="true" style="font-size: x-large"></i></a>

&nbsp;

<a id="resetExInsp" title="Clear all" href="javascript:void(0);" class="w3-btn w3-red w3-hover-light-gray" style="width: 150px">RESET <i class="fa fa-eraser" aria-hidden="true" style="font-size: x-large"></i></a>

&nbsp;&nbsp;

</div>

</div>

<table class="w3-table-all" style="border: none; border-bottom: none">

<tr>

<td style="width: 15%; text-align: right; padding-top: 15px">

<label class="w3-label">

<i style="color: red">\* </i>Line

</label>

</td>

<td colspan="3" style="width: 40%">

<input id="line" type="text" class="w3-input w3-border w3-round-large" style="width: 100%" />

</td>

<td style="width: 5%">&nbsp;

</td>

<td colspan="2" style="text-align: left">&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;

</td>

<td style="width: 5%"></td>

</tr>

<tr>

<td style="width: 15%; text-align: right; padding-top: 15px">

<label class="w3-label">

<i style="color: red">\* </i>Bookings

</label>

</td>

<td colspan="3" style="width: 40%">

<input id="bookings" type="text" class="w3-input w3-border w3-round-large" style="width: 100%" />

</td>

<td style="width: 5%">&nbsp;

</td>

<td colspan="2" style="text-align: left">&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;

</td>

<td style="width: 5%"></td>

</tr>

<tr>

<td style="width: 15%; text-align: right; padding-top: 15px">

<i style="color: red">\* </i>Shipper</td>

<td colspan="3" style="width: 40%">

<input id="shipper" type="text" class="w3-input w3-border w3-round-large" style="width: 100%" /></td>

<td style="width: 5%">&nbsp;</td>

<td colspan="2" style="text-align: left">&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;

</td>

<td style="width: 5%">&nbsp;</td>

</tr>

</table>

<br />

<div class="w3-row w3-padding">

<table class="w3-table-all" style="width: 100%">

<thead>

<tr class="w3-blue">

<th style="width: 10%">SN#</th>

<th style="width: 20%">Container No.</th>

<th>

<input type="checkbox" id="selectAll" /></th>

<th></th>

</tr>

</thead>

<tbody id="ContainerTbody">

<tr>

<td colspan="4" class="w3-center"><em>no data to be displayed</em> </td>

</tr>

</tbody>

</table>

</div>

</div>

</div>

<br />

<p id="list" style="display: none; color: green"></p>

</div>

</div>

<br />

<br />

<br />

<br />

</div>

</div>

</div>

<div id="loading\_div" class="w3-modal">

<div class="w3-modal-content w3-card-8" style="width: 200px">

<div class="w3-container">

<div class="w3-row" style="text-align: center">

<br />

<img src="images/spinner.gif" width="40%" />

</div>

<div class="w3-row" style="text-align: center">

<p style="font-size: large; color: midnightblue">Loading ...</p>

</div>

</div>

</div>

</div>

<div id="line\_lov\_div" class="w3-modal">

<div class="w3-modal-content w3-card-8">

<header class="w3-container w3-theme-l1">

<span onclick="document.getElementById('line\_lov\_div').style.display = 'none'"

class="w3-closebtn">&times;</span>

<h2>Line</h2>

</header>

<div class="w3-container">

<table class="w3-table w3-striped w3-bordered w3-card-4">

<thead>

<tr id="filters" class="w3-blue">

<th><i class="fa fa-filter fa-fw " style="height: 40px"></i></th>

<th>

<input class="w3-input w3-white" id="lineFilter" type="text" />

</th>

<th></th>

</tr>

<tr class="w3-blue">

<th>-</th>

<th>Line</th>

<th>Name</th>

</tr>

</thead>

<tbody id="lineTbody">

<tr>

<td colspan="3" style="text-align: center"><i>No data to be shown ...</i></td>

</tr>

</tbody>

</table>

</div>

<footer class="w3-container w3-theme-l1">

<p></p>

</footer>

</div>

</div>

<div id="booking\_lov\_div" class="w3-modal">

<div class="w3-modal-content w3-card-8">

<header class="w3-container w3-theme-l1">

<span onclick="document.getElementById('booking\_lov\_div').style.display = 'none'"

class="w3-closebtn">&times;</span>

<h2>Bookings</h2>

</header>

<div class="w3-container">

<table class="w3-table w3-striped w3-bordered w3-card-4" id="table\_booking">

<thead>

<tr id="filters" class="w3-blue">

<th><i class="fa fa-filter fa-fw " style="height: 40px"></i></th>

<th>

<input class="w3-input w3-white" id="bookingFilter" type="text" />

</th>

<th></th>

<th></th>

<th></th>

<th></th>

</tr>

<tr class="w3-blue">

<th>-</th>

<th>Booking #</th>

<th>Vessel</th>

<th>Voyage</th>

<th>Call</th>

<th>POD</th>

</tr>

</thead>

<tbody id="bookingTbody"></tbody>

</table>

</div>

<footer class="w3-container w3-theme-l1">

<p></p>

</footer>

</div>

</div>

<script>

function openDiv(evt, divName) {

var i, x, tablinks;

x = document.getElementsByClassName("type");

for (i = 0; i < x.length; i++) {

x[i].style.display = "none";

}

tablinks = document.getElementsByClassName("tablink");

for (i = 0; i < x.length; i++) {

tablinks[i].className = tablinks[i].className.replace(" w3-border-red", "");

tablinks[i].className = tablinks[i].className.replace(" w3-light-grey", "");

}

document.getElementById(divName).style.display = "block";

evt.currentTarget.firstElementChild.className += " w3-border-red";

evt.currentTarget.firstElementChild.className += " w3-light-grey";

}

</script>

<script src="scripts/export-inspection.js"></script>

<script src="scripts/pages-script.js"></script>

<script>

$(function () {

$("#links").html("");

$("#links").append("&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a href='truck-home.aspx' class='w3-bar-item w3-left w3-text-white w3-wide w3-button'" +

" style='height: 55px;padding-top:12px'><span class='w3-hover-opacity'><i class='fa fa-home' aria-hidden='true' style='font-size: x-large'></i> &nbsp;&nbsp;HOME</span></a> ");

$("#title").html("");

$("#title").text("VAS - EXPORT INSPECTION");

});

</script>

</asp:Content>

1. ***export-inspection.aspx.cs***

using System;

using System.Collections.Generic;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

public partial class export\_inspection : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

}

1. ***export-inspection.js***

var pathname = window.location.pathname;

var url\_link = window.location.href;

url\_link = url\_link.replace(pathname, "");

$(function () {

$("#user").text("Welcome " + sessionStorage.getItem('user').toString().toUpperCase());

$("#line").on("keypress", function () {

$("#loading\_div").css("display", "block");

getLines();

$("#line\_lov\_div").css("display", "block");

});

$("#line").on("mousedown", function () {

$("#loading\_div").css("display", "block");

getLines();

$("#line\_lov\_div").css("display", "block");

});

$("#lineFilter").change(function () {

$("#lineTbody tr").each(function () {

if ($(this).find(".addline").text().toLowerCase().startsWith($("#lineFilter").val().toLowerCase()) != true) {

$(this).hide();

}

else

$(this).show();

});

});

$("#selectAll").click(function () {

if ($("#selectAll").prop("checked") == true) {

$("#ContainerTbody > tr").each(function () {

if ($(this).css("display") != "none") {

$(this).find(".selectCont").prop("checked", true);

}

});

}

else {

$("#ContainerTbody > tr").each(function () {

if ($(this).css("display") != "none") {

$(this).find(".selectCont").prop("checked", false);

}

});

}

});

$("#resetExInsp").click(function () {

$("#ContainerTbody").html("");

$("#selectAll").prop("checked", false);

$("#line").val("");

$("#bookings").val("");

});

$("#bookings").on("keypress", function () {

$("#loading\_div").css("display", "block");

getBooking();

$("#booking\_lov\_div").css("display", "block");

});

$("#bookings").on("mousedown", function () {

$("#loading\_div").css("display", "block");

getBooking();

$("#booking\_lov\_div").css("display", "block");

});

$("#bookingFilter").change(function () {

$("#bookingTbody tr").each(function () {

if ($(this).find(".selectBook").text().toLowerCase().startsWith($("#bookingFilter").val().toLowerCase()) != true) {

$(this).hide();

}

else

$(this).show();

});

});

$("#table\_booking").on("click", ".selectBook", function () {

$("#bookings").val($(this).text());

getBookingContainers();

$("#bookingFilter").val("");

$("#booking\_lov\_div").css("display", "none");

});

$("#saveExInsp").click(function () {

if ($("#shipper").val().trim() != "" && $("#line").val().trim() != "" && $("#bookings").val().trim() != "") {

$("#loading\_div").css("display", "block");

$("#list").html("");

var count = 0;

var containerNo = "";

$("#ContainerTbody > tr").each(function () {

if ($(this).find(".selectCont").prop("checked") == true) {

count = count + 1;

containerNo += $(this).find(".containerNo").text() + ",";

}

});

if (count > 0 && count <= 12) {

if (containerNo.length < 240) {

if (containerNo != "") {

containerNo = containerNo.substr(0, containerNo.length - 1);

}

setTimeout(function () {

saveExInsp(count, containerNo);

}, 3000);

}

else {

if (containerNo != "") {

containerNo = containerNo.substr(0, 240);

}

setTimeout(function () {

saveExInsp(count, containerNo);

}, 3000);

}

}

else

alert("You can select from 1 to 12 containers");

$("#loading\_div").css("display", "none");

}

else {

alert("Please enter all the required data.");

}

});

});

function getLines() {

$("#loading\_div").css("display", "block");

$("#lineTbody").html("");

$("#bookingFilter").val("");

$("#lineREFilter").val("");

$("#lineFilter").val("");

$("#lineDMFilter").val("");

$("#bookingDMFilter").val("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getLines";

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var ID = xmlDoc.getElementsByTagName("ID");

var NAME = xmlDoc.getElementsByTagName("NAME");

try {

$(ID).each(function (i, e) {

$("#lineTbody").append("<tr><td>" + (i + 1) + "</td><td><a href='javascript:void(0);' class='addline'>" + ID[i].childNodes[0].nodeValue +

"</td><td>" + NAME[i].childNodes[0].nodeValue + "</td></tr>");

});

$("#lineFilter").focus();

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

$(".addline").click(function () {

$("#line").val($(this).text());

$("#line\_lov\_div").css("display", "none");

$("#bookingFilter").val("");

$("#lineREFilter").val("");

$("#lineFilter").val("");

$("#lineDMFilter").val("");

$("#bookingDMFilter").val("");

$("#bookings").val("");

});

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function getBooking() {

$("#loading\_div").css("display", "block");

$("#bookingTbody").html("");

$("#bookingFilter").val("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getBooking?line=" + $("#line").val() + "&trucker=" + sessionStorage.getItem('GROUP\_ID').toString().toUpperCase();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var COMMODITY\_CODE = xmlDoc.getElementsByTagName("COMMODITY\_CODE");

var COMMODITY = xmlDoc.getElementsByTagName("COMMODITY");

var SHIP\_ID = xmlDoc.getElementsByTagName("SHIP\_ID");

var VOY\_NBR = xmlDoc.getElementsByTagName("VOY\_NBR");

var CALL\_NBR = xmlDoc.getElementsByTagName("CALL\_NBR");

var DISCHARGE\_POINT\_ID1 = xmlDoc.getElementsByTagName("DISCHARGE\_POINT\_ID1");

var DESTINATION = xmlDoc.getElementsByTagName("DESTINATION");

var HAZARD\_CLASS = xmlDoc.getElementsByTagName("HAZARD\_CLASS");

var TEMP\_REQUIRED = xmlDoc.getElementsByTagName("TEMP\_REQUIRED");

var TEMP\_UNITS = xmlDoc.getElementsByTagName("TEMP\_UNITS");

var VENT\_REQUIRED = xmlDoc.getElementsByTagName("VENT\_REQUIRED");

var VENT\_UNITS = xmlDoc.getElementsByTagName("VENT\_UNITS");

var NBR = xmlDoc.getElementsByTagName("NBR");

$(NBR).each(function (i, e) {

var COMMODITY\_CODE\_val = "";

var COMMODITY\_val = "";

var SHIP\_ID\_val = "";

var VOY\_NBR\_val = "";

var CALL\_NBR\_val = "";

var DISCHARGE\_POINT\_ID1\_val = "";

var DESTINATION\_val = "";

var HAZARD\_CLASS\_val = "";

var TEMP\_REQUIRED\_val = "";

var TEMP\_UNITS\_val = "";

var VENT\_REQUIRED\_val = "";

var VENT\_UNITS\_val = "";

try {

try {

COMMODITY\_CODE\_val = COMMODITY\_CODE[i].childNodes[0].nodeValue;

} catch (e) {

COMMODITY\_CODE\_val = "";

}

try {

COMMODITY\_val = COMMODITY[i].childNodes[0].nodeValue;

} catch (e) {

COMMODITY\_val = "";

}

try {

SHIP\_ID\_val = SHIP\_ID[i].childNodes[0].nodeValue;

} catch (e) {

SHIP\_ID\_val = "";

}

try {

VOY\_NBR\_val = VOY\_NBR[i].childNodes[0].nodeValue;

} catch (e) {

VOY\_NBR\_val = "";

}

try {

CALL\_NBR\_val = CALL\_NBR[i].childNodes[0].nodeValue;

} catch (e) {

CALL\_NBR\_val = "";

}

try {

DISCHARGE\_POINT\_ID1\_val = DISCHARGE\_POINT\_ID1[i].childNodes[0].nodeValue;

} catch (e) {

DISCHARGE\_POINT\_ID1\_val = "";

}

try {

DESTINATION\_val = DESTINATION[i].childNodes[0].nodeValue;

} catch (e) {

DESTINATION\_val = "";

}

try {

HAZARD\_CLASS\_val = HAZARD\_CLASS[i].childNodes[0].nodeValue;

} catch (e) {

HAZARD\_CLASS\_val = "";

}

try {

VENT\_REQUIRED\_val = VENT\_REQUIRED[i].childNodes[0].nodeValue;

} catch (e) {

VENT\_REQUIRED\_val = "";

}

try {

VENT\_UNITS\_val = VENT\_UNITS[i].childNodes[0].nodeValue;

} catch (e) {

VENT\_UNITS\_val = "";

}

try {

TEMP\_REQUIRED\_val = TEMP\_REQUIRED[i].childNodes[0].nodeValue;

} catch (e) {

TEMP\_REQUIRED\_val = "";

}

try {

TEMP\_UNITS\_val = TEMP\_UNITS[i].childNodes[0].nodeValue;

} catch (e) {

TEMP\_UNITS\_val = "";

}

$("#bookingTbody").append("<tr><td>" + (i + 1) + "</td><td><a href='javascript:void(0);' class='selectBook' data-commodityCode='" + COMMODITY\_CODE\_val + "' data-commodity='" + COMMODITY\_val + "' " +

"data-destination='" + DESTINATION\_val + "' data-haz='" + HAZARD\_CLASS\_val + "' data-vent='" + VENT\_REQUIRED\_val + "' data-ventUnit='" + VENT\_UNITS\_val +

"' data-temp='" + TEMP\_REQUIRED\_val + "' data-tempUnit='" + TEMP\_UNITS\_val + "' >" + NBR[i].childNodes[0].nodeValue + "</a></td><td class='bk\_vessel'>" + SHIP\_ID\_val +

"</td><td class='bk\_voy'>" + VOY\_NBR\_val + "</td><td class='bk\_call'>" + CALL\_NBR\_val +

"</td><td class='bk\_pod'>" + DISCHARGE\_POINT\_ID1\_val + "</td></tr>");

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

});

$("#bookingFilter").focus();

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function getBookingContainers() {

$("#loading\_div").css("display", "block");

$("#ContainerTbody").html("");

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/getBookingContainers?booking=" + $("#bookings").val();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseXML;

var NBR = xmlDoc.getElementsByTagName("EQ\_NBR");

try {

$(NBR).each(function (i, e) {

$("#ContainerTbody").append("<tr><td>" + (i + 1) + "</td><td class='containerNo'>" + NBR[i].childNodes[0].nodeValue + "</td><td><input type='checkbox' class='selectCont' /></td><td></td></tr>");

});

$("#loading\_div").css("display", "none");

} catch (e) {

$("#loading\_div").css("display", "none");

}

}

else {

$("#loading\_div").css("display", "none");

$("#errLog").text("Please check your network settings.");

return false;

}

};

}

function saveExInsp(count, containerNo) {

var english\_regex = /^[a-zA-Z0-9-\_. ]+$/

if (english\_regex.test($("#shipper").val().trim())) {

var xhttp = new XMLHttpRequest();

var URL = url\_link + "/webPortal\_webservice/Service.asmx/addExInsp?booking=" + $("#bookings").val() + "&containers=" + containerNo +

"&qty=" + count + "&shipper=" + $("#shipper").val() + "&user=" + sessionStorage.getItem('user').toString().toUpperCase() + "&user\_group=" + sessionStorage.getItem('GROUP\_ID').toString().toUpperCase();

xhttp.open("GET", URL, true);

xhttp.send();

xhttp.onreadystatechange = function () {

if (xhttp.readyState == 4 && xhttp.status == 200) {

var xmlDoc;

xmlDoc = xhttp.responseText;

if (xmlDoc.toLowerCase().indexOf("successfully") >= 0) {

$("#loading\_div").css("display", "none");

$("#list").css("display", "block");

$("#list").html(xmlDoc);

alert("Invoice created successfully.")

}

else {

$("#loading\_div").css("display", "none");

$("#list").css("display", "block");

$("#list").css("color", "red");

$("#list").html(xmlDoc);

alert($("#list").text())

}

}

};

}

else {

alert("Only English letters is accepted.");

}

}

***Database:***

1. ***SET\_EXPORT\_X\_RAY Procedure:***

CREATE OR REPLACE PROCEDURE VAS.SET\_EXPORT\_X\_RAY (

P\_BOOK\_NBR VARCHAR2,

P\_USERNAME VARCHAR2,

P\_USER\_GROUP VARCHAR2,

P\_NOTE VARCHAR2,

P\_QTY NUMBER,

P\_SHIPPER VARCHAR2,

P\_NBR\_INV OUT NUMBER,

MESSAGE OUT VARCHAR2)

IS

NBR\_INV NUMBER;

INV\_ID NUMBER;

V\_BL\_GKEY NUMBER;

V\_SCHV\_VISITOR VARCHAR2 (4);

V\_SCHV\_VOYAGE VARCHAR2 (4);

V\_SCHV\_CALL VARCHAR2 (1);

V\_FACTOR NUMBER;

V\_TITEM\_ID VARCHAR2 (5);

V\_TITEM\_DESCRIPTION VARCHAR2 (100);

V\_TRATE\_RATE NUMBER (11, 2);

V\_TRATE\_GKEY NUMBER (10);

V\_TOTAL NUMBER;

V\_TITEM\_ID1 VARCHAR2 (6);

V\_EQSZ\_ID NUMBER;

AMOUNT NUMBER;

TOTAL\_AMOUNT NUMBER;

IMPORT\_INV\_AMOUNT NUMBER;

REMAINING\_AMOUNT NUMBER;

I\_LIMIT NUMBER;

