WAP Enabled AUCTION House

PROJECT REPORT

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IN PARTIAL FULFILMENT OF THE REQUIREMNTS

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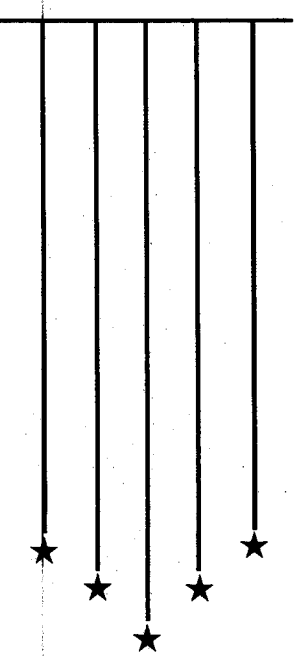

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Department of Computer Science and Engineering

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CERTIFICATE

This is to certify that the Project Report entitled

WAP Enabled AUCTION House

is a bonafide record of work done by

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in partial fulfillment of the requirements for the award of Degree of

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BHARATH
ADVANCED TECHNOLOGIES
Technology for future

Certificate

To Whomsoever It May Concern

Certified that this thesis **"Wap Enabled Auction House"** is the bonafide work of **Ms.G.Harini, Ms.NithyaInbamani, Ms.S.Priyadarshini** who have carried out the project under our supervision, certified further that to the best of our knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate. The Documentation submitted by the group was well compiled and the project completely satisfied our expectations.

Director

A. Ganesh Kumar.

Project Guide

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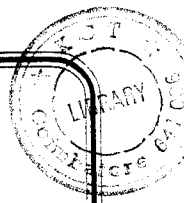
Kumaresh . K



DEDICATION

THIS IS DEDICATED TO MY BELOVED
PARENTS AND TO ALL THOSE WHO WORK
TO MAKE THE WORLD A BETTER
PLACE TO LIVE.

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any taste would be but incomplete without the mention of the people who made this possible and whose constant guidance and encouragement crowns all efforts with success.

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Finally, we sincerely thank all our friends who have contributed in the form of ideas, constructive criticisms and encouragement for the successful completion of the project.

CONTENTS

SYNOPSIS

The project entitled GoingGoingGone.com has been undertaken as a pilot venture to fulfill the following objectives :

1. To develop a Generic Auction House.
2. To WAP enable the bidding process so that any one on the move can participate in the auction.

This project aims to exploit the needs of buyers/sellers who want to buy/sell something special apart from the most common goods.

This project facilitates anyone to participate in the auction process even if they are not connected all the time to the internet. a novel concept called Proxy Bidding has been introduced. The initial bid and the proxy bid (confidential) are entered and the system engages in a fierce

bidding war with other bidders, while you carry on with your life. If your maximum bid is outbid by another bidder, you will be will be notified by e-mail.

This project also provides the option for the bidders to put their items for auction as Sellers after their registration fees are validated.

To facilitate bidders who do not have a WAP phone, Manual Bidding is also provided.

This project's scope explores both PC-based and WAP-enable mobile Auction house.

INTRODUCTION

1.1 WAP IN THE MODERN WORLD

WAP stands for Wireless Application Protocol. WAP does for wireless devices what HTTP does for Web browsers. WAP is a protocol, a data transport mechanