**A Project Report**

**On**

**DOWNTOWN GLOBALOGISTICS**

SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF

***Bachelor of Technology***

***In***

***Computer Science & Engineering***

***Submitted by***

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2008-2012

**BONAFIDE CERTIFICATE**

Certified that this project report **“DOWNTOWN GLOBALOGISTIS”** is the bonafide work of “**Aparna Jain, Apoorva Tyagi, Jyoti Shukla”** who carried out the project work under my supervision.

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**ABSTRACT**

Logistics is the management of the flow of goods, information and other resources, including energy and people, between the point of origin and the point of consumption in order to meet the requirements of consumers. Logistics involves the integration of information, transportation, inventory, warehousing, material-handling, packaging, and occasionally security.

The logistics and transportation activities are moving towards the centre stage world around and becoming the most critical business function in today’s world of immense competition. Today, quickest and efficient supply chain management is the key success factor for many business sectors. The project is able to handle all issues and concerned requirements of an order regarding to logistics. Project is an online system for tracking product levels, orders, sales and deliveries. It can also be used in the manufacturing industry to create a work order, bill of materials and other production-related documents. Companies can use system to avoid product overstock and outages. It is a tool for organizing inventory data that before was generally stored in hard-copy form spreadsheets. Surface transport still rules as the most widely used mode of logistics in our country. It’s high time; the transportation companies switch to futuristic technology solutions to manage the ever growing industry requirements and never ending customer demands. The solutions that move beyond just logics, towards being efficient, cost effective and quick.

**ACKNOWLEDGEMENT**

Apart from the efforts of me, the success of any project depends largely on the encouragement and guidelines of many others. I take this opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project.

I can’t say thank you enough for her tremendous support and help. I feel motivated and encouraged every time I attend her meeting. Without her encouragement and guidance this project would not have materialized. My deepest thanks to Lecturer, **Prof. Charu Gupta,** the Guide of the project for guiding and correcting various documents of mine with attention and care. She has taken pain to go through the project and make necessary correction as and when needed. I express my thanks to the Director of RKGITW, Ghaziabad for extending her support. I would also thank my Institution and my faculty members without whom this project would have been a distant reality. I also extend my heartfelt thanks to my family and well wishers.

The guidance and support received from all the members who contributed and who are contributing to this project, was vital for the success of the project. I am grateful for their constant support and help.

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**6. OBJECTIVE**

Objective of doing this project is to enhance my knowledge in the field of E-com technology using java (jsp) as a language. Some of the client requirement and objectives of this site is as under:-

* To increase the business of Client.
* To make it Global.
* To facilitate tracking.
* To facilitate clients so that it can search for best company available.
* To help candidates to fetch all information regarding an order.
* To act as a middle men connecting client and movers.
* User can search for different options available.
* User can do on-line document posting etc.
* User can use the system for getting all documents anywhere, facilities available etc.
* User can do apply for quotes.
* User can download different relevant documents etc.

So these are some of the objectives which we have to accomplish.

* 1. **About the Project**

Logistics is the management of the flow of goods and services between the point of origin and the point of consumption in order to meet the requirements of customers. Logistics involves the integration of information, transportation, inventory, warehousing, material handling, and packaging, and often security.

Logistics is a channel of the supply chain which adds the value of time and place utility. Today the complexity of production logistics can be modeled, analyzed, visualized and optimized by plant simulation software.

Our project is able to maintain following kinds of logistics:

• Military logistics

• Business logistics

• Production logistics

Logistics management is known by many names, the most common are as follows:

• Materials Management

• Channel Management

• Distribution (or Physical Distribution)

• Business or Logistics Management or

• Supply Chain Management

The project is able to handle all issues and concerned requirements of an order regarding to logistics. Project is an online system for tracking product levels, orders, sales and deliveries. It can also be used in the manufacturing industry to create a work order, bill of materials and other production-related documents. Companies can use system to avoid product overstock and outages. It is a tool for organizing inventory data that before was generally stored in hard-copy form spreadsheets.

**7. REQUIREMENT ANALYSIS**

* 1. **Requirement Specification**

**7.1.1 Technologies used**

**Developing Environments**

**1. JSP**

Java Server Page: A [server-side](http://www.webopedia.com/TERM/J/server_side.html) technology, Java Server Pages are an extension to the Java [servlet](http://www.webopedia.com/TERM/S/servlet.html) technology that was developed by [Sun](http://www.webopedia.com/TERM/S/Sun_Microsystems.html).

JSPs have dynamic scripting capability that works in tandem with [HTML](http://www.webopedia.com/TERM/J/HTML.html) code, separating the page logic from the static elements -- the actual design and display of the page -- to help make the HTML more functional (i.e. dynamic database queries).

A JSP is translated into Java servlet before being run, and it processes HTTP requests and generates responses like any servlet. However, JSP technology provides a more convenient way to code a servlet. Translation occurs the first time the application is run. A JSP translator is triggered by the .jsp file name extension in a URL. JSPs are fully interoperable with servlets. You can include output from a servlet or forward the output to a servlet, and a servlet can include output from a JSP or forward output to a JSP.

JSPs are not restricted to any specific platform or server. It was originally created as an alternative to Microsoft's [ASPs](http://www.webopedia.com/TERM/A/Active_Server_Pages.html) (Active Server Pages). Recently, however, Microsoft has countered JSP technology with its own [ASP.NET](http://www.webopedia.com/TERM/A/ASP_NET.html), part of the [.NET](http://www.webopedia.com/TERM/D/dot_NET.html) initiative.

**2. ORACLE 10 g (Database)**

The **Oracle Database** (commonly referred to as Oracle RDBMS or simply as Oracle) is an [object-relational database management system](http://en.wikipedia.org/wiki/Object-relational_database_management_system) (ORDBMS) produced and marketed by Oracle

An Oracle database is a collection of data treated as a unit. The purpose of a database is to store and retrieve related information. A database server is the key to solving the problems of information management. In general, a [server](http://docs.oracle.com/cd/B19306_01/server.102/b14220/glossary.htm#i432724) reliably manages a large amount of data in a multiuser environment so that many users can concurrently access the same data. All this is accomplished while delivering high performance. A database server also prevents unauthorized access and provides efficient solutions for failure recovery.

Oracle Database is the first database designed for enterprise grid computing, the most flexible and cost effective way to manage information and applications. Enterprise grid computing creates large pools of industry-standard, modular storage and servers. With this architecture, each new system can be rapidly provisioned from the pool of components. There is no need for peak workloads, because capacity can be easily added or reallocated from the resource pools as needed.

The database has logical structures and physical structures. Because the physical and logical structures are separate, the physical storage of data can be managed without affecting the access to logical storage structures.

**7.1.2 Developing Tools**

**1. Net Beans IDE**

The Net Beans IDE is a free and open source software development tool for professionals who create enterprise, web, desktop, and mobile applications. Net Beans refers to both a platform framework for [Java](http://en.wikipedia.org/wiki/Java_(programming_language)) desktop applications, and an [integrated development environment](http://en.wikipedia.org/wiki/Integrated_development_environment) (IDE) for developing with Java, [JavaScript](http://en.wikipedia.org/wiki/JavaScript), [PHP](http://en.wikipedia.org/wiki/PHP), [Python](http://en.wikipedia.org/wiki/Python_(programming_language)) (no longer supported after Net Beans 7), [Groovy](http://en.wikipedia.org/wiki/Groovy_(programming_language)), [C](http://en.wikipedia.org/wiki/C_(programming_language)), [C++](http://en.wikipedia.org/wiki/C%2B%2B), [Scala](http://en.wikipedia.org/wiki/Scala_(programming_language)) , [Clojure](http://en.wikipedia.org/wiki/Clojure) , and others. The Net Beans IDE 7.0 no longer supports and [Ruby on Rails](http://en.wikipedia.org/wiki/Ruby_on_Rails), but a third party has begun work on a separate plug-in.

The Net Beans IDE is written in Java and can run on Windows, Mac OS, Linux, Solaris and other platforms supporting a compatible [JVM](http://en.wikipedia.org/wiki/Java_Virtual_Machine). A pre-existing JVM or a [JDK](http://en.wikipedia.org/wiki/Java_Development_Kit) is not required.

The Net Beans platform allows applications to be developed from a set of modular [software components](http://en.wikipedia.org/wiki/Software_component) called modules. Applications based on the Net Beans platform (including the NetBeans IDE) can be extended by [third party developers](http://en.wikipedia.org/wiki/Third_party_developer).

**Benefits:**

* **Lowers costs**-Develop higher quality applications faster with this free, open source development tool
* **Comprehensive Java Support**-The IDE provides end-to-end solutions for all Java development platforms including the latest Java standards, Mobile and Java FX
* **Increases developer productivity**-All IDE tools and features are fully integrated-no need to hunt for plug-ins and they work together when you launch the IDE
* **Support**-Customers who want or need contractual support for the Net Beans IDE can leverage Oracle's award winning customer service operation

**7.1.2.1 JAVA**

Java technology is a high-level programming and a platform independent language. Java is designed to work in the distributed environment on the Internet. Java has a GUI features that  provides you better "look and feel" over the C++  language, moreover it is easier to use than C++ and works on the concept of object-oriented programming model. Java enable us  to play online games, video, audio, chat with people around the world, Banking Application, view 3D image and Shopping Cart. Java find its extensive use in the intranet applications and other e-business solutions that are the grassroots of corporate computing. Java, regarded as the most well described and  planned language  to develop an applications for the Web.

Java is a well known technology which allows you for software designed and written  only once for an  "virtual machine" to run on a different  computers, supports various Operating System like Windows PCs, Macintoshes, and Unix computers. On the web aspect, Java is popular on web servers, used  by many of the largest interactive websites. Java is used to create standalone applications which may run on a single computer or in distributed  network. It is also be used to create a small application program based on applet, which is further used for Web page. Applets make easy and possible to interact with the Web page.

**Java Preferred Over Other Languages**

 The Java is a high-level programming language that can be supported by all of the following features:

|  |  |
| --- | --- |
| Simple | Architecture neutral |
| Object oriented | Portable |
| Distributed | High performance |
| Multithreaded | Robust |
| Dynamic | Secure |

Java has advantages over other languages and environments that make it suitable for just about any programming task.

**The advantages of Java are as follows:**

* Java is simple, easy to design, easy to write, and therefore easy to compile, debug, and learn than any other programming languages.
* Java is object-oriented, that is used to build modular programs and reusable code in other application.
* Java is platform-independent and flexible in nature. The most significant feature of Java is to run a program easily from one computer system to another.
* Java works on distributed environment. It is designed to work on distributed computing, any network programs in Java is same as sending and receiving data to and from a file.
* Java is secure. The Java language, compiler, interpreter and runtime environment are securable.
* Java is robust. Robust means reliability. Java  emphasis on  checking for possible errors, as Java compilers are able to detect many error problem in program during the execution of respective program code.
* Java supports multithreaded. Multithreaded is the path of execution for a program to perform several tasks simultaneously within a program. The  java come with the concept of Multithreaded Program. In other languages, operating system-specific procedures have to be called in order to work on multithreading.

**7.1.2.2 JSP**

We can separate the Presentation Logic from Business Logic in JSP'S where as Servlets we can't make it .  
  
The two main uses of jsps are:  
1) Using jsp's we can can separate the presentation logic from business logic very easily(we can also do the same using the servlets but difficult)

2) Even a web author can easily develop the code, in the since a person who doesn’t know anything about java can also develop the jsps using the tags

• JSP are translated and compiled into JAVA servlets but are easier to develop than JAVA servlets.   
• JSP uses simplified scripting language based syntax for embedding HTML into JSP.  
• JSP containers provide easy way for accessing standard objects and actions.  
• JSP reaps all the benefits provided by JAVA servlets and web container environment, but they have an added advantage of being simpler and more natural program for web enabling enterprise developer  
• JSP use HTTP as default request /response communication paradigm and thus make JSP ideal as Web Enabling Technology.

**7.1.2.3 NETBEANS IDE**

* Wizard-based installation for Windows, MaxOSX, Linux, OpenVMS and Solaris.
* Available individually (~30 MB) or as part of the JDK/Net beans Co bundle (~80 Mb). Eclipse is approximately 60 MB without the JDK.
* Automatic updating
* "Out of the box" JSP support. Including auto completing of JSP syntax and tags.
* Tomcat integration with built in Tomcat server or connection to external server.
* Simple file system usage
* Powerful debugging tools like the built in Tomcat server and HTTP monitor

**7.1.3 Functional Requirements**

We describe the functional requirements by giving various use cases.

**Use Case 1:** Registration of company

Primary Actor: Company employee

Main Scenario*:*

1. Start the application.

2. User prompted for registration form.

3. User gives details of company.

4. System stores data in database.

5. Username is provided.

Alternate Scenario :

1. Registration fails,

2. Prompt the user by validations.

3. Allow him to register again.

|  |
| --- |
| CMPNYID |
| EMPNM |
| CMPNYNM |
| JBTTL |
| ADRS |
| EMAIL |
| PHONE |
| MOBILE |
| FAX |

**Use Case 2:** Login Company as Existing member

Primary Actor: Company registered

Main Scenario:

1. Start the application.

2.User prompted for login and password.

3. User gives the login and password.

4. System does authentication.

5. Main Client window is displayed.

Alternate Scenario :

1. Authorization fails.

2. Prompt the user that he typed the wrong password.

3. Allow him to re-enter the password.

**Use Case 3:** Company requests for a quote

Primary Actor: Company registered

Main Scenario*:*

1. Login.

2. Click on the Request for quote button.

3. User gives the quote details.

4. Submit details.

Alternate Scenario:

1. Login fails.

2. Prompt the user that he is not providing correct kind of information.

3. Allow him to re-request.

**Use Case 4:** Admin Login

Primary Actor: Admin

Main Scenario*:*

1. Start the application.

2. Admin prompted for login and password.

3. System does authentication.

5. Main Admin window is displayed.

Alternate Scenario:

1. Authorization fails.

2. Prompt the Admin that he typed the wrong password.

3. Allow him to re-enter the password.

**Use Case 5:** Admin checks for latest quotes by company.

Primary Actor: Admin

Main Scenario*:*

1. Admin click on the quote button for all quotes.

2. Select a quote.

3. Provide rates and days and submit details.

Alternate Scenario:

1. Quote not displayed.

2. Prompt the Admin that details could not be submitted.

3. Allow him to re-submit the rate and days.

**Use Case 6:** client submit purchase order details, upload letter of credit and insurance certificate.

Primary Actor: Company

Main Scenario*:*

1. Select a quote for status of “wait for client”.

2. Get purchase order form.

3. Submit details.

5. Browse letter of credit and upload.

6. Browse insurance certificate and upload.

7. Submit documents.

8. Notification found.

Alternate Scenario:

1. Unable to get purchase order form.

2. Unable to upload files.

**Use Case 7:** Admin selects an agent for this order.

Primary Actor: Agent

Main Scenario*:*

1. Select a quote for status of “wait for admin”.

2. select an agent from dropdown list.

3. Submit details.

5. Corresponding agent id is stored for that order.

Alternate Scenario:

1. Unable to get any agent.

2. Unable to store data.

**Use Case 8:** Client submits delivery order details and upload delivery order.

Primary Actor: Company

Main Scenario*:*

1. Select an order for status of “wait for client”.

2. get delivery order.

3. Submit details.

5. Browse delivery order and upload.

6. Submit documents.

7. Notification found.

Alternate Scenario:

1. Unable to get delivery order form.

2. Unable to upload files.

**Use Case 9:** admin generate bill.

Primary Actor: Admin

Main Scenario*:*

1. Select an order for status of “wait for admin”.

2. Get bill worksheet form.

3. Generate bill.

4. Notification found.

Alternate Scenario:

1. Unable to get billing worksheet form.

2. Unable to submit details.

* 1. **HARDWARE AND SOFTWARE REQUIREMENTS**

**TECHNOLOGIES USED**

1.4.5.1 Developing Environments

Front End : JSP

Back End: ORACLE 10g XE

1.4.5.2 Development Tools:

Net Beans IDE 6.9

Apache Tomcat Server 6.0.26

1.4.5.3 Processing Environments:

Processor: Pentium 4(1.7 Ghz) or more

RAM: 256 or more

Hard disk space: above 1GB

**8. FEASIBILITY STUDY**

From the inception of ideas for software system, until it is implemented and delivered to customer and even after that the system undergoes gradual developments and evaluations .The software is said to have life cycle composed of several phases.

At the feasibility stage, it is desirable that two or three different configuration will be pursed that satisfy the key technical requirement but which represent different level of ambition and cost.

Feasibility is the determination of whether or not a project is worth doing. A feasibility study is carried out select a best system that mate performance requirements .The data collected during primary investigation examines system feasibilities that is likelihood that the system will be beneficial to the organization.

**8.1 Cost Estimation**

Four tests for feasibility study are as follows:

**8.1.1 Technical Feasibility**: This is concerned with specifying equipment and software that ill successfully satisfy the use considerably, but might include

* The feasibility to produce output in a given time because system is fast enough to handle multiple users.
* Response time under certain circumstances and ability to process a certain volume of transaction of a particular speed.
* Feasibility to communicate data to distant location.

**8.1.2 Economical Feasibility:** Economic analysis is the most frequently used technique used for evaluating the effectiveness of a proposed system. More commonly known as cost/benefit analysis the procedure is to determine the benefits and savings that are expected from a proposed system and compared them with cost. Though the cost of installing the system may appear high, it is one time investment. The resulting benefits are that automation results in turnaround time. The resulting cost/benefit ratio is favorable.

**8.1.3Operational Feasibility:** It is mainly related to human organizational as social aspects. The points to be considered are:-

The system interface is standard user friendly and provides extensive help. Hence no training is not required.

**8.1.4 Social Feasibility:** Social feasibility is determination of whether a proposed project will be acceptable to people or not, so this project is totally Social and feasible.

**8.2Problem Definition**

Goals that are successfully achieved-

* Automation of documents needed in an order.
* Separate account facility.
* Storing all the relevant data about the order.
* Validation and Focus of all needed triggers.
* File Uploader.
* Templates.

**8.3 Fact Finding Techniques**

The very first step in the field of system analysis and design is to collect the information regarding the system. Success of any requirement depends on availability of accurate & reliable information. The fact-finding techniques used for this project are as follows:

**8.3.1** **Observation & Interview:**

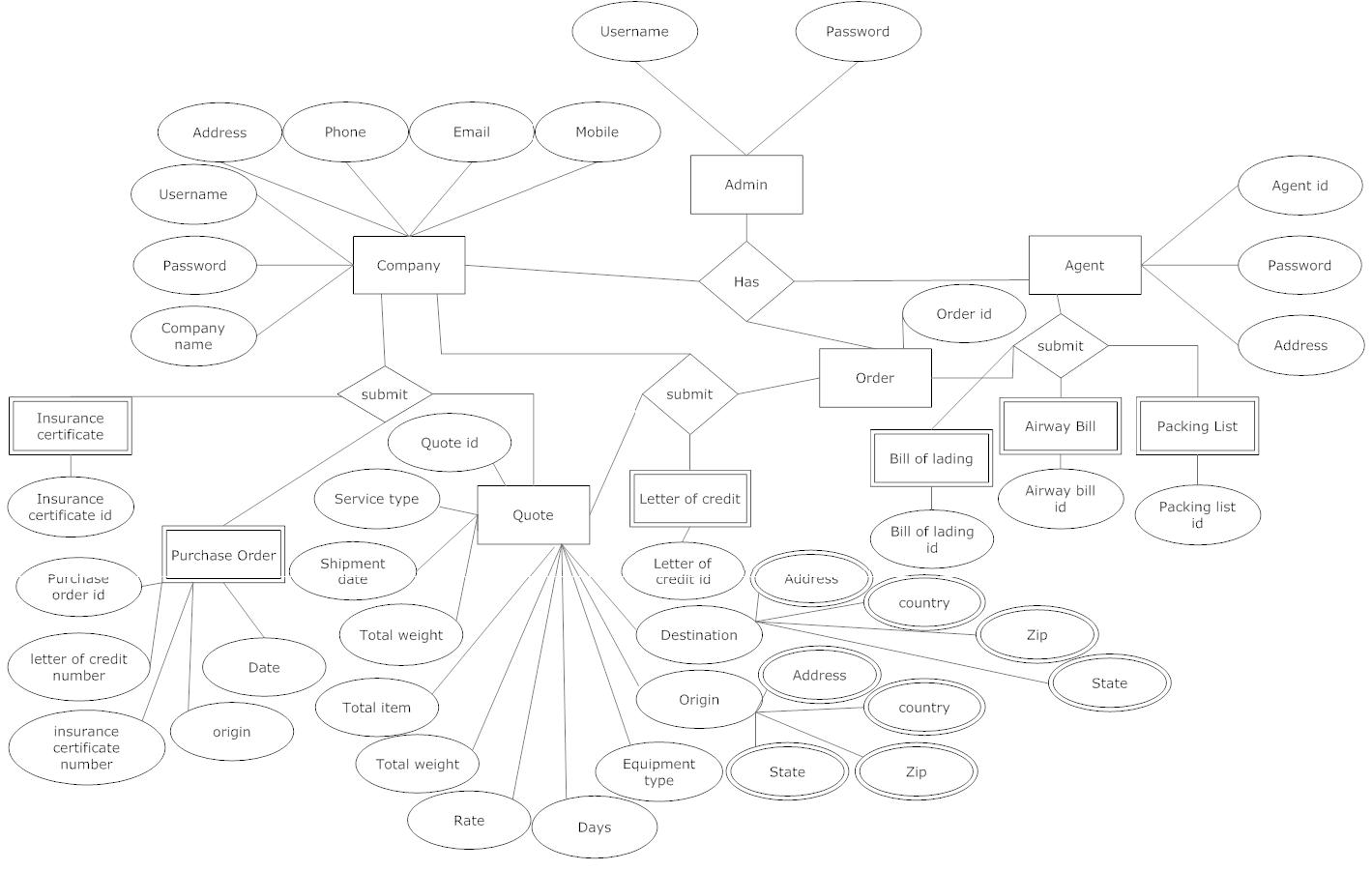
In this method, the flow of system, the way of executing processes, steps practically followed in actual scenario, etc. are observed. Through observation of systems where virtual network computing is used for accessing remote terminals, we were able to understand the layout, working & functionality of the system. We interviewed people who actually use such systems to know how useful this system is & to be able to understand its full-fledged functionality.

**8.3.2 Online help:**

In this method, the flow of system, the way of executing processes, steps practically followed in actual scenario, etc. are observed. Through observation of systems where virtual network computing is used for accessing remote terminals, we were able to understand the layout, working & functionality of the system. We interviewed people who actually use such systems to know how useful this system is & to be able to understand its full-fledged functionality.

**9. SYSTEM DESIGN**

**9.1 Entity Relationship Diagram**

****

**9.2 Data Flow Diagram**

9.2.1Context level diagram

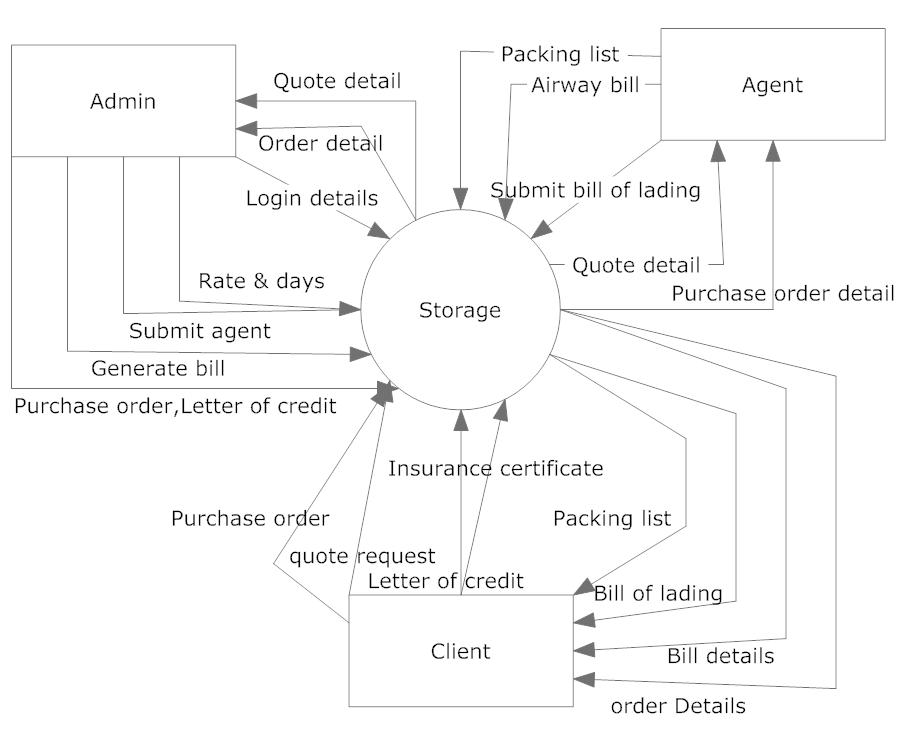
****

Fig 4. Context Level Diagram

**9.2.2 level-1 diagram**

**9.2.2.1 Level-1 diagram for Login:**

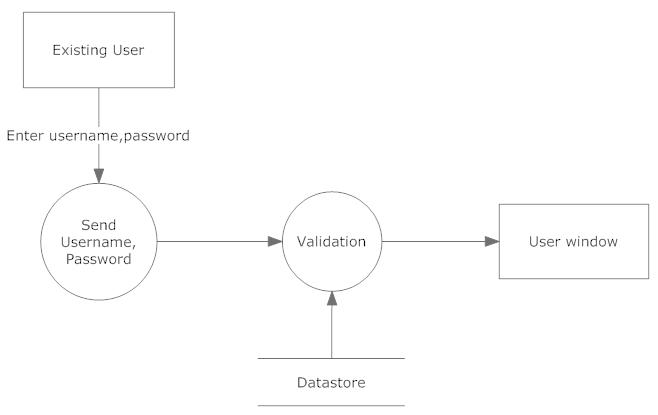


Fig 5.Level-1 Diagram for Login

**9.2.2.2 Level-1 diagram for Registration:**

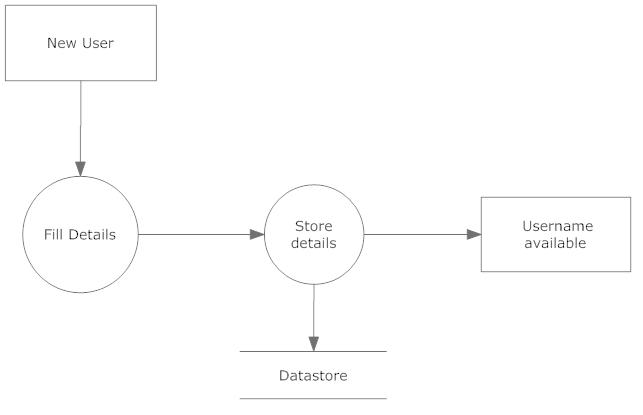


Fig 6.Level-1 Diagram for Registration

**9.2.2.3 Level-1 diagram for Request a quote:**

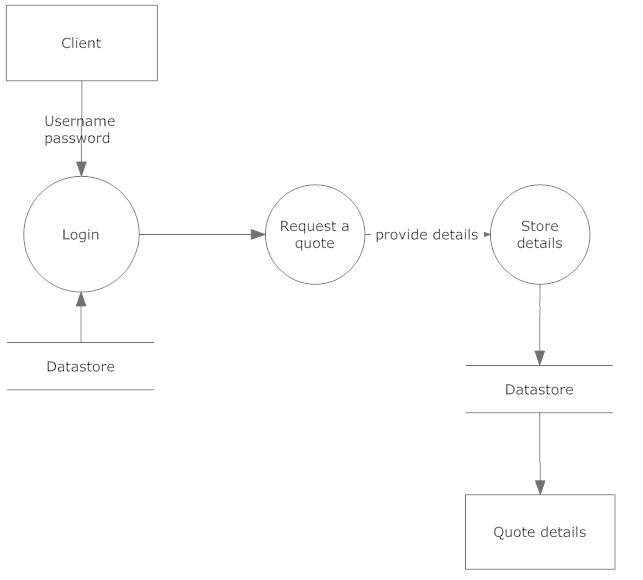


Fig 7-Level-1 Diagram for Request a Quote

**9.2.2.4 Level-1 diagram for Submitting rate and days:**

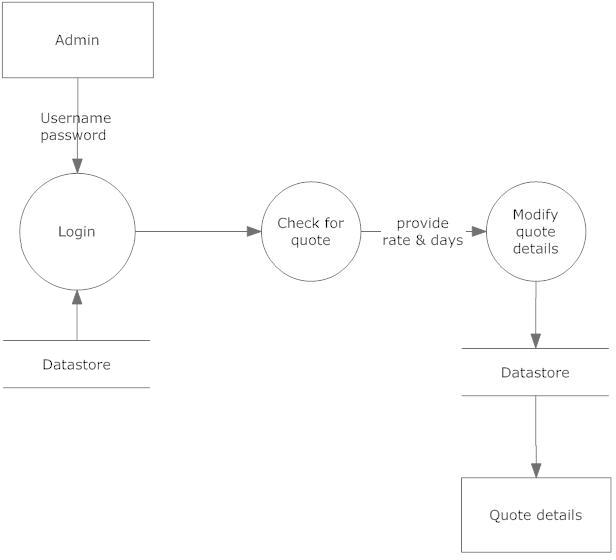
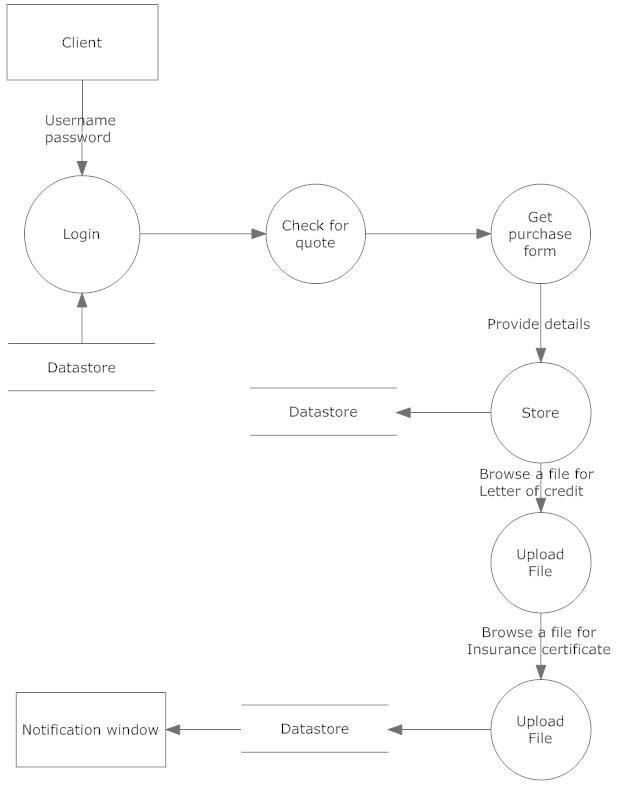
****

Fig 8. Level-1 Diagram for submitting rate and days

**9.2.2.5 Level-1 diagram for submitting Purchase order**

Fig 9. Level-1 diagram for Submitting Purchase order

**9.2.2.6 Level-1 diagram for Submitting Bill of lading,packing list :**

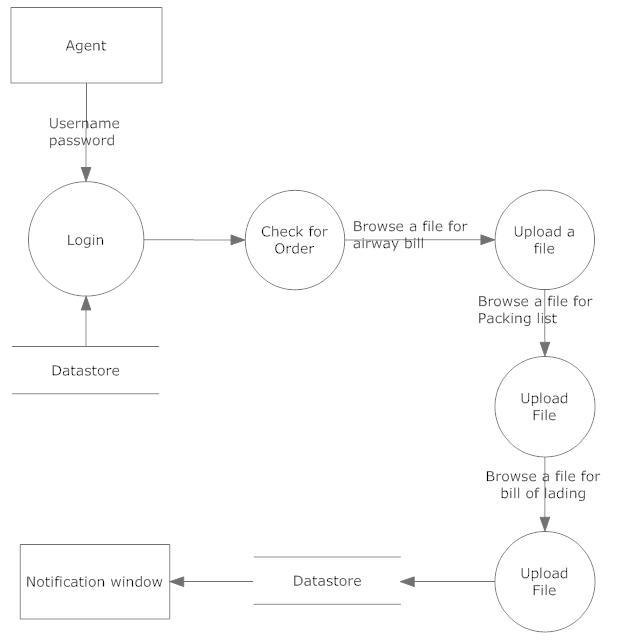
****

Fig 10. Level-1 diagram for submitting Bill of lading, packing list

**10. Coding**

**10.1 Module 1:- Home Page**

<%--

Document : Downtown

Created on : Jan 9, 2012, 2:07:30 PM

Author : HP

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<link href="style.css" rel="stylesheet" type="text/css" />

<!-- stylesheets -->

<link rel="stylesheet" href="css/style.css" type="text/css" media="screen" />

<link rel="stylesheet" href="css/slide.css" type="text/css" media="screen" />

<!-- PNG FIX for IE6 -->

<!-- http://24ways.org/2007/supersleight-transparent-png-in-ie6 -->

<!--[if lte IE 6]>

<script type="text/javascript" src="js/pngfix/supersleight-min.js"></script>

<![endif]-->

<!-- jQuery - the core -->

<script src="js/jquery-1.3.2.min.js" type="text/javascript"></script>

<!-- Sliding effect -->

<script src="js/slide.js" type="text/javascript"></script>

<script type="text/javascript">

function clearText(field)

{

field.value="";

field.style.background="grey";

}

function validate(form)

{

var i=0;

name=form.name.value;

pass=form.pass.value;

if(name=="")

{

form.name.style.background="#272727";

form.name.value="Required";

i++;

return false;

}

if(pass=="")

{

form.pass.style.background="#272727";

i++;

}

if(i>0)

return false;

else

return true;

}

function validate1(form)

{

var j=0;

cmpnynm=form.cmpnynm.value;

email=form.email.value;

if(cmpnynm=="")

{

form.cmpnynm.style.background="#272727";

form.cmpnynm.value="Required";

j++;

return false;

}

if(email=="")

{

form.email.style.background="#272727";

j++;

}

if(j>0)

return false;

else

return true;

}

</script>

<style type="text/css">

#nav {

padding: 5px;;

}

#nav li {

display: inline;

}

#nav li a {

font-family: Arial;

font-size:15px;

text-decoration: none;

float:left;

padding:15px 30px 15px 25px;

background-color: #2175bc;

color: #fff;

}

#nav li a:hover {

//background-color: #2586d7;

//margin-top:-2px;

//padding-bottom:18px;

opacity:0.4;

filter:alpha(opacity=40);

}

</style>

<title>Downtown Globalogistics</title>

</head>

<body>

<div id="toppanel">

<div id="panel">

<div class="content clearfix">

<div class="left">

<h1>Welcome to Downtown Globalogistics</h1>

<h2>Your logistics solution provider</h2>

<p class="grey">You can ask us anyting anytime anywhere in world..we promise you world class facilities and services.</p>

<br/>

<p class="grey">First create an account for interaction,then we are in your service systematically.</p>

</div>

<div class="left">

<!-- Login Form -->

<form class="clearfix" action="LginValidate.jsp" method="post" onsubmit="return validate(this);">

<h1>Member Login</h1>

<label class="grey" for="log">Username:</label>

<input class="field" type="text" name="name" id="log" value="" size="23" onClick="clearText(this);"/>

<label class="grey" for="pwd">Password:</label>

<input class="field" type="password" name="pass" id="pwd" size="23" />

<label class="grey">Enter Username & password correctly.</label>

<div class="clear"></div>

<input type="submit" name="submit" value="Login" class="bt\_login" />

<a class="lost-pwd" href="#">Lost your password?</a>

</form>

</div>

<div class="left right">

<!-- Register Form -->

<form action="rgstrsn.jsp" method="post" onsubmit="return validate1(this);">

<h1>Not a member yet? Sign Up!</h1>

<label class="grey" for="signup">Company Name:</label>

<input class="field" type="text" name="cmpnynm" id="signup" value="" size="23" onClick="clearText(this);"/>

<label class="grey" for="email">

Email:<span class="form-required"></span></label>

<input type="email" class="field validate[required, Email]" name="email" id="email" size="23" />

<label class="grey">Click on button for furthur data.</label>

<input type="submit" name="submit" value="Register" class="bt\_register" />

</form>

</div>

</div>

</div> <!-- /login -->

<!-- The tab on top -->

<div class="tab">

<ul class="login">

<li class="left">&nbsp;</li>

<li>Hello Guest!</li>

<li class="sep">|</li>

<li id="toggle">

<a id="open" class="open" href="#">Log In | Register</a>

<a id="close" style="display: none;" class="close" href="#">Close Panel</a>

</li>

<li class="right">&nbsp;</li>

</ul>

</div> <!-- / top -->

</div> <!--panel -->

<div id="page">

<div id="abovecontent">

<p ><img src="images/LOGO\_2.png" alt="Downtown Globalogistics\_LOGO" /></p>

<ul id="nav">

<li><a href="#">Home</a></li>

<li><a href="#">About</a></li>

<li><a href="#">Services</a></li>

<li><a href="#">Clients</a></li>

<li><a href="#">Products</a></li>

<li><a href="#">F.A.Q</a></li>

<li><a href="#">Help</a></li>

<li><a href="#">Contact Us</a></li>

</ul>

</div>

<script type="text/javascript">

var slideShowSpeed = 2000

var crossFadeDuration = 2

var Pic = new Array()

Pic[0] = 'images/1.jpg'

Pic[1] = 'images/2.jpg'

Pic[2] = 'images/3.jpg'

Pic[3] = 'images/4.jpg'

Pic[4] = 'images/5.jpg'

var t

var j = 0

var p = Pic.length

var preLoad = new Array()

for (i = 0; i < p; i++){

preLoad[i] = new Image()

preLoad[i].src = Pic[i]

}

function runSlideShow(){

if (document.all){

document.images.SlideShow.style.filter="blendTrans(duration=2)"

document.images.SlideShow.style.filter="blendTrans(duration=crossFadeDuration)"

document.images.SlideShow.filters.blendTrans.Apply()

}

document.images.SlideShow.src = preLoad[j].src

if (document.all){

document.images.SlideShow.filters.blendTrans.Play()

}

j = j + 1

if (j > (p-1)) j=0

t = setTimeout('runSlideShow()', slideShowSpeed)

}

</script>

<p id="imagerollover"><br />

<img src="images/1.jpg" name='SlideShow'>

<script type="text/javascript">

var slideShowSpeed = 2000

var crossFadeDuration = 2

var Pic = new Array()

Pic[0] = 'images/1.jpg'

Pic[1] = 'images/2.jpg'

Pic[2] = 'images/3.jpg'

Pic[3] = 'images/4.jpg'

Pic[4] = 'images/5.jpg'

var t

var j = 0

var p = Pic.length

var preLoad = new Array()

for (i = 0; i < p; i++){

preLoad[i] = new Image()

preLoad[i].src = Pic[i]

}

function runSlideShow(){

if (document.all){

document.images.SlideShow.style.filter="blendTrans(duration=2)"

document.images.SlideShow.style.filter="blendTrans(duration=crossFadeDuration)"

document.images.SlideShow.filters.blendTrans.Apply()

}

document.images.SlideShow.src = preLoad[j].src

if (document.all){

document.images.SlideShow.filters.blendTrans.Play()

}

j = j + 1

if (j > (p-1)) j=0

t = setTimeout('runSlideShow()', slideShowSpeed)

}

</script>

</p>

<div id="belowcontent">

<p style="margin-right:40px;"><img src="images/molumen\_world\_map\_2.png" alt="World Map" /></p>

<p>We provide supply chain excellence via our consulting, technology and business process outsourcing services delivered with world class people, processes, technology and operational know-how. We are on a quest to become the most strategically significant provider of logistics services to our current and future clients. Our systematically examines existing transportation routes and shipping methods in order to recommend solutions with bilingual support 24 hours a day, 365 days a year our professional and management team is here to help, that decrease costs, increase service levels, and establish high quality performance throughout the logistics matrix.

<a href="#">Read More....</a>

</p>

<div id="footer">

Copyright &copy; Downtown Globalogistics, India

<br /> Copyright@2011 All Rights Reserved.

</div></div>

</div>

</body>

</html>

**10.2 Module 2:**  **Registration of company**

<%--

Document : rrstrinsrt

Created on : Apr 2, 2012, 2:38:39 PM

Author : HP

--%>

<%@page import="org.\*"%>

<%@page import="java.sql.\*" %>

<%@page import="java.io.IOException" %>

<%@page import="javax.servlet.\*" %>

<%@page import="javax.servlet.http.\*" %>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<link rel="stylesheet" type="text/css" href="css/tablenew.css" />

<title>Registration in Progress..</title>

</head>

<body>

<%String empnm = request.getParameter("empnm");

String cmpnynm = request.getParameter("cmpnynm");

String jbttl = request.getParameter("jbttl");

String adrs1 = request.getParameter("adrs1");

String adrs2 = request.getParameter("adrs2");

String city = request.getParameter("city");

String state = request.getParameter("state");

String zip = request.getParameter("zip");

String cntry = request.getParameter("cntry");

String adrs = adrs1+","+adrs2+","+city+"-"+zip+","+state+","+cntry;

String email = request.getParameter("email");

String area = request.getParameter("area");

String cntct = request.getParameter("phone");

String phone = area+cntct;

String mobile = (String)request.getParameter("mobile");

String fax = (String)request.getParameter("fax");

String pswrd = request.getParameter("pswrd");

String cmpnyId ;

Ex01 vb = new Ex01();

String s= vb.getCode();

while((s.length())< 10)

{ s = vb.getCode();}

cmpnyId = s.substring(3, 10);

Dbconnect ds = new Dbconnect();

Connection con = ds.getConnect();

//Statement st=con.prepareStatement(" insert into cmpnydtls values(?,?,?,?,?,?,?,?,?)");

String sql="Insert into cmpnydtls values(?,?,?,?,?,?,?,?,?)";

PreparedStatement ps=con.prepareStatement(sql);

ps.setString(1,cmpnyId);

ps.setString(2,empnm);

ps.setString(3,cmpnynm);

ps.setString(4,jbttl);

ps.setString(5,adrs);

ps.setString(6,email);

ps.setString(7,phone);

ps.setString(8,mobile);

ps.setString(9,fax);

String sql1= "insert into lgindtls values(?,?,?)";

PreparedStatement sp =con.prepareStatement(sql1);

sp.setString(1,cmpnyId);

sp.setString(2,pswrd);

sp.setString(3,"C");

int q =sp.executeUpdate() ;

int a= ps.executeUpdate();

%>

<div id="wrapper">

<div id="leftcolumn1">

<p>

<img src="images/LOGO.png" alt="Logo" />

</p>

</div>

<div id="rightcolumn1">

<form action="index.jsp" >

<%

if(q != 0)

{

if( a!= 0)

{

%>

<label>Congratulations! You have registered successfully.Your Username is : <%= cmpnyId %>. Login in your account for our services.</label>

<br /><br />

<input type="submit" value="Login" class="button" />

<%

}else

{ %>

<label>Registration failed! There is some problem occurring in server.We are extremely sorry for your inconvenience.Try after some time. </label>

<br /><br />

<input type="submit" value="Register Again" class="button" />

<% }}

else

{ %>

<label>Registration failed! There is some problem occurring in server.We are extremely sorry for your inconvenience.Try after some time. </label>

<br /><br />

<input type="submit" value="Register Again" class="button" />

<%

}

%>

</form>

</div>

</div>

</body>

</html>

<%--

Document : rgstrsn

Created on : Apr 21, 2011, 1:57:39 PM

Author : HP

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<meta name="viewport" content="width=device-width; initial-scale=1.0; maximum-scale=1.0; user-scalable=0;" />

<meta name="HandheldFriendly" content="true" />

<title>Register your company..</title>

<link type="text/css" rel="stylesheet" href="css/styles/form.css?v3.1.102"/>

<link href="css/calendarview.css?v3.1.102" rel="stylesheet" type="text/css" />

<link type="text/css" rel="stylesheet" href="http://www.jotform.com/css/styles/pastel.css" />

<style type="text/css">

.form-label{

width:150px !important;

}

.form-label-left{

width:150px !important;

}

.form-line{

padding:10px;

}

.form-label-right{

width:150px !important;

}

body, html{

margin:0;

padding:0;

background:rgb(50,129,200);

}

.form-all{

margin:0px auto;

padding-top:0px;

width:660px;

background:#FFFFFF;

color:Black !important;

font-family:Verdana;

font-size:12px;

}

</style>

<script src="js/prototype.js?v=3.1.102" type="text/javascript"></script>

<script src="js/protoplus.js?v=3.1.102" type="text/javascript"></script>

<script src="js/protoplus-ui.js?v=3.1.102" type="text/javascript"></script>

<script src="js/jotform.js?v=3.1.102" type="text/javascript"></script>

<script src="js/calendarview.js?v=3.1.102" type="text/javascript"></script>

<script type="text/javascript">

JotForm.init(function(){

$('input\_9').hint('ex: myname@example.com');

$('input\_11').hint('ex: 23');

$('input\_12').hint('ex: 23');

JotForm.description('input\_15', 'Maximum 10 characters.');

});

</script>

</head>

<body>

<form class="jotform-form" action="rgstrinsrt.jsp" method="post" name="form\_10960330301" id="10960330301" accept-charset="utf-8">

<input type="hidden" name="formID" value="10960330301" />

<div class="form-all">

<ul class="form-section">

<li id="cid\_1" class="form-input-wide">

<div class="form-header-group">

<h2 id="header\_1" class="form-header">

Registration Form

</h2>

</div>

</li>

<li class="form-line" id="id\_3">

<div id="cid\_3" class="form-input-wide">

<div id="text\_3" class="form-html">

<p>

By completing these fields,your own user profile will be created.

</p>

</div>

</div>

</li>

<li class="form-line" id="id\_4">

<label class="form-label-left" id="label\_4" for="input\_4">

Name<span class="form-required">\*</span>

</label>

<div id="cid\_4" class="form-input">

<input type="text" class="form-textbox validate[required, Alphabetic]" id="input\_4" name="empnm" size="20" maxlength="30" />

</div>

</li>

<li class="form-line" id="id\_5">

<label class="form-label-left" id="label\_5" for="input\_5">

Company Name<span class="form-required">\*</span>

</label>

<div id="cid\_5" class="form-input">

<input type="text" class="form-textbox" id="input\_5" name="cmpnynm" size="20" maxlength="30" />

</div>

</li>

<li class="form-line" id="id\_6">

<label class="form-label-left" id="label\_6" for="input\_6">

Job Title<span class="form-required">\*</span>

</label>

<div id="cid\_6" class="form-input">

<input type="text" class="form-textbox validate[required, Alphabetic]" id="input\_6" name="jbttl" size="20" />

</div>

</li>

<li class="form-line" id="id\_8">

<label class="form-label-left" id="label\_8" for="input\_8">

Address<span class="form-required">\*</span>

</label>

<div id="cid\_8" class="form-input">

<table summary="" class="form-address-table" border="0" cellpadding="0" cellspacing="0">

<tr>

<td colspan="2"><span class="form-sub-label-container"><input class="form-textbox validate[required] form-address-line" type="text" name="adrs1" id="input\_8\_addr\_line1" />

<label class="form-sub-label" for="input\_8\_addr\_line1" id="sublabel\_addr\_line1"> Street Address </label></span>

</td>

</tr>

<tr>

<td colspan="2"><span class="form-sub-label-container"><input class="form-textbox form-address-line" type="text" name="adrs2" id="input\_8\_addr\_line2" size="46" />

<label class="form-sub-label" for="input\_8\_addr\_line2" id="sublabel\_addr\_line2"> Street Address Line 2 </label></span>

</td>

</tr>

<tr>

<td width="50%"><span class="form-sub-label-container"><input class="form-textbox validate[required] form-address-city" type="text" name="city" id="input\_8\_city" size="21" />

<label class="form-sub-label" for="input\_8\_city" id="sublabel\_city"> City </label></span>

</td>

<td><span class="form-sub-label-container"><input class="form-textbox validate[required] form-address-state" type="text" name="state" id="input\_8\_state" size="22" />

<label class="form-sub-label" for="input\_8\_state" id="sublabel\_state"> State / Province </label></span>

</td>

</tr>

<tr>

<td width="50%"><span class="form-sub-label-container"><input class="form-textbox validate[required] form-address-postal" type="text" name="zip" id="input\_8\_postal" size="10" />

<label class="form-sub-label" for="input\_8\_postal" id="sublabel\_postal"> Postal / Zip Code </label></span>

</td>

<td><span class="form-sub-label-container"><select class="form-dropdown validate[required] form-address-country" name="cntry" id="input\_8\_country">

<option selected> Please Select </option>

<option value="United States"> United States </option>

<option value="Afghanistan"> Afghanistan </option>

<option value="Albania"> Albania </option>

<option value="Algeria"> Algeria </option>

<option value="Argentina"> Argentina </option>

<option value="Australia"> Australia </option>

<option value="Austria"> Austria </option>

<option value="Bangladesh"> Bangladesh </option>

<option value="Barbados"> Barbados </option>

<option value="Belarus"> Belarus </option>

<option value="Belgium"> Belgium </option>

<option value="Belize"> Belize </option>

<option value="Benin"> Benin </option>

<option value="Bermuda"> Bermuda </option>

<option value="Bhutan"> Bhutan </option>

<option value="Bolivia"> Bolivia </option>

<option value="Bosnia and Herzegovina"> Bosnia and Herzegovina </option>

<option value="Botswana"> Botswana </option>

<option value="Brazil"> Brazil </option>

<option value="Brunei"> Brunei </option>

<option value="Bulgaria"> Bulgaria </option>

<option value="Burkina Faso"> Burkina Faso </option>

<option value="Burundi"> Burundi </option>

<option value="Cambodia"> Cambodia </option>

<option value="Cameroon"> Cameroon </option>

<option value="Canada"> Canada </option>

<option value="Cape Verde"> Cape Verde </option>

<option value="Cayman Islands"> Cayman Islands </option>

<option value="Central African Republic"> Central African Republic </option>

<option value="Chad"> Chad </option>

<option value="Chile"> Chile </option>

<option value="People's Republic of China"> People's Republic of China </option>

<option value="Republic of China"> Republic of China </option>

<option value="Christmas Island"> Christmas Island </option>

<option value="Cocos (Keeling) Islands"> Cocos (Keeling) Islands </option>

<option value="Colombia"> Colombia </option>

<option value="Comoros"> Comoros </option>

<option value="Congo"> Congo </option>

<option value="Cook Islands"> Cook Islands </option>

<option value="Costa Rica"> Costa Rica </option>

<option value="The Gambia"> The Gambia </option>

<option value="Georgia"> Georgia </option>

<option value="Germany"> Germany </option>

<option value="Ghana"> Ghana </option>

<option value="Gibraltar"> Gibraltar </option>

<option value="Greece"> Greece </option>

<option value="Indonesia"> Indonesia </option>

<option value="Iran"> Iran </option>

<option value="Iraq"> Iraq </option>

<option value="Ireland"> Ireland </option>

<option value="Israel"> Israel </option>

<option value="Italy"> Italy </option>

<option value="Jamaica"> Jamaica </option>

<option value="Japan"> Japan </option>

<option value="Mali"> Mali </option>

<option value="Malta"> Malta </option>

<option value="Marshall Islands"> Marshall Islands </option>

<option value="San Marino"> San Marino </option>

<option value="Sao Tome and Principe"> Sao Tome and Principe </option>

<option value="Saudi Arabia"> Saudi Arabia </option>

<option value="Senegal"> Senegal </option>

<option value="Serbia"> Serbia </option>

<option value="Seychelles"> Seychelles </option>

<option value="Sierra Leone"> Sierra Leone </option>

<option value="Singapore"> Singapore </option>

<option value="Slovakia"> Slovakia </option>

<option value="Slovenia"> Slovenia </option>

<option value="Solomon Islands"> Solomon Islands </option>

<option value="Somalia"> Somalia </option>

<option value="Somaliland"> Somaliland </option>

<option value="South Africa"> South Africa </option>

<option value="South Ossetia"> South Ossetia </option>

<option value="Spain"> Spain </option>

<option value="Sri Lanka"> Sri Lanka </option>

<option value="Sudan"> Sudan </option>

<option value="Suriname"> Suriname </option>

<option value="Svalbard"> Svalbard </option>

<option value="Swaziland"> Swaziland </option>

<option value="Sweden"> Sweden </option>

<option value="Switzerland"> Switzerland </option>

<option value="Syria"> Syria </option>

<option value="Taiwan"> Taiwan </option>

<option value="Tajikistan"> Tajikistan </option>

<option value="Tanzania"> Tanzania </option>

<option value="Thailand"> Thailand </option>

<option value="Timor-Leste"> Timor-Leste </option>

<option value="Togo"> Togo </option>

<option value="Tokelau"> Tokelau </option>

<option value="Tonga"> Tonga </option>

<option value="Trinidad and Tobago"> Trinidad and Tobago </option>

<option value="Tristan da Cunha"> Tristan da Cunha </option>

<option value="Tunisia"> Tunisia </option>

<option value="Turkey"> Turkey </option>

<option value="Turkmenistan"> Turkmenistan </option>

<option value="Turks and Caicos Islands"> Turks and Caicos Islands </option>

<option value="United Kingdom"> United Kingdom </option>

<option value="Uruguay"> Uruguay </option>

<option value="Uzbekistan"> Uzbekistan </option>

<option value="Vanuatu"> Vanuatu </option>

<option value="Vatican City"> Vatican City </option>

<option value="Venezuela"> Venezuela </option>

<option value="Vietnam"> Vietnam </option>

<option value="British Virgin Islands"> British Virgin Islands </option>

<option value="US Virgin Islands"> US Virgin Islands </option>

<option value="Wallis and Futuna"> Wallis and Futuna </option>

<option value="Western Sahara"> Western Sahara </option>

<option value="Yemen"> Yemen </option>

<option value="Zambia"> Zambia </option>

<option value="Zimbabwe"> Zimbabwe </option>

<option value="other"> Other </option>

</select>

<label class="form-sub-label" for="input\_8\_country" id="sublabel\_country"> Country </label></span>

</td>

</tr>

</table>

</div>

</li>

<li class="form-line" id="id\_9">

<label class="form-label-left" id="label\_9" for="input\_9">

E-mail<span class="form-required">\*</span>

</label>

<div id="cid\_9" class="form-input">

<input type="email" class="form-textbox validate[required, Email]" id="input\_9" name="email" size="30" maxlength="30"/>

</div>

</li>

<li class="form-line" id="id\_10">

<label class="form-label-left" id="label\_10" for="input\_10">

Phone Number<span class="form-required">\*</span>

</label>

<div id="cid\_10" class="form-input"><span class="form-sub-label-container"><input class="form-textbox validate[required]" type="tel" name="area" id="input\_10\_area" size="3">

-

<label class="form-sub-label" for="input\_10\_area" id="sublabel\_area"> Area Code </label></span><span class="form-sub-label-container"><input class="form-textbox validate[required]" type="tel" name="cntct" id="input\_10\_phone" size="8">

<label class="form-sub-label" for="input\_10\_phone" id="sublabel\_phone"> Phone Number </label></span>

</div>

</li>

<li class="form-line" id="id\_11">

<label class="form-label-left" id="label\_11" for="input\_11">

Mobile Contact<span class="form-required">\*</span>

</label>

<div id="cid\_11" class="form-input">

<input type="number" class="form-textbox validate[required,Numeric]" id="input\_11" name="mobile" size="10" maxlength="10" />

</div>

</li>

<li class="form-line" id="id\_12">

<label class="form-label-left" id="label\_12" for="input\_12">

Fax Number<span class="form-required">\*</span>

</label>

<div id="cid\_12" class="form-input">

<input type="number" class="form-textbox validate[required, Numeric]" id="input\_12" name="fax" size="10" maxlength="10"/>

</div>

</li>

<li class="form-line" id="id\_13">

<div id="cid\_13" class="form-input-wide">

<div id="text\_13" class="form-html">

<p><span style="text-decoration: underline;"><span style="font-size: small;"><strong>

Login Details

</strong></span></span>

</p>

</div>

</div>

</li>

<li class="form-line" id="id\_14">

<label class="form-label-left" id="label\_14" for="input\_14">

Password<span class="form-required">\*</span>

</label>

<div id="cid\_14" class="form-input">

<input type="password" class="form-textbox validate[required]" id="input\_14" name="pswrd" size="20" maxlength="10"/>

</div>

</li>

<li class="form-line" id="id\_16">

<div id="cid\_16" class="form-input-wide">

<div id="text\_16" class="form-html">

<p><span style="font-size: small; text-decoration: underline;"><strong>

Terms and Conditions

</strong></span>

</p>

</div>

</div>

</li>

<li class="form-line" id="id\_17">

<label class="form-label-left" id="label\_17" for="input\_17"> </label>

<div id="cid\_17" class="form-input">

<div class="form-single-column"><span class="form-checkbox-item" style="clear:left;"><input type="checkbox" class="form-checkbox" id="input\_17\_0" name="q17\_17[]" value="I accept import express terms of use." />

<label for="input\_17\_0"> I accept import express terms of use. </label></span><span class="clearfix"></span><span class="form-checkbox-item" style="clear:left;"><input type="checkbox" class="form-checkbox" id="input\_17\_1" name="q17\_17[]" checked="checked" value="I accept all the terms of carriage." />

<label for="input\_17\_1"> I accept all the terms of carriage. </label></span><span class="clearfix"></span>

</div>

</div>

</li>

<li class="form-line" id="id\_18">

<div id="cid\_18" class="form-input-wide">

<div style="margin-left:156px" class="form-buttons-wrapper">

<button id="input\_18" type="submit" class="form-submit-button">

Register

</button>

&nbsp;

<button id="input\_reset\_18" type="button" class="button" onclick="">

Cancel

</button>

</div>

</div>

</li>

<li style="display:none">

Should be Empty:

<input type="text" name="website" value="" />

</li>

</ul>

</div>

<input type="hidden" id="simple\_spc" name="simple\_spc" value="10960330301" />

<script type="text/javascript">

document.getElementById("si" + "mple" + "\_spc").value = "10960330301-10960330301";

</script>

</form>

</body>

</html>

**10.3 Module :-3 Login page**

**Lginvalidate.jsp**

<%--

Document : DBConnect

Created on : Jan 9, 2012, 2:12:02 PM

Author : HP

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<%@page import="java.sql.\*" %>

<%@page import="org.\*" %>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>JSP Page</title>

</head>

<body>

<%

String name=request.getParameter("name");

String pass=request.getParameter("pass");

%> <%

try

{ ServletContext serve = getServletContext();

RequestDispatcher dispatcher = null;

//Class.forName("oracle.jdbc.driver.OracleDriver");

//Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE", "system", "123");

Dbconnect ds = new Dbconnect();

Connection con = ds.getConnect();

String sql="select \* from Lgindtls where cmpnyId='"+ name+"' and pswrd='"+pass+"'";

Statement st=con.createStatement();

ResultSet rs= st.executeQuery(sql);

if(rs.next())

{ String status = rs.getString(3);

if(status.equals("A"))

{

dispatcher=request.getRequestDispatcher("adminwndw.jsp?t="+name);

dispatcher.forward(request,response);

}

else {if(status.equals("B"))

{

dispatcher=request.getRequestDispatcher("agntwndw.jsp?t="+name);

dispatcher.forward(request,response);

}

else

{

dispatcher=request.getRequestDispatcher(("clntwndw.jsp?t="+name));

dispatcher.forward(request,response);

}}

}

else

{ dispatcher=request.getRequestDispatcher("incrctpswrd.jsp");

dispatcher.forward(request,response);

}

}

catch(Exception e){System.out.println("error");

%>

</body>

</html>

**10.4 Module 4:-Client submit purchase order details, upload letter of credit and insurance certificate.**

<%--

Document : prchsordr

Created on : Apr 23, 2011, 6:14:09 PM

Author : HP

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Purchase order details</title>

<link type="text/css" rel="stylesheet" href="css/styles/form.css?v3.1.102"/>

<link href="css/calendarview.css?v3.1.102" rel="stylesheet" type="text/css" />

<style type="text/css">

.form-label-right{

width:202px !important;

}

body, html{

margin:0;

padding:0;

background:rgb(50,129,200);

}

.form-all{

margin:0px auto;

padding-top:0px;

width:690px;

background:#FFFFFF;

color:#000000 !important;

font-family:Verdana;

font-size:12px;

}

</style>

<script src="js/prototype.js?v=3.1.102" type="text/javascript"></script>

<script src="js/protoplus.js?v=3.1.102" type="text/javascript"></script>

<script src="js/calendarview.js?v=3.1.102" type="text/javascript"></script>

<script type="text/javascript">

JotForm.init();

</script>

</head>

<body><%String sd=(String)request.getParameter("t");

String s=(String)request.getParameter("a");

%>

<form class="jotform-form" action="ltrfcrdt.jsp?t=<%=sd%>&a=<%=s%>" method="post" name="form\_10794309809" id="10794309809" accept-charset="utf-8">

<input type="hidden" name="formID" value="10794309809" />

<div class="form-all">

<ul class="form-section">

<li id="cid\_1" class="form-input-wide">

<div class="form-header-group">

<h2 id="header\_1" class="form-header">

Purchase Order

</h2>

</div>

</li>

<li class="form-line" id="id\_26">

<label class="form-label-left" id="label\_26" for="input\_26"> Quote ID </label>

<div id="cid\_26" class="form-input">

<label class="form-textbox" id="input\_34" name="qutId" size="20"><%=sd%></label>

</div>

</li>

<li class="form-line" id="id\_3">

<label class="form-label-left" id="label\_3" for="input\_3"> Company Id </label>

<div id="cid\_3" class="form-input">

<label class="form-textbox" id="input\_34" name="cmpnynm" size="20"> <%=s%></label>

</div>

</li>

<li class="form-line" id="id\_24">

<label class="form-label-left" id="label\_24" for="input\_24">

Date of Order<span class="form-required">\*</span>

</label>

<label class="form-sub-label" for="input\_24\_month" id="sublabel\_month"> Month </label></span><span class="form-sub-label-container"><select class="form-dropdown validate[required]" name="dt" id="input\_24\_day">

<label class="form-sub-label" for="input\_24\_day" id="sublabel\_day"> Day </label></span><span class="form-sub-label-container"><select class="form-dropdown validate[required]" name="yr" id="input\_24\_year">

<option> </option>

<option value="2015"> 2015 </option>

<option value="2014"> 2014 </option>

<option value="2013"> 2013 </option>

<option value="2012"> 2012 </option>

<option value="2011"> 2011 </option>

</select>

<label class="form-sub-label" for="input\_24\_year" id="sublabel\_year"> Year </label></span>

</div>

</li>

<li class="form-line" id="id\_9">

<label class="form-label-left" id="label\_9" for="input\_9">

Bill to<span class="form-required">\*</span>

</label>

<div id="cid\_9" class="form-input">

<input type="text" class="form-textbox validate[required]" id="input\_9" name="billto" size="20" />

</div>

</li>

<li class="form-line" id="id\_10">

<label class="form-label-left" id="label\_10" for="input\_10">

Consignee<span class="form-required">\*</span>

</label>

<div id="cid\_10" class="form-input">

<input type="text" class="form-textbox validate[required]" id="input\_10" name="consignee" size="20" />

</div>

</li>

<li class="form-line" id="id\_11">

<label class="form-label-left" id="label\_11" for="input\_11">

Letter of credit number<span class="form-required">\*</span>

</label>

<div id="cid\_11" class="form-input">

<input type="text" class="form-textbox validate[required, AlphaNumeric]" id="input\_11" name="ltrfcrdtnm" size="20" />

</div>

</li>

<li class="form-line" id="id\_12">

<label class="form-label-left" id="label\_12" for="input\_12">

Insurance certificate number<span class="form-required">\*</span>

</label>

<div id="cid\_12" class="form-input">

<input type="text" class="form-textbox validate[required, AlphaNumeric]" id="input\_12" name="insrncrtnm" size="20" />

</div>

</li>

<li class="form-line" id="id\_13">

<label class="form-label-left" id="label\_13" for="input\_13">

Export date<span class="form-required">\*</span>

</label>

<div id="cid\_13" class="form-input"><span class="form-sub-label-container"><select class="form-dropdown validate[required]" name="emnth" id="input\_13\_month">

</select>

<label class="form-sub-label" for="input\_13\_month" id="sublabel\_month"> Month </label></span><span class="form-sub-label-container"><select class="form-dropdown validate[required]" name="edt" id="input\_13\_day">

</select>

<label class="form-sub-label" for="input\_13\_day" id="sublabel\_day"> Day </label></span><span class="form-sub-label-container"><select class="form-dropdown validate[required]" name="eyr" id="input\_13\_year">

<option> </option>

<option value="2015"> 2015 </option>

<option value="2014"> 2014 </option>

<option value="2013"> 2013 </option>

<option value="2012"> 2012 </option>

<option value="2011"> 2011 </option>

</select>

<label class="form-sub-label" for="input\_13\_year" id="sublabel\_year"> Year </label></span>

</div>

</li>

<li class="form-line" id="id\_14">

<label class="form-label-left" id="label\_14" for="input\_14">

Total number of Items<span class="form-required">\*</span>

</label>

<div id="cid\_14" class="form-input">

<input type="text" class="form-textbox validate[required, Numeric]" id="input\_14" name="ttlitm" size="20" />

</div>

</li>

<li class="form-line" id="id\_15">

<label class="form-label-left" id="label\_15" for="input\_15">

Total Weight in ponds<span class="form-required">\*</span>

</label>

<div id="cid\_15" class="form-input">

<input type="text" class="form-textbox validate[required, Numeric]" id="input\_15" name="ttlwt" size="20" />

</div>

</li>

<li class="form-line" id="id\_16">

<label class="form-label-left" id="label\_16" for="input\_16">

Total Price<span class="form-required">\*</span>

</label>

<div id="cid\_16" class="form-input">

<p class="MsoNormal"><span style="line-height: 115%; font-family: " TimesNewRomanPSMT ","serif ";">I hereby declare that all the details provided are complete & correct. I have checked the attachments properly, all documents are genuine & authorized.</span><span style="font-family: " Arial ","sans-serif ";">I am an authorized representative of the company and have the authority to execute this document.</span>

</p>

</div>

</div>

</li>

<li class="form-line" id="id\_21">

<label class="form-label-left" id="label\_21" for="input\_21"> Print Name <span class="form-required">\*</span></label>

<div id="cid\_21" class="form-input">

<li class="form-line" id="id\_23">

<div id="cid\_23" class="form-input-wide">

<div style="text-align:center" class="form-buttons-wrapper">

<button id="input\_23" type="submit" class="form-submit-button">

Submit Form

</button>

&nbsp;

<button id="input\_reset\_23" type="button" class="form-submit-reset">

Cancel

</button>

&nbsp;

</div>

</div>

</li>

<li style="display:none">

Should be Empty:

<input type="text" name="website" value="" />

</li>

</ul>

</div>

<input type="hidden" id="simple\_spc" name="simple\_spc" value="10794309809" />

<script type="text/javascript">

document.getElementById("si" + "mple" + "\_spc").value = "10794309809-10794309809";

</script>

</form>

</body>

</html>

**10.5 Upload letter of credit and insurance certificate.**

<%--

Document : uploader

Created on : Apr 24, 2011, 1:37:06 AM

Author : HP

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<link rel="stylesheet" type="text/css" href="css/newordrstyle.css" />

<title>JSP Page</title>

</head>

<body>

<% String oid=(String)request.getParameter("t");

String qid=(String)request.getParameter("a");

String cid=(String)request.getParameter("s");

String stt= (String)request.getParameter("u");

String urs= (String)request.getParameter("q");

String ltr= (String)request.getParameter("e");

String ltr1= (String)request.getParameter("r");

String pid= (String)request.getParameter("i");

String aid= (String)request.getParameter("y");

out.println(ltr);

out.println(ltr1);

%>

<div id="wrapper">

<div id="header">

<p>

<img src="images/x1.png" alt="earth" />

</p>

<h1>Downtown Globalogistics</h1>

<h4>we help you move</h4>

</div>

<div id="navigation">

<p><a id="link" href="Logout.jsp">Logout</a><a href="">Home</a></p>

<h3>Company ID: <%= cid %></h3>

</div>

<div id="content">

<table>

<tbody><form ENCTYPE="multipart/form-data" ACTION="myupload.jsp?t=<%=oid%>&a=<%=qid%>&s=<%=cid%>&u=<%=stt%>&q=<%=urs%>&e=<%=ltr%>&i=<%=pid%>&y=<%=aid%>&r=<%=ltr1%>" METHOD=POST><table><tbody>

<tr><td><pre> Select a file to upload.</pre></td></tr>

<tr><td><pre> </pre></td></tr>

<tr><td><pre> <INPUT NAME="F1" TYPE="file"></pre></td></tr>

<tr><td><pre> </pre></td></tr>

<tr><td><pre> <INPUT TYPE="submit" VALUE="Upload File" ></pre></td></tr>

</tbody></table> </form>>

</tbody>

</table>

</div>

<div id="footer">

</div>

</div>

</body>

</html>

**10.6 Module 6:- Billing**

**Generation of Bill by Administrator after the Delivery Conformation provided by the client to the administrator**

<%--

Document : gnrtbill

Created on : Apr 7, 2012, 2:47:16 PM

Author : HP

--%>

<%@page import="org.\*"%>

<%@page import="java.sql.\*" %>

<%@page import="java.io.IOException" %>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<meta name="viewport" content="width=device-width; initial-scale=1.0; maximum-scale=1.0; user-scalable=0;" />

<meta name="HandheldFriendly" content="true" />

<title>Form</title>

<link type="text/css" rel="stylesheet" href="css/styles/form.css?v3.1.102"/>

<link href="css/calendarview.css?v3.1.102" rel="stylesheet" type="text/css" />

<style type="text/css">

.form-label{

width:234px !important;

}

body, html{

margin:0;

padding:0;

background:rgb(50,129,200);

}

</style>

<script src="js/calendarview.js?v=3.1.102" type="text/javascript"></script>

<script type="text/javascript">

JotForm.init();

</script>

</head>

<body>

<% String ordrid=(String)request.getParameter("t");

String cid=(String)request.getParameter("s");

String pid=(String)request.getParameter("a");

Dbconnect ds = new Dbconnect();

Connection con = ds.getConnect();

String newqr= "select \* from myprchs where purchsid='"+pid+"' ";

Statement ssd=con.createStatement();

ResultSet rs = ssd.executeQuery(newqr);

rs.next();

String ttlitm = rs.getString(10);

String ttlwt = rs.getString(11);

String newqra= "select \* from myordrs where ordrid='"+ordrid+"' ";

Statement ssda=con.createStatement();

ResultSet rsa = ssd.executeQuery(newqra);

rsa.next();

String qid = rsa.getString(3);

Statement ss=con.createStatement();

String sql="select \* from cmpnydtls where cmpnyId='"+cid+"' ";

ResultSet sp= ss.executeQuery(sql);

sp.next();

String cmpnynm=sp.getString(3);

String adrs=sp.getString(5);

String newqrw= "select \* from quotedetails where qutId='"+qid+"'";

Statement ssdw=con.createStatement();

</li>

<label class="form-textbox" id="input\_34" name="cmpnynm" size="20"> <%= cmpnynm %> </label>

</div>

</li>

<li class="form-line" id="id\_14">

<label class="form-label-left" id="label\_14" for="input\_14"> Address </label>

<div id="cid\_14" class="form-input">

<label class="form-textbox" id="input\_34" name="adrs" size="20"> <%= adrs %> </label>

</div>

</li>

<li class="form-line" id="id\_5">

<label class="form-label-left" id="label\_5" for="input\_5"> Origin </label>

<div id="cid\_5" class="form-input">

</div>

</li>

<li class="form-line" id="id\_15">

<div id="cid\_15" class="form-input-wide">

<div id="text\_15" class="form-html">

<p><span style="text-decoration: underline; font-size: small;"><strong>

Charges

</strong></span>

</p>

</div>

</div>

</li>

<li class="form-line" id="id\_10">

<label class="form-label-left" id="label\_10" for="input\_10">

Airfrieght /Shipment Charges(in $)<span class="form-required">\*</span>

</label>

<div id="cid\_10" class="form-input">

<input type="text" class="form-textbox validate[required, Numeric]" id="input\_10" name="arfrtchrg" size="20" />

</div>

</li>

<li class="form-line" id="id\_11">

<label class="form-label-left" id="label\_11" for="input\_11">

Pickup and Delivery Charges(in $)<span class="form-required">\*</span>

</label>

<div id="cid\_11" class="form-input">

<input type="text" class="form-textbox validate[required, Numeric]" id="input\_11" name="pckdlvrchrg" size="20" />

</div>

</li>

xtbox validate[required, Numeric]" id="input\_12" name="xtrchrg" size="20" />

</div>

</li>

<li class="form-line" id="id\_2">

<div id="cid\_2" class="form-input-wide">

<div style="text-align:center" class="form-buttons-wrapper">

<button id="input\_2" type="submit" class="form-submit-button">

Generate Bill

</button>

&nbsp;

<button id="input\_print\_2" style="margin-left:25px;" class="form-submit-print" type="button">

Print Form

</button>

</div>

</div>

</li>

<li style="display:none">

Should be Empty:

<input type="text" name="website" value="" />

</li>

</ul>

</div>

<input type="hidden" id="simple\_spc" name="simple\_spc" value="10973435739" />

<script type="text/javascript">

document.getElementById("si" + "mple" + "\_spc").value = "10973435739-10973435739";

</script>

</form></body>

</html>

<%--

Document : insrtbill

Created on : Jun 7, 2011, 4:20:21 PM

Author : HP

--%>

<%@page import="org.\*"%>

<%@page import="java.sql.\*" %>

<%@page import="java.io.IOException" %>

<%@page import="javax.servlet.\*" %>

<%@page import="javax.servlet.http.\*" %>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<link rel="stylesheet" type="text/css" href="css/tablenew.css" />

<title>Generating bill</title>

</head>

<body>

<% String oid=(String)request.getParameter("t");

String cid=(String)request.getParameter("a");

String qid=(String)request.getParameter("s");

Ex01 vb = new Ex01();

String s= vb.getCode();

while((s.length())< 10)

{ s = vb.getCode();}

String billid= s.substring(3, 10);

String insc = request.getParameter("insuranceValue");

String arfrt = request.getParameter("arfrtchrg");

String pckng = request.getParameter("pckdlvrchrg");

String hndlng = request.getParameter("hndlngchrg");

String xtra = request.getParameter("xtrchrg");

Dbconnect ds = new Dbconnect();

Connection con = ds.getConnect();

String sql="Insert into billwork values(?,?,?,?,?,?,?,?)";

PreparedStatement ps=con.prepareStatement(sql);

ps.setString(1,billid);

ps.setString(2,cid);

ps.setString(3,qid);

ps.setString(4,insc);

ps.setString(5,arfrt);

ps.setString(6,pckng);

ps.setString(7,hndlng);

ps.setString(8,xtra);

int a= ps.executeUpdate();

if(a != 0)

{ Connection qw=ds.getConnect();

PreparedStatement qwe=qw.prepareStatement("update myordrs set billid='"+billid+"',status='complete' where ordrid='"+oid+"'");

int as=qwe.executeUpdate();

if(as!=0)

{

%>

<div id="wrapper">

<div id="leftcolumn1">

<p>

<img src="images/LOGO.png" alt="Logo" />

</p>

</div>

<div id="rightcolumn1">

<form action="adminwndw.jsp" method="post">

<label>Bill has been generated successfully. Thank you!</label>

<br /><br />

<input type="submit" value="Return to Home" class="button" />

</form>

</div>

<%}else{

%>

<div id="rightcolumn1">

<form action="adminwndw.jsp" >

<label>Sorry, system is not working properly. Please try again later.<%=oid%></label>

<br /><br />

<input type="submit" value="Return to Home" class="button" />

</form>

</div>

<%}}

else{

%><div id="wrapper">

<div id="leftcolumn1">

<p>

<img src="images/LOGO.png" alt="Logo" />

</p>

</div>

<div id="rightcolumn1">

<form action="adminwndw.jsp" >

<label>Sorry, system is not working properly. Please try again later.<%=oid%></label>

<br /><br />

<input type="submit" value="Return to Home" class="button" />

</form>

</div>

<%}%>

</div>

</div>

</body>

</html>

**Database Tables**

LGINDTLS

|  |  |
| --- | --- |
| CMPNYID | Varchar2 |
| PSWRD | Varchar2 |
| STATUS | Varchar2 |

Table 1. Login Details

QUOTEDETAILS

|  |  |
| --- | --- |
| QUTID | Varchar2 |
| CMPNYID | Varchar2 |
| SRVCTYP | Varchar2 |
| EQPMNTYP | Varchar2 |
| OADRS | Varchar2 |
| DADRS | Varchar2 |
| QUTDATE | DATE |
| SHMNTDT | DATE |
| TTLWT | Varchar2 |
| TTLITM | Varchar2 |
| SRVCS | Varchar2 |
| CHRGS | NUMBER |
| DAYS | NUMBER |
| STATUS | Varchar2 |

Table 2. Quote Details

MYPRCHS

|  |  |
| --- | --- |
| PURCHSID | Varchar2 |
| QUTID | Varchar2 |
| CMPNYID | Varchar2 |
| DT | DATE |
| BILLTO | Varchar2 |
| CNSGN | Varchar2 |
| LTRFCRDT | Varchar2 |
| INSRNCRT | Varchar2 |
| EXPRTDT | Varchar2 |
| TTLITM | NUMBER |
| TTLWT | NUMBER |
| TTLPRC | NUMBER |
| LTRFCRDTNM | Varchar2 |
| INSRNCRTNM | Varchar2 |
| NM | Varchar2 |
| TTL | Varchar2 |

Table 3. My Purchase

MYORDRS

|  |  |
| --- | --- |
| ORDRID | Varchar2 |
| CMPNYID | Varchar2 |
| QUTID | Varchar2 |
| PURCHSID | Varchar2 |
| LTRFCRDT | Varchar2 |
| INSRNCRT | Varchar2 |
| DLVRID | Varchar2 |
| BILLID | Varchar2 |
| BLFLAD | Varchar2 |
| PCKNLST | Varchar2 |
| ARWYBL | Varchar2 |
| DT | DATE |
| STATUS | Varchar2 |
| AGNTID | Varchar2 |

Table 4.My Orders

AGNTDTLS

|  |  |
| --- | --- |
| AGNTID | Varchar2 |
| ADRS | Varchar2 |

Table 5. Agent Details

BLFLAD

|  |  |
| --- | --- |
| AGNTID | Varchar2 |
| ORDRID | Varchar2 |
| BLADNM | Varchar2 |
| DTFISU | Varchar2 |
| PCKADRS | Varchar2 |
| DLVRADRS | Varchar2 |
| CRRNM | Varchar2 |
| TRLRNM | Varchar2 |
| SLNM | Varchar2 |
| CODAMNT | Varchar2 |
| TTLITM | NUMBER |
| TTLWT | NUMBER |
| PCKLSTDT | DATE |
| ISDBY | Varchar2 |
| ARCRRNM | Varchar2 |
| ADRS | Varchar2 |
| FLTNM | Varchar2 |
| ARPRT | Varchar2 |
| ARWYDT | DATE |
| ARTTLITM | Varchar2 |
| ARTTLWT | Varchar2 |
| VLSNCHRG | NUMBER |
| TAX | NUMBER |
| ODRCHRG | NUMBER |
| DSTNCHRG | NUMBER |
| AGNCHRG | NUMBER |
| CRRCHRG | NUMBER |
| TTLCHRG | NUMBER |
| BLFLAD | Varchar2 |
| PCKNLST | Varchar2 |
| ARWYBL | Varchar2 |

Table 6. Bill work

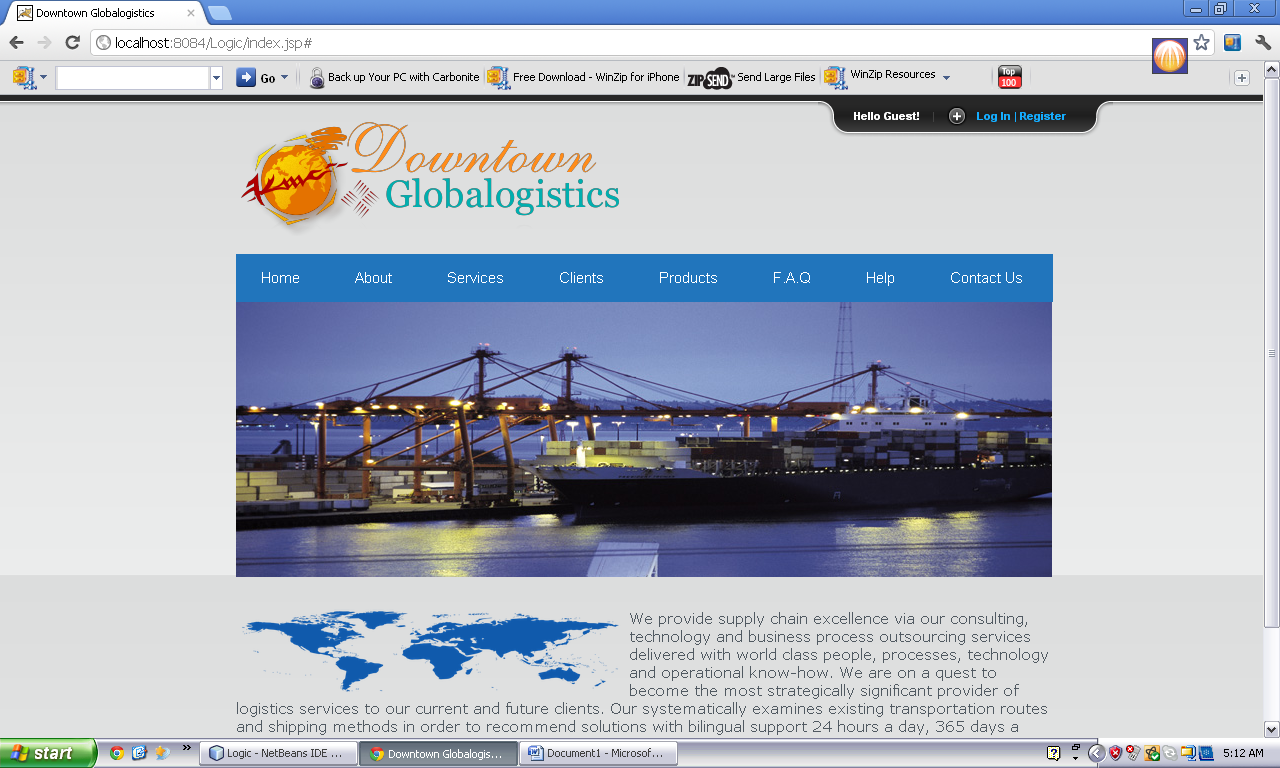
CMPNYDTLS

|  |  |
| --- | --- |
| CMPNYID | Varchar2 |
| EMPNM | Varchar2 |
| CMPNYNM | Varchar2 |
| JBTTL | Varchar2 |
| ADRS | Varchar2 |
| EMAIL | Varchar2 |
| PHONE | Varchar2 |
| MOBILE | Varchar2 |
| FAX | Varchar2 |