I\_ID VARCHAR2 (8);

TOTAL\_REMAINING\_AMOUNT NUMBER;

V\_ACTIVE NUMBER;

BEGIN

SELECT COUNT (\*)

INTO V\_ACTIVE

FROM EXPRESS.TRUCKING\_COMPANIES

WHERE ACTIVE = 'X' AND UPPER (ID) = P\_USER\_GROUP;

IF V\_ACTIVE = 0

THEN

MESSAGE :=

'The company '

|| P\_USER\_GROUP

|| ' stopped, due to exceeded LG limit ';

ELSE

SELECT COUNT (\*)

INTO V\_ACTIVE

FROM WEIGHT\_BRIDGE.WB\_CUSTOMERS

WHERE GUARANTEE = 'NO'

AND ACTIVE = 1

AND STOPPED = 0

AND NAVIS\_ID = P\_USER\_GROUP;

IF V\_ACTIVE = 0

THEN

MESSAGE :=

'The company '

|| P\_USER\_GROUP

|| ' stopped, due to exceeded expire date ';

ELSE

SELECT MAX (GKEY)

INTO V\_BL\_GKEY

FROM EXPRESS.EQUIPMENT\_ORDERS

WHERE NBR = P\_BOOK\_NBR;

SELECT GKEY,

SHIP\_ID,

VOY\_NBR,

CALL\_NBR,

EQSZ\_ID

INTO V\_BL\_GKEY,

V\_SCHV\_VISITOR,

V\_SCHV\_VOYAGE,

V\_SCHV\_CALL,

V\_EQSZ\_ID

FROM EXPRESS.EQUIPMENT\_ORDERS, EQUIPMENT\_ORDER\_ITEMS

WHERE EQUIPMENT\_ORDERS.GKEY = EQUIPMENT\_ORDER\_ITEMS.EQO\_GKEY

AND NBR = P\_BOOK\_NBR

AND GKEY = V\_BL\_GKEY;

SELECT FACTOR

INTO V\_FACTOR

FROM ( SELECT FACTOR, EFFECTIVE\_DATE

FROM EXPRESS.CURRENCY\_CONVERSIONS

WHERE FROM\_CRNC\_ID = 'USD' AND TO\_CRNC\_ID = 'EGP'

ORDER BY 2 DESC)

WHERE ROWNUM = 1;

IF V\_EQSZ\_ID = 40

THEN

V\_TITEM\_ID1 := 'IE4XR';

ELSE

V\_TITEM\_ID1 := 'IE2XR';

END IF;

SELECT TITEM\_ID1,

TITEM\_DESCRIPTION,

RATE,

GKEY

INTO V\_TITEM\_ID,

V\_TITEM\_DESCRIPTION,

V\_TRATE\_RATE,

V\_TRATE\_GKEY

FROM EXPRESS.TARIFF\_RATES

WHERE TITEM\_ID1 = V\_TITEM\_ID1;

SELECT DISTINCT ID, LIMIT

INTO I\_ID, I\_LIMIT

FROM WEIGHT\_BRIDGE.WB\_CUSTOMERS

WHERE GUARANTEE = 'NO'

AND ACTIVE = 1

AND STOPPED = 0

AND NAVIS\_ID = P\_USER\_GROUP;

AMOUNT := NVL (WEIGHT\_BRIDGE.GET\_TOTAL\_FEES\_WBCUSTOMER (I\_ID), 0);

SELECT NVL (SUM (AR\_PAYMENT\_SCHEDULES\_ALL.AMOUNT\_DUE\_REMAINING),

0)

INTO IMPORT\_INV\_AMOUNT

FROM EXPRESS.INVOICES,

VAS.VBS\_USERS,

AR\_PAYMENT\_SCHEDULES\_ALL@FIN\_VAS

WHERE *---INVOICES.FINAL = 'X'*

UPPER (VBS\_USERS.USERNAME) = UPPER (INVOICES.CREATOR)

AND UPPER (VBS\_USERS.USERGROUP) NOT IN

('ADMIN', 'PRECHECK')

AND TOTAL > 0

AND AR\_PAYMENT\_SCHEDULES\_ALL.TRX\_NUMBER =

TO\_CHAR (INVOICES.NBR)

AND AR\_PAYMENT\_SCHEDULES\_ALL.AMOUNT\_DUE\_REMAINING > 0

AND UPPER (VBS\_USERS.USERGROUP) = P\_USER\_GROUP;

TOTAL\_AMOUNT := NVL (AMOUNT, 0) + NVL (IMPORT\_INV\_AMOUNT, 0);

REMAINING\_AMOUNT := I\_LIMIT - TOTAL\_AMOUNT;

P\_NBR\_INV := NBR\_INV;

V\_TOTAL := P\_QTY \* V\_TRATE\_RATE \* V\_FACTOR;

IF REMAINING\_AMOUNT < V\_TOTAL

THEN

MESSAGE :=

'You can not create this invoice because your remaining amount is '

|| REMAINING\_AMOUNT

|| ' and the invoice amount is '

|| V\_TOTAL;

ELSE

SELECT EXPRESS.FINVC\_GKEY.NEXTVAL INTO NBR\_INV FROM DUAL;

SELECT EXPRESS.INVC\_GKEY.NEXTVAL INTO INV\_ID FROM DUAL;

INSERT INTO EXPRESS.INVOICES (ID,

SUB\_TYPE,

NBR,

PREPARED,

CUST\_ID,

TRADE\_ID,

CONTR\_ID,

TOTAL,

FINAL,

NOTE,

CREATED,

CREATOR,

CHANGED,

CHANGER,

SRVC\_ID,

TYPE,

CRNC\_ID,

COST\_CENTER,

BILL\_TO,

CURRENCY\_FACTOR,

BL\_NBR,

BL\_GKEY,

SCHV\_VISITOR,

SCHV\_VOYAGE,

SCHV\_CALL,

REFERENCE)

VALUES (INV\_ID,

'OAC',

NBR\_INV,

SYSDATE,

'CASH',

'ANY',

'GHAND',

V\_TOTAL,

'X',

P\_NOTE,

SYSDATE,

UPPER (P\_USERNAME),

SYSDATE,

'VAS',

'ANY',

'SUNDRY',

'EGP',

'SOKN',

'CASH',

SYSDATE,

UPPER (P\_BOOK\_NBR),

V\_BL\_GKEY,

V\_SCHV\_VISITOR,

V\_SCHV\_VOYAGE,

V\_SCHV\_CALL,

P\_SHIPPER);

COMMIT;

INSERT INTO INVOICE\_ITEMS (INVOICE\_ID,

SEQ,

TITEM\_ID,

TITEM\_DESCRIPTION,

QTY\_PROVIDED,

QTY\_BILLED,

TRATE\_RATE,

RATE\_CHARGED,

AMOUNT,

FINAL,

TRATE\_GKEY,

CREATED,

CREATOR,

VALUE\_ADDED\_TAX,

CRNC\_ID,

FACTOR,

HIDDEN\_TAX,

CURRENCY\_FACTOR,

GENERAL\_LEDGER\_CODE)

VALUES (INV\_ID,

1,

V\_TITEM\_ID,

V\_TITEM\_DESCRIPTION,

0,

P\_QTY,

V\_TRATE\_RATE,

V\_TRATE\_RATE,

P\_QTY \* V\_TRATE\_RATE,

'M',

V\_TRATE\_GKEY,

SYSDATE,

UPPER (P\_USERNAME),

1,

'USD',

V\_FACTOR,

0,

SYSDATE,

1);

COMMIT;

TOTAL\_REMAINING\_AMOUNT := REMAINING\_AMOUNT - V\_TOTAL;

MESSAGE :=

'Invoice has been created successfully '

|| 'Total Invoice: '

|| V\_TOTAL

|| ' EGP Total Remaining: '

|| TOTAL\_REMAINING\_AMOUNT

|| ' EGP With invoice number: '

|| TO\_CHAR (NBR\_INV)

|| ' Containers# '

|| P\_NOTE;

END IF;

END IF;

END IF;

EXCEPTION

WHEN OTHERS

THEN

ROLLBACK;

MESSAGE :=

'Error:'

|| ' :'

|| SUBSTR (SQLERRM, 1, 200)

|| ' , '

|| SUBSTR (

***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***,

INSTR (***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***, 'line'),

LENGTH (***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***)

- INSTR (***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***, 'line'));

END;

/

1. ***SET\_EXPORT\_INSPECTION Procedure:***

CREATE OR REPLACE PROCEDURE VAS.SET\_EXPORT\_INSPECTION (

P\_BOOK\_NBR VARCHAR2,

P\_USERNAME VARCHAR2,

P\_USER\_GROUP VARCHAR2,

P\_NOTE VARCHAR2,

P\_QTY NUMBER,

P\_SHIPPER VARCHAR2,

P\_NBR\_INV OUT NUMBER,

MESSAGE OUT VARCHAR2)

IS

NBR\_INV NUMBER;

INV\_ID NUMBER;

V\_BL\_GKEY NUMBER;

V\_SCHV\_VISITOR VARCHAR2 (4);

V\_SCHV\_VOYAGE VARCHAR2 (4);

V\_SCHV\_CALL VARCHAR2 (1);

V\_FACTOR NUMBER;

V\_TITEM\_ID VARCHAR2 (5);

V\_TITEM\_DESCRIPTION VARCHAR2 (100);

V\_TRATE\_RATE NUMBER (11, 2);

V\_TRATE\_GKEY NUMBER (10);

V\_TOTAL NUMBER;

V\_TITEM\_ID1 VARCHAR2 (6);

V\_EQSZ\_ID NUMBER;

AMOUNT NUMBER;

TOTAL\_AMOUNT NUMBER;

IMPORT\_INV\_AMOUNT NUMBER;