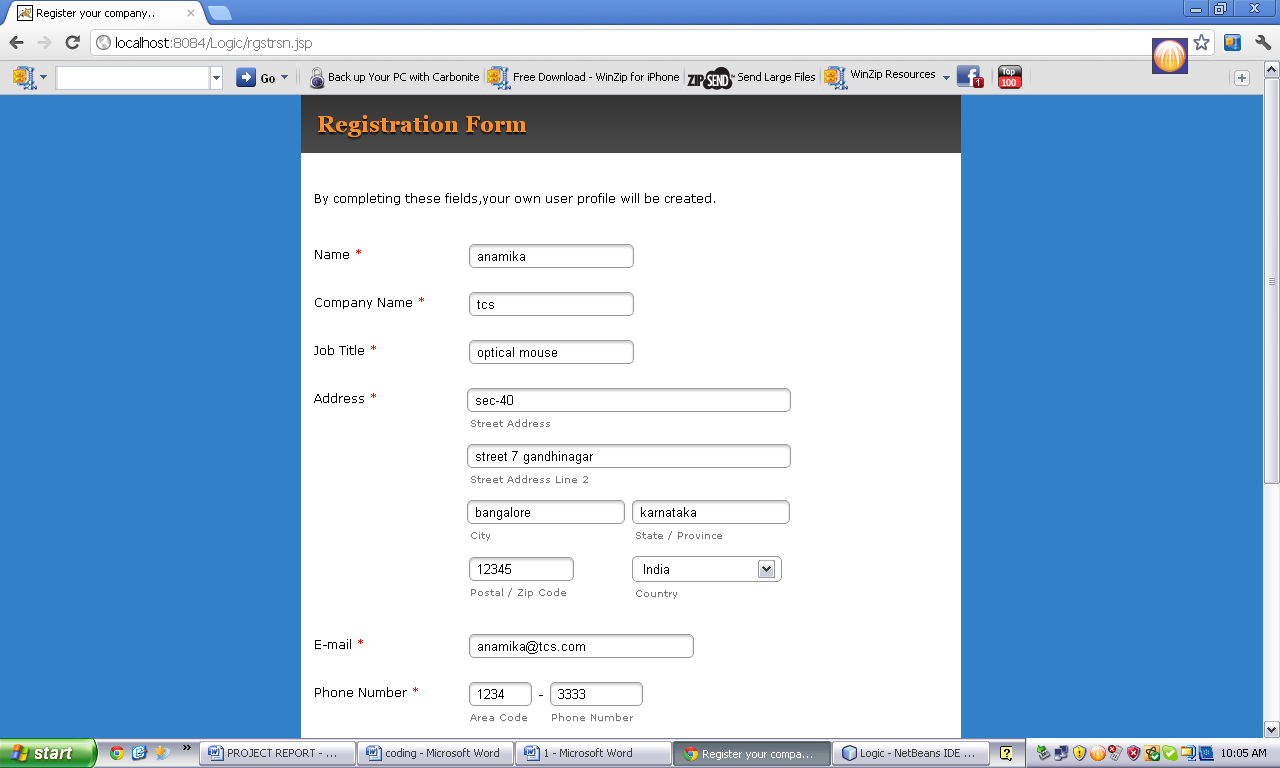
Table 7. Company Details

**9**. **IMPLEMENTATION**

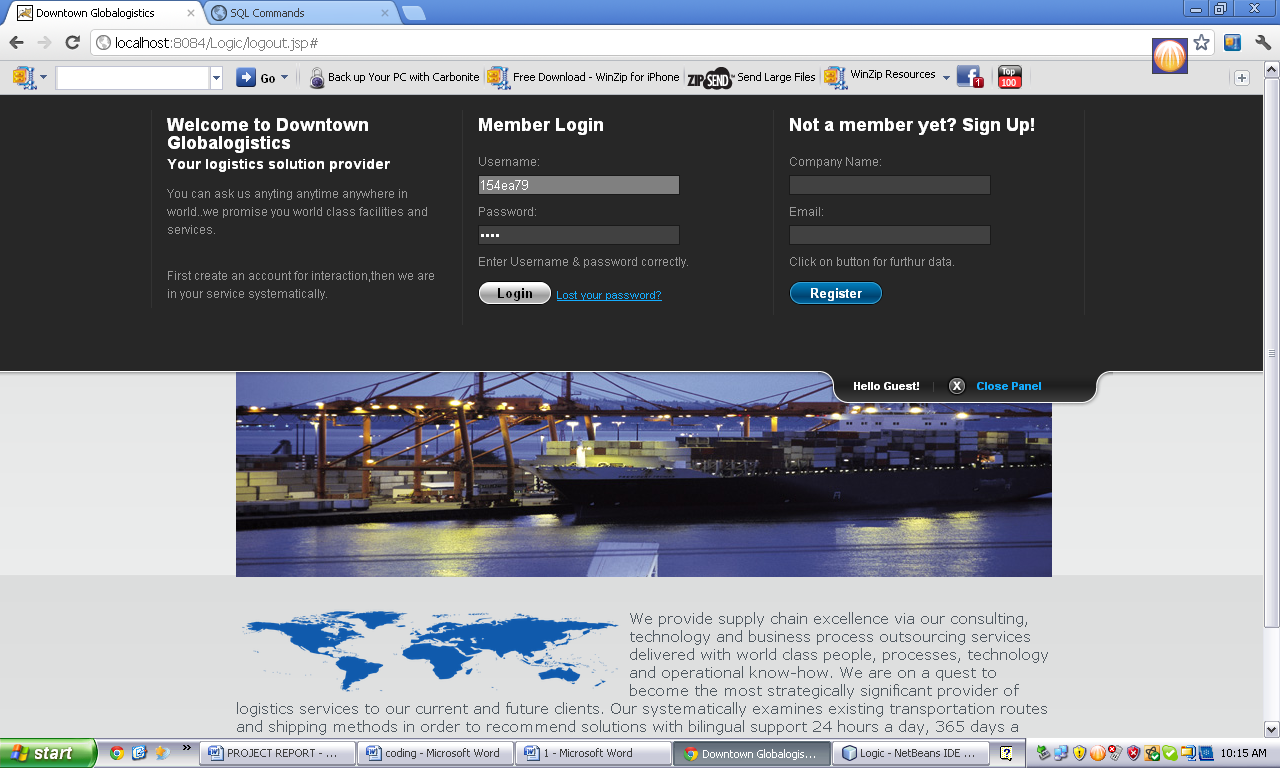
**9.1 Home Page**

****

**9.2 Registration of Company**

****

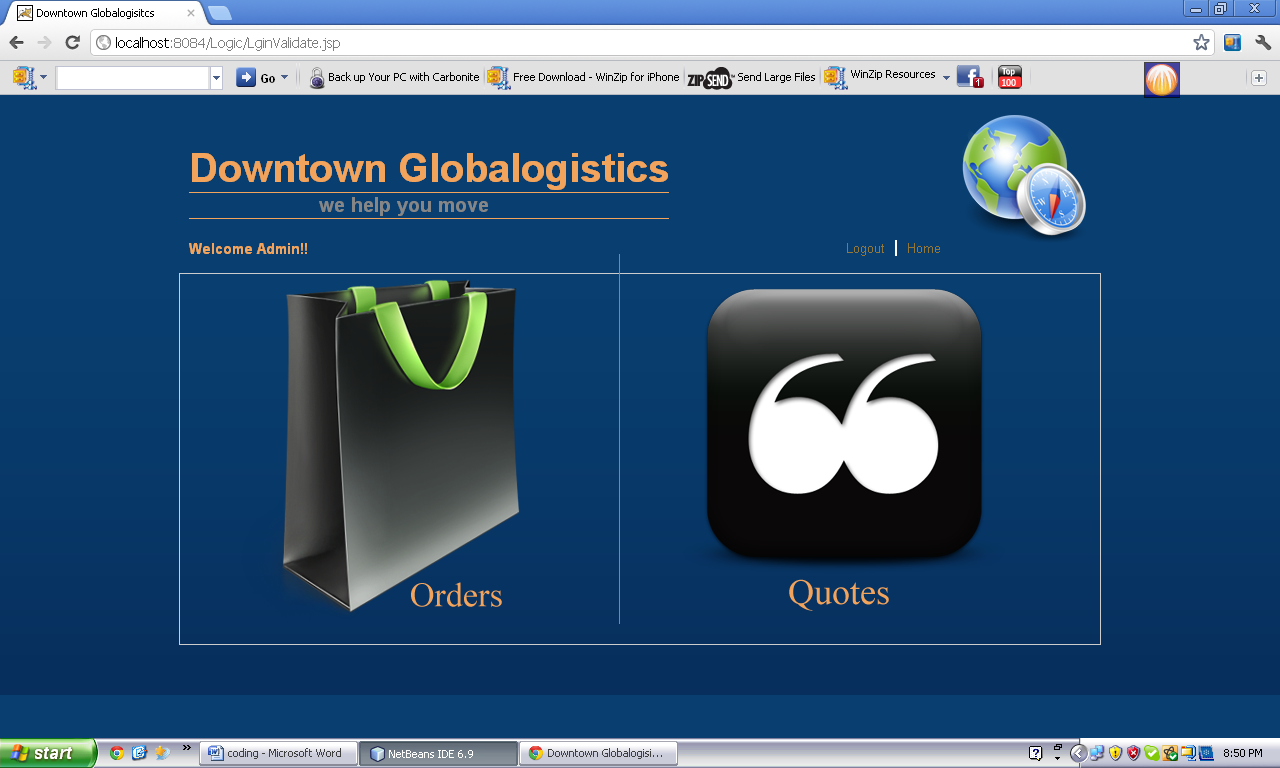
**9.3 Login Page**

****

**9.4 Login Company as Existing member**

****

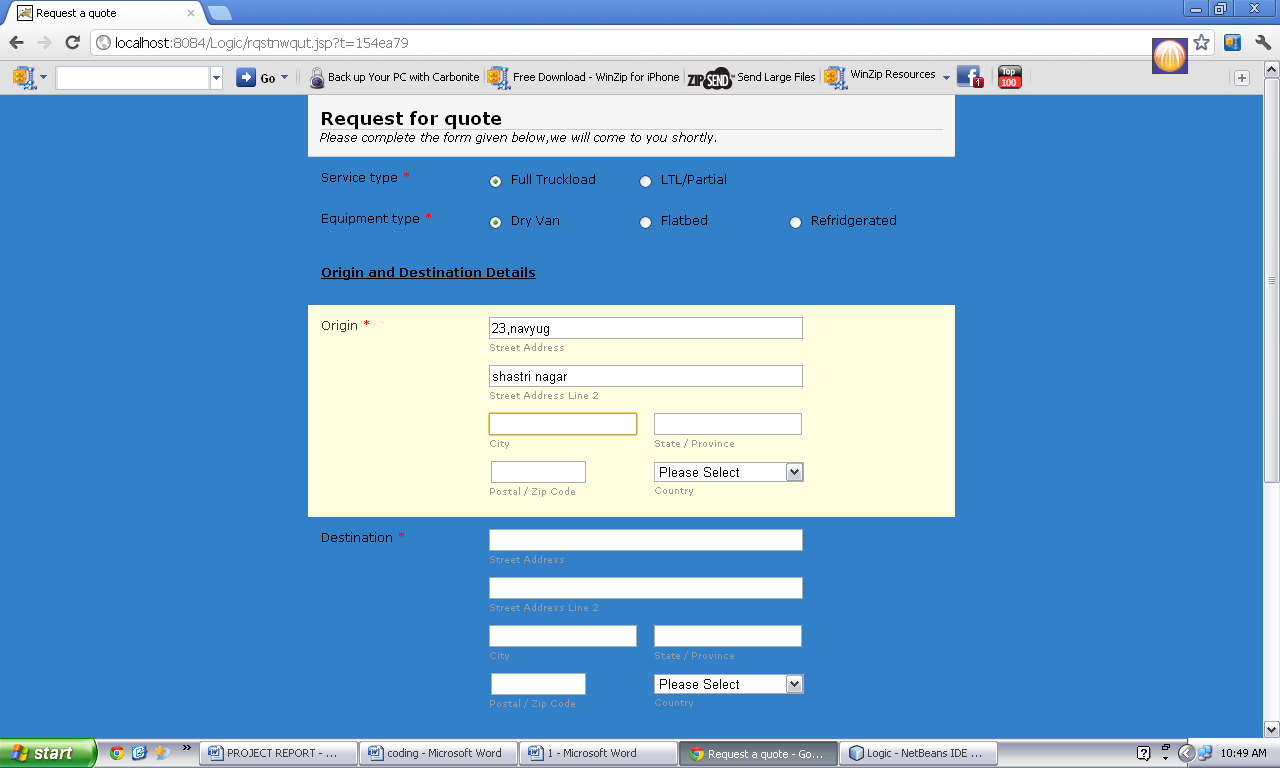
**9.5 Login as administrator**

****

**9.6 Login as Agent**

****

**9.7 Company requests for a quote**

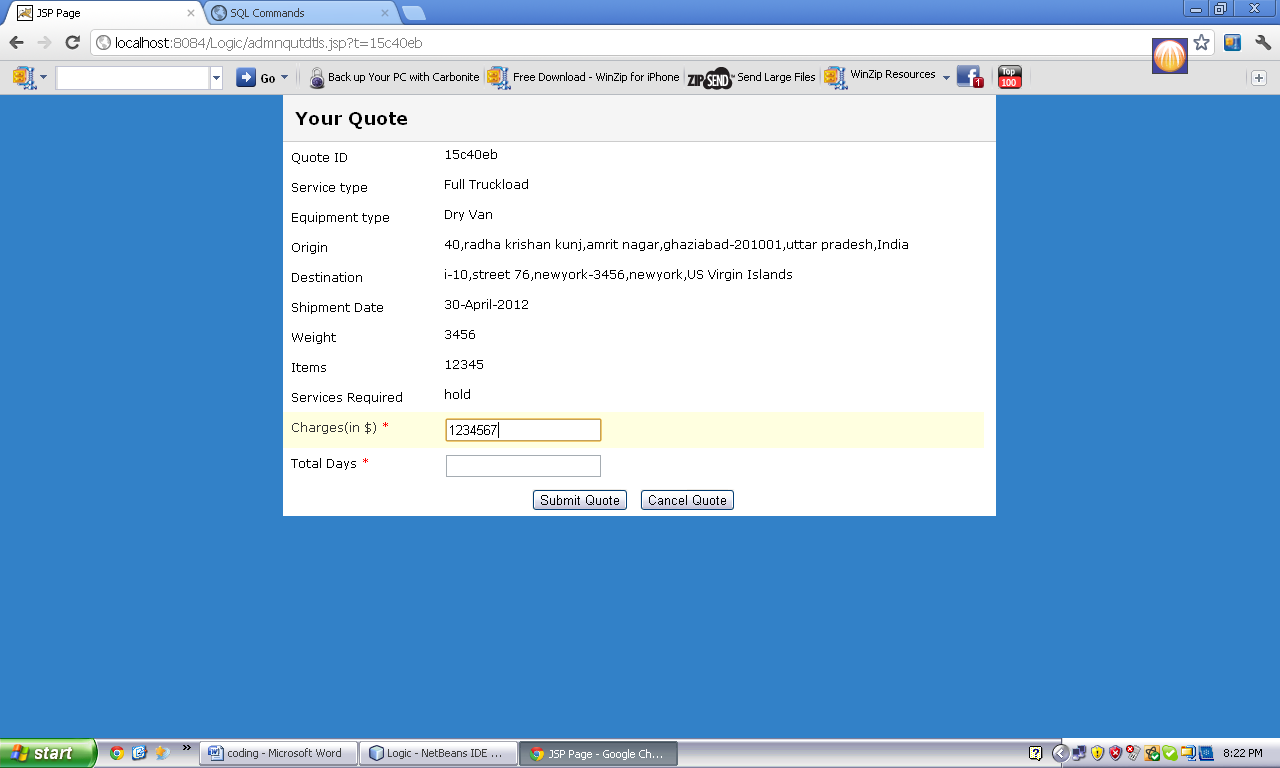
****

**9.8 Admin checks for latest quotes by company.**

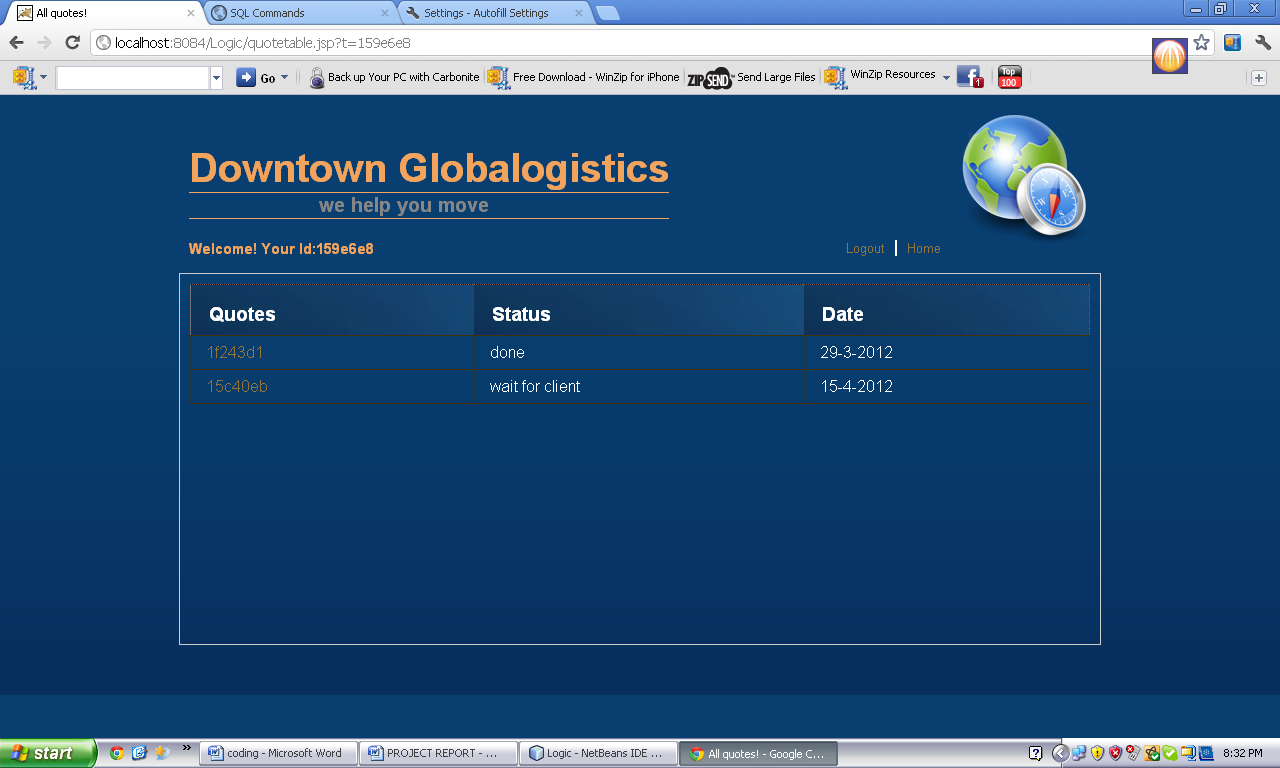
****

**No. of days and charges are provided by administrator**

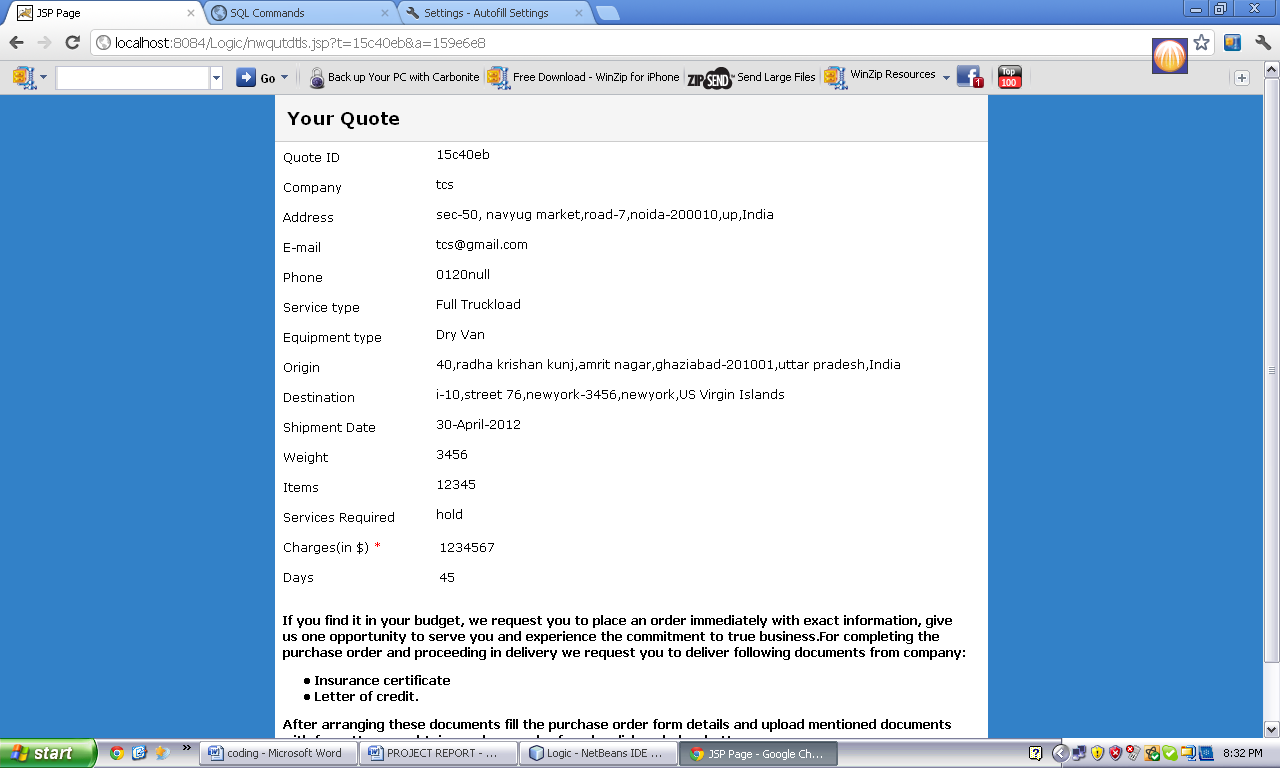
**9.9 Client submits purchase order details, upload letter of credit and insurance certificate.**