REMAINING\_AMOUNT NUMBER;

I\_LIMIT NUMBER;

I\_ID VARCHAR2 (8);

TOTAL\_REMAINING\_AMOUNT NUMBER;

V\_ACTIVE NUMBER;

BEGIN

SELECT COUNT (\*)

INTO V\_ACTIVE

FROM EXPRESS.TRUCKING\_COMPANIES

WHERE ACTIVE = 'X' AND UPPER (ID) = P\_USER\_GROUP;

IF V\_ACTIVE = 0

THEN

MESSAGE :=

'The company '

|| P\_USER\_GROUP

|| ' stopped, due to exceeded LG limit ';

ELSE

SELECT COUNT (\*)

INTO V\_ACTIVE

FROM WEIGHT\_BRIDGE.WB\_CUSTOMERS

WHERE GUARANTEE = 'NO'

AND ACTIVE = 1

AND STOPPED = 0

AND NAVIS\_ID = P\_USER\_GROUP;

IF V\_ACTIVE = 0

THEN

MESSAGE :=

'The company '

|| P\_USER\_GROUP

|| ' stopped, due to exceeded expire date ';

ELSE

SELECT MAX (GKEY)

INTO V\_BL\_GKEY

FROM EXPRESS.EQUIPMENT\_ORDERS

WHERE NBR = P\_BOOK\_NBR;

SELECT GKEY,

SHIP\_ID,

VOY\_NBR,

CALL\_NBR,

EQSZ\_ID

INTO V\_BL\_GKEY,

V\_SCHV\_VISITOR,

V\_SCHV\_VOYAGE,

V\_SCHV\_CALL,

V\_EQSZ\_ID

FROM EXPRESS.EQUIPMENT\_ORDERS, EQUIPMENT\_ORDER\_ITEMS

WHERE EQUIPMENT\_ORDERS.GKEY = EQUIPMENT\_ORDER\_ITEMS.EQO\_GKEY

AND NBR = P\_BOOK\_NBR

AND GKEY = V\_BL\_GKEY;

SELECT FACTOR

INTO V\_FACTOR

FROM ( SELECT FACTOR, EFFECTIVE\_DATE

FROM EXPRESS.CURRENCY\_CONVERSIONS

WHERE FROM\_CRNC\_ID = 'USD' AND TO\_CRNC\_ID = 'EGP'

ORDER BY 2 DESC)

WHERE ROWNUM = 1;

IF V\_EQSZ\_ID = 40

THEN

V\_TITEM\_ID1 := 'IE4ML';

ELSE

V\_TITEM\_ID1 := 'IE2ML';

END IF;

SELECT TITEM\_ID1,

TITEM\_DESCRIPTION,

RATE,

GKEY

INTO V\_TITEM\_ID,

V\_TITEM\_DESCRIPTION,

V\_TRATE\_RATE,

V\_TRATE\_GKEY

FROM EXPRESS.TARIFF\_RATES

WHERE TITEM\_ID1 = V\_TITEM\_ID1;

SELECT DISTINCT ID, LIMIT

INTO I\_ID, I\_LIMIT

FROM WEIGHT\_BRIDGE.WB\_CUSTOMERS

WHERE GUARANTEE = 'NO'

AND ACTIVE = 1

AND STOPPED = 0

AND NAVIS\_ID = P\_USER\_GROUP;

AMOUNT := NVL (WEIGHT\_BRIDGE.GET\_TOTAL\_FEES\_WBCUSTOMER (I\_ID), 0);

SELECT NVL (SUM (AR\_PAYMENT\_SCHEDULES\_ALL.AMOUNT\_DUE\_REMAINING),

0)

INTO IMPORT\_INV\_AMOUNT

FROM EXPRESS.INVOICES,

VAS.VBS\_USERS,

AR\_PAYMENT\_SCHEDULES\_ALL@FIN\_VAS

WHERE *---INVOICES.FINAL = 'X'*

UPPER (VBS\_USERS.USERNAME) = UPPER (INVOICES.CREATOR)

AND UPPER (VBS\_USERS.USERGROUP) NOT IN

('ADMIN', 'PRECHECK')

AND TOTAL > 0

AND AR\_PAYMENT\_SCHEDULES\_ALL.TRX\_NUMBER =

TO\_CHAR (INVOICES.NBR)

AND AR\_PAYMENT\_SCHEDULES\_ALL.AMOUNT\_DUE\_REMAINING > 0

AND UPPER (VBS\_USERS.USERGROUP) = P\_USER\_GROUP;

TOTAL\_AMOUNT := NVL (AMOUNT, 0) + NVL (IMPORT\_INV\_AMOUNT, 0);

REMAINING\_AMOUNT := I\_LIMIT - TOTAL\_AMOUNT;

P\_NBR\_INV := NBR\_INV;

V\_TOTAL := P\_QTY \* V\_TRATE\_RATE \* V\_FACTOR;

IF REMAINING\_AMOUNT < V\_TOTAL

THEN

MESSAGE :=

'You can not create this invoice because your remaining amount is '

|| REMAINING\_AMOUNT

|| ' and the invoice amount is '

|| V\_TOTAL;

ELSE

SELECT EXPRESS.FINVC\_GKEY.NEXTVAL INTO NBR\_INV FROM DUAL;

SELECT EXPRESS.INVC\_GKEY.NEXTVAL INTO INV\_ID FROM DUAL;

INSERT INTO EXPRESS.INVOICES (ID,

SUB\_TYPE,

NBR,

PREPARED,

CUST\_ID,

TRADE\_ID,

CONTR\_ID,

TOTAL,

FINAL,

NOTE,

CREATED,

CREATOR,

CHANGED,

CHANGER,

SRVC\_ID,

TYPE,

CRNC\_ID,

COST\_CENTER,

BILL\_TO,

CURRENCY\_FACTOR,

BL\_NBR,

BL\_GKEY,

SCHV\_VISITOR,

SCHV\_VOYAGE,

SCHV\_CALL,

REFERENCE)

VALUES (INV\_ID,

'OAC',

NBR\_INV,

SYSDATE,

'CASH',

'ANY',

'GHAND',

V\_TOTAL,

'X',

P\_NOTE,

SYSDATE,

UPPER (P\_USERNAME),

SYSDATE,

'VAS',

'ANY',

'SUNDRY',

'EGP',

'SOKN',

'CASH',

SYSDATE,

UPPER (P\_BOOK\_NBR),

V\_BL\_GKEY,

V\_SCHV\_VISITOR,

V\_SCHV\_VOYAGE,

V\_SCHV\_CALL,

P\_SHIPPER);

COMMIT;

INSERT INTO INVOICE\_ITEMS (INVOICE\_ID,

SEQ,

TITEM\_ID,

TITEM\_DESCRIPTION,

QTY\_PROVIDED,

QTY\_BILLED,

TRATE\_RATE,

RATE\_CHARGED,

AMOUNT,

FINAL,

TRATE\_GKEY,

CREATED,

CREATOR,

VALUE\_ADDED\_TAX,

CRNC\_ID,

FACTOR,

HIDDEN\_TAX,

CURRENCY\_FACTOR,

GENERAL\_LEDGER\_CODE)

VALUES (INV\_ID,

1,

V\_TITEM\_ID,

V\_TITEM\_DESCRIPTION,

0,

P\_QTY,

V\_TRATE\_RATE,

V\_TRATE\_RATE,

P\_QTY \* V\_TRATE\_RATE,

'M',

V\_TRATE\_GKEY,

SYSDATE,

UPPER (P\_USERNAME),

1,

'USD',

V\_FACTOR,

0,

SYSDATE,

1);

COMMIT;

TOTAL\_REMAINING\_AMOUNT := REMAINING\_AMOUNT - V\_TOTAL;

MESSAGE :=

'Invoice has been created successfully '

|| 'Total Invoice: '

|| V\_TOTAL

|| ' EGP Total Remaining: '

|| TOTAL\_REMAINING\_AMOUNT

|| ' EGP With invoice number: '

|| TO\_CHAR (NBR\_INV)

|| ' Containers# '

|| P\_NOTE;

END IF;

END IF;

END IF;

EXCEPTION

WHEN OTHERS

THEN

ROLLBACK;

MESSAGE :=

'Error:'

|| ' :'

|| SUBSTR (SQLERRM, 1, 200)

|| ' , '

|| SUBSTR (

***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***,

INSTR (***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***, 'line'),

LENGTH (***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***)

- INSTR (***DBMS\_UTILITY.FORMAT\_ERROR\_BACKTRACE***, 'line'));

END;

/

**Changed Part Of Code:**

There’s no change in code for this system as it’s a new project.

**SOFTWARE DEVELOPMENT FOLDER CHECK-OFF SHEET**

**Requirements**

* Has each requirement in the functional requirements document allocated to this unit been identified using the trace ability matrix?
* Have derived requirements found during the development of this unit been identified, justified, and put in the functional requirements document?

**Functionality**

* Is the functionality of this unit fully described?
* Is the description in narrative form?
* Was a design walk-through conducted?
* Was permission granted to begin programming?

**Source Code**

* Is the source code listing of the unit included in this folder?

**Libraries, Directories, and Tables**

* Are all coded entities included in the folder?

**Development Methodologies**

* Are all development methodologies for the development effort described in the folder?

**Test Data**

* Are all data necessary to conduct testing referenced in this folder?

**Test Analysis**

* Was the unit thoroughly tested and were all logical paths verified’?

**System Developer**

I certify that this software development document is complete, the unit **Auto Generating Invoices for Export X-Ray Services and manual inspection services.**defined in this folder has successfully completed development and unit testing, and the unit is ready to be base lined and integrated into the system

Date: 09/01/2019 System Developer: Abdelsalam Mustafa

System Technical Lead Initials: Eng. Hamdy Hafez