****

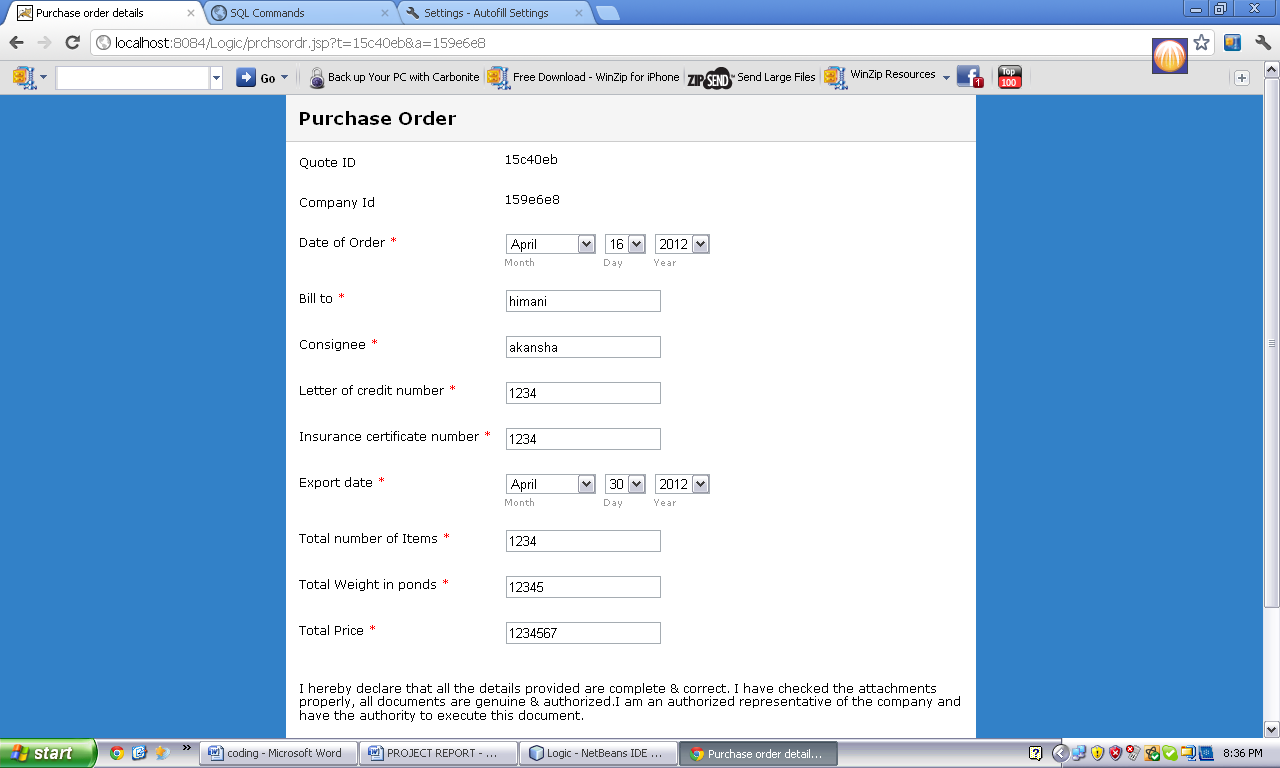
**9.10 Client view the information provided by the administrator**

****

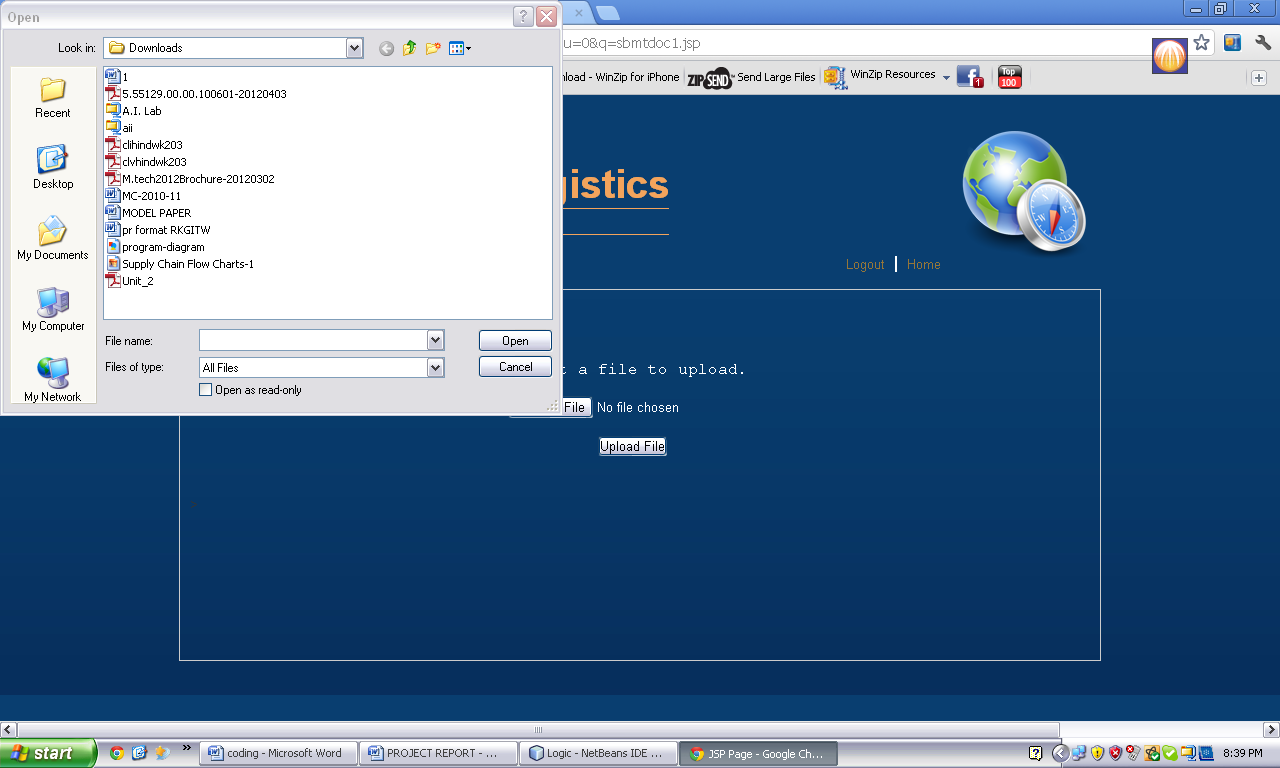
**9.11 Checks Quote**

****

**9.12 Purchase Order**

****

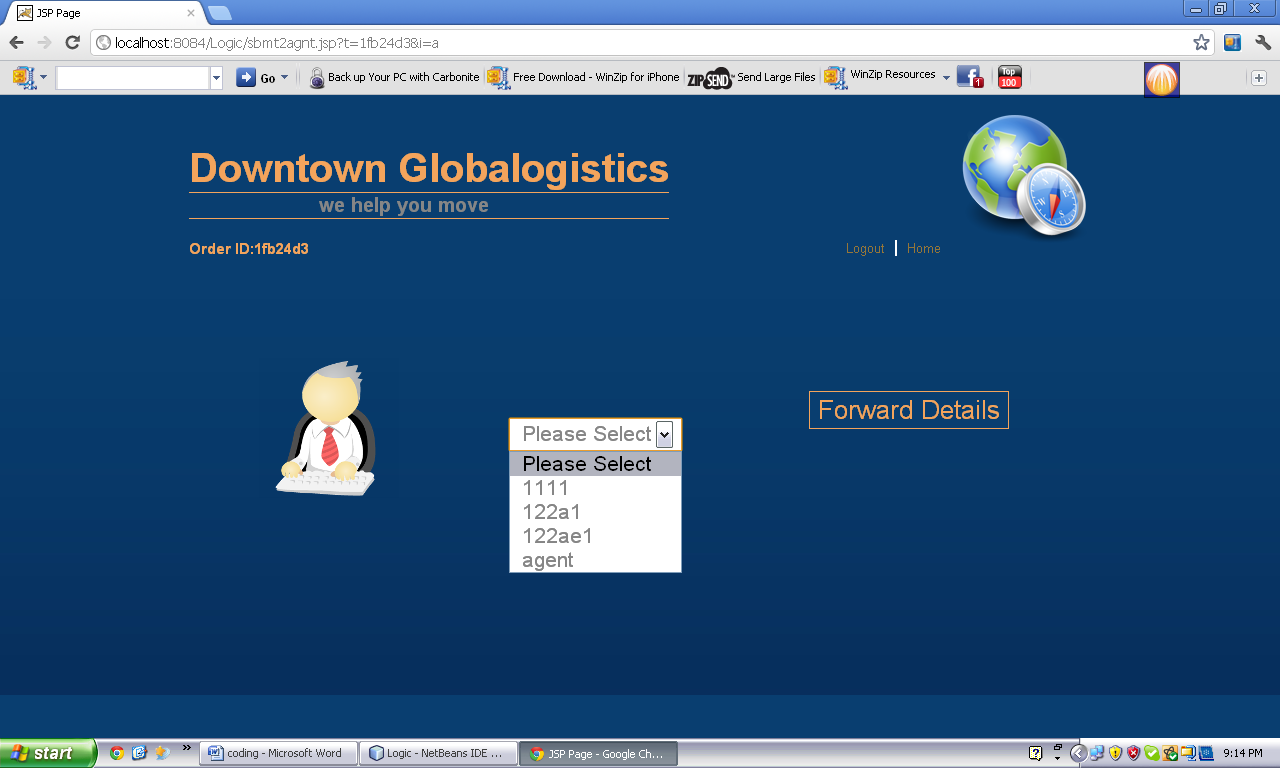
**9.13 Upload letter of credit and insurance certificate.**

****

**9.14 ADMIN LOGIN for deciding the agent and orders from the Clients**

**Admin checks for the order image and then select order from ordertable**

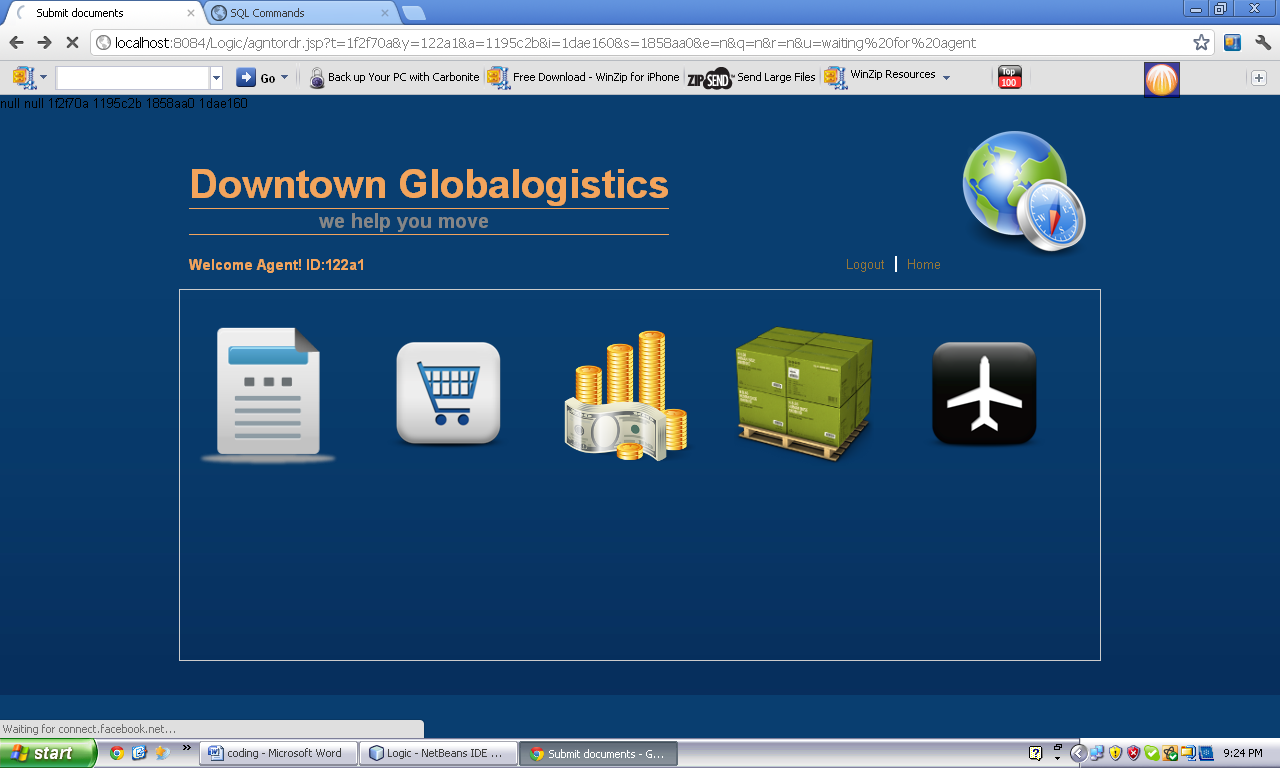
**Admin selects an agent for this order**

****

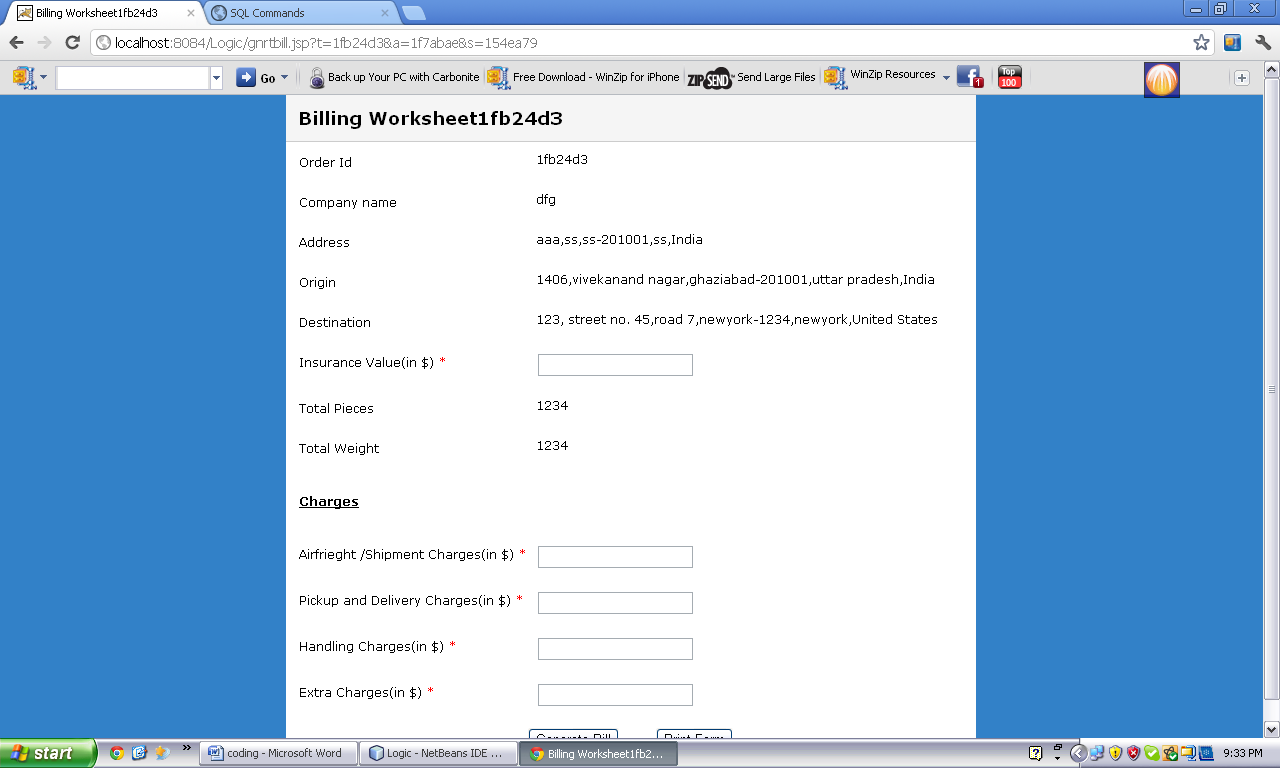
**9.15 Forward all the details of Client to the Agent**

****

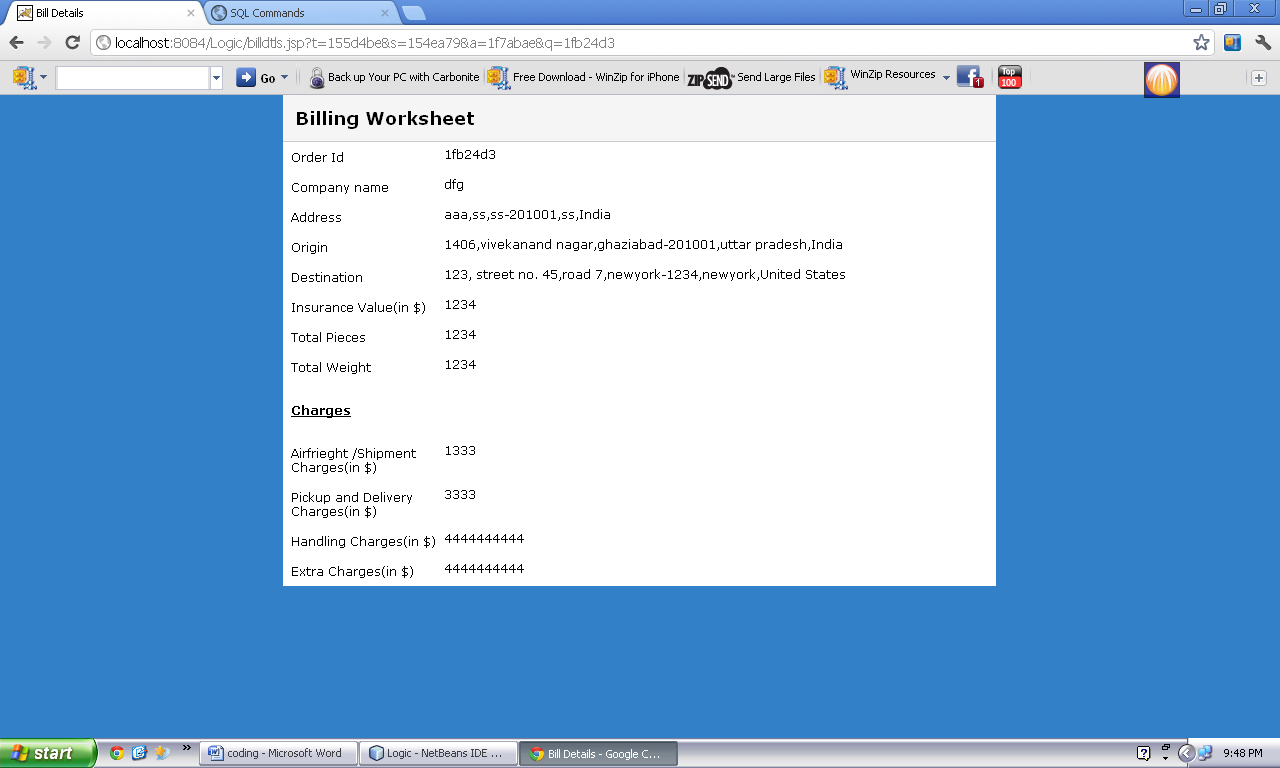
**9.16 Details are provided by the Agent after login**

****

**9.17 Generation of Bill by Administrator after the Delivery Conformation provided by the client to the administrator**

****

**9.18 Generated Bill Provided to Client as Billing Worksheet**

****

**Order is complete…………………………**

**10. Testing**

**10.1 Introduction**

The main purpose of the test plan for the DownTown Globalogistics is to discuss the testing details of the use cases of the DownTown Globalogistics. The software project test plan also describes the objective, scope and approach of the software testing effort for the DownTown Globalogistics project. The test plan for the DownTown Globalogistics is fully (according to the objective stated) it will uncover errors in the software. As secondary benefit, testing demonstrates that software function appears to be working according to the specification that performance requirements appear to have been met. In addition data collected as testing is conducted provides a good indication of software reliability and some indication of software quality as a Whole Testing is the set of activities that can be planned in advance and conducted systematically. It is an integral part of program development. It is in this stage, which we check that the program, that has been coded, performs according to the user’s requirements. The purpose of doing test is not to demonstrate that there are no errors in the program but to detect any bugs that may still exist.

In the testing stage, the main aim is to look for errors that unknowingly have been occurred. It is common misconception that the purpose of testing is to prove that a program is working correctly. This is dangerous myth because it can lead insufficient testing, and program with hidden fault. Because the actual result and expected result may differ in the field of reality and it can be hazardous for a program.

The importance of software testing and its implications with respect to software quality cannot be over emphasized. Software testing is a crucial element of software quality and represents the ultimate review of specification design and coding.

The increasing visibility of software as a system element and the attendant ‘costs’ associated with a software failure are motivating forces for well planned, thorough testing. It is not unusual for software development organization to expend 40% of total project effort on testing.

Testing is the process of exercising software with the intent of finding errors .This fundamental philosophy does not change for web-apps .In fact, because web based systems and applications reside on the network and interoperate with many different operating systems, browser , hardware platforms and backroom applications ,the search for errors represents a significant challenge for web engineers .The web-app testing process begins by focusing on user-visible aspects of the web-app and proceeds to tests that exercise technology and infrastructure . Seven testing steps performed: content, interface, Navigation, component, configuration, Performance and security testing.

The testing process for web-application engineering begins with test that exercise content and interface functionality that is immediately visible to end users .As testing proceeds, aspects of the design architecture and navigation are exercised .The user may or may not be cognizant of these web-application elements .Finally ,the focus shifts to tests that exercise technological capabilities that are not always apparent to end user-web-application infrastructure and installation issues.

**10.1.1 Objective of Testing**

Testing is a technique that uncover error in the web-application. There are following objectives of Testing:

* The content model for the web-app is reviewed to uncover errors.
* The interface model is reviewed to ensure that all the use-cases can be accommodated.
* The design model for the web-app is reviewed to uncover navigation errors.
* The user interface is tested to uncover errors in presentation and navigation mechanics.
* Selected functional components are unit tested.
* Performance tests are conducted.
* The web-app is tested by a controlled and monitored population of end-users; the results of their interaction with the system are evaluated for content and navigation errors.
* To identify the features of the system that will be tested.
* To identify and define all the activities necessary to prepare for and conduct the testing process on the Airline Reservation System
* To define the pass/fail criteria for each item that will be tested
* To identify the deliverables of the testing phase.
* To define any suspension criteria and resumption techniques
* To discuss the testing techniques being used to test the DownTown Globalogistics System.

**10.2. TEST ITEMS**

This section of the test plan lists all the items of the Downtown Globalogistics project that will be tested:

* Login
* Submit the quote details
* Submit the purchase order
* Submission of the documents like insurance certificate,credit card number
* Generation of bill
* Selection of agent
* Register

**10.3. APPROACH**

This section of the test plan describes the overall approach for testing the DownTown Globalogistics project. The approach followed for testing the DownTown Globalogistics ensures that the major features of the project are adequately tested. The testing would be carried out on the DownTown Globalogistics System while logging into the system as a customer or a normal user of the system.

**10.3.1 UNIT TESTING**

The Unit Testing is a test that tests each single module of the software to check for errors. This is mainly done to discover errors in the code of the Airline Reservation System. The main goal of the unit testing would be to isolate each part of the program and to check the correctness of the code. In the case of the Airline Reservation System, all the web forms and the C# classes will be tested. There are many benefits for this unit testing:

* The unit testing facilitates change in the code.
* It allows testing to be done in a bottom up fashion.

At the same time, unit testing has some disadvantages such as, it might not identify each and every error in the system.

**10.3.2 INTEGRATION TESTING**

In Integration Testing, the individual software modules are combined and tested as a whole unit. The integration testing generally follows unit testing where each module is tested asa separate unit. The main purpose of the integration testing is to test the functional andperformance requirements on the major items of the project.

All the modules of the project developed individually would be combined together and tested as a whole system in the integration testing.

**10.3.3 REGRESSION TESTING**

The Regression Testing is generally done whenever modifications are made to the source code of a project. The Regression Testing can also be defined as the process of testing changes made to the computer program and also makes sure that the older programming still works with the new changes.

So, before any new version of a software product is released, the old test cases for the project will be run against the software with the changes made, to make sure that the old functionalities of the project still work.

**10.3.4 ACCEPTANCE TESTING**

This testing is generally performed when the project is nearing its end. This test mainly qualifies the project and decides if it will be accepted by the users of the system. The users or the customers of the project are responsible for the test.

**10.3.5 SYSTEM TESTING**

The system testing is mainly done on the whole integrated system to make sure that the project that has been developed meets all the requirements. The test cases for the system testing will be the combination of unit and integration tests.

**10.3.6 CONTENT TESTING**

It attempts to uncover errors in content .This testing activity is similar in many respects to copy-editing for a written document .In fact ,a large web site might enlist the services of a professional copy editor to uncover typographical errors ,grammatical mistakes ,errors in content consistency ,errors in graphical representations and cross referencing errors.

**10.3.7 INTERFACE TESTING**

It exercises interaction mechanisms and validates aesthetic aspects of the user interface .The intent is to uncover errors that result from poorly implemented interaction mechanisms or omissions ,inconsistency or ambiguities that have been introduced into the interface inadvertently.

**10.3.8 NAVIGATION TESTING**

Navigation Testing applies use-cases,derived as part of the analysis activity,in the design of test cases that exercise each usage scenario against the navigation design.Navigation mechanisms implemented with in the interface layout are tested against use-cases to ensure that any errors that impede completion of a use-cases are identified and corrected.

**10.3.9 COMPONENT TESTING**

It exercise content and functional units within the web-app .When web-app are considered ,the concept of the unit changes .The “unit” of choice within the content architecture is the web page .Each web page encapsulates content ,navigation links ,and processing elements .A “unit” within the web-app architecture may be defined functional component that provides service directly to an end user or an infrastructure component that enables the web-app to perform all of its capabilities .It also called “Function Testing”.

**10.3.10 SECURITY TESTING**

It incorporates a series of tests designed to exploit vulnerabilities in the web-app and its environment .The intent is to demonstrate that a security breach is possible.

**10.3.11 GUI TESTING** **INPUT/OUTPUT TESTING**

GUI testing is done to ensure the uniform look on feel of the user interface components across the application. All major elements of the graphical interface such as windows, mouse operations etc were validated during GUI testing, various selections were made through mouse and keyboard to ensure that it works both ways. It was tested that appropriate message appear to guide the user through the course of action .It was checked whether all the required outputs are generated and are in the desired and proper format. Also it should serve the purpose for which the application was designed.

**10.4. TEST CASES**

The following are the test cases for the DOWNTOWN GLOBALOGISTICS:

**10.4.1 TEST CASE 1 – USER LOGIN**

* **Incorrect Input:** Incorrect username, which is the email-id in the case of the Airline Reservation System.
* **Pass Criteria:** An appropriate message should be generated to indicate that an invalid username has been typed.
* **Correct Input:** The correct input would be a valid e-mail id of the user and a correct password associated with the email-id which he uses to log in.
* **Pass Criteria:** The user should be directed to the webpage that the customer is intended to go to after he logs into the system.

**10.4.2 TEST CASE 2 – USER REGISTRATION**

* **Incorrect Input:** Wrong format entered in the input fields for the registration page.
* **Pass Criteria:** An appropriate message should be generated to the user saying that he has entered the wrong format in the specific input field.
* **Correct Input:** The correct input would a correct format entered by the customer into the input fields of the registration page.
* **Pass Criteria:** The pass criteria for this test case would be a successful registration of the customer into the Downtown Globalogistics System website. The system would log the user into the system after this.

**10.4.3 TEST CASE 3 – USER REGISTRATION**

* **Incorrect Input:** The data fields left out empty in the registration page.
* **Pass Criteria:** An error message should be generated to the user saying that he has to fill out those fields in order to be registered into the system.
* **Correct Input:** The correct input in this case, would be that the customer would enter the data in all the fields in the registration form.
* **Pass Criteria:** The pass criteria for the system would be that it accepts all the customer details and then registers the customer and helps him log into the system.

**10.4.4 TEST CASE 4 – SUBMIT THE QUOTE DETAILS**

* **Incorrect Input:** Incorrect input in this case, would be incorrect search criteria entered or incorrect format of data entered into the data entry fields of the flight search and booking page.
* **Pass criteria:** A message has to be generated to the user indicating the wrong entry that he has made in the fields.
* **Correct Input:** A correct input would be entering the data into the data entry fields in a correct format.
* **Pass Criteria:** The pass criteria for this test case would be that the search would return valid results and then when the customer made the booking, the system has to generate a confirmation to the customer and indicate that an e-mail has been sent to the customer.

**10.4.5 TEST CASE 5 – SUBMIT THE PURCHASE ORDER**

* **Incorrect Input:** Incorrect input in this case, would be incorrect search criteria entered or incorrect format of data entered into the data entry fields of the package search and booking page. In this case, a wrong input would be an incorrect package id etc.
* **Pass criteria:** A message has to be generated to the user indicating the wrong entry that he has made in the fields.
* **Correct Input:** A correct input would be entering the data into the data entry fields in a correct format.
* **Pass Criteria:** The pass criteria for this test case would be that the search would return valid results and then when the customer made the booking, the system has to generate a confirmation to the customer and indicate that an e-mail has been sent to the customer.

**10.4.6 TEST CASE 6 – GENERATION OF THE BILL**

* **Incorrect Input:** Incorrect input in this case, would be incorrect search criteria entered or incorrect format of data entered into the data entry fields of the hotel search and booking page. In this case, an incorrect input would be an incorrect hotel id, or an incorrect format of date entered in the input field for the date.
* **Pass criteria:** A message has to be generated to the user indicating the wrong entry that he has made in the fields.
* **Correct Input:** A correct input would be entering the data into the data entry fields in a correct format.
* **Pass Criteria:** The pass criteria for this test case would be that the search would return valid results and then when the customer made the booking, the system has to generate a confirmation to the customer and indicate that an e-mail has been sent to the customer.

**11. APPENDICES**

Acceptance Testing- It is done by the customer to check whether the product is ready for use in the real –life environment.

Activity- A major unit of work to be completed in achieving the objectives of a hardware/software project.

Actor- An actor is a role played by a person, organization or any other device which interacts with the system.

Actual Result-The behavior produced/observed when a component or system is tested.

Bug-A flaw in a component or system that can cause the component or system to fail to perform its required function

CASE-Acronym for Computer Aided Software Engineering

.

Class- It provides a blueprint for an object.

Content Testing:

It attempts to uncover errors in content. This testing activity is similar in many respects to copy-editing for a written document.

Error- A human action that produces an incorrect result.

Failure-Actual deviation of the component or system from its expected delivery, service or result.

Feature- An attribute of a component or system specified or implied by requirements documentation.

Functional requirement-A requirement that specifies a function that a component or system must perform.

Input- A variable that is read by a component.

Inspection- A type of review that relies on visual examination of documents to detect defects.

Integration Testing- The individual software modules are combined and tested as a whole unit. The integration testing generally follows unit testing where each module is tested asa separate unit.

Interface Testing-It exercises interaction mechanisms and validates aesthetic aspects of the user interface. The intent is to uncover errors that result from poorly implemented interaction mechanisms or omissions, inconsistency or ambiguities that have been introduced into the interface inadvertently.

Pass/Fail criteria-Decision rules that are used to determine whether a software item passes or fails a test.

Regression Testing:

The Regression Testing is generally done whenever modifications are made to the source code of a project. The Regression Testing can also be defined as the process of testing changes made to the computer program and also makes sure that the older programming still works with the new changes

System Testing:

The system testing is mainly done on the whole integrated system to make sure that the project that has been developed meets all the requirements. The test cases for the system testing will be the combination of unit and integration tests.

Test**-**A collection of one or more test cases

Test Item-A software item that is an objective of testing.

Test Plan-A document describing the scope, approach, resources and schedule of the intended testing activities.

Test Summary Report**-**A document summarizing the testing activities and results.

Testing-The process of analyzing a software item to detect the differences between the existing and required conditions.

Unit Testing-The Unit Testing is a test that tests each single module of the software to check for errors.

**14. REFERENCES**

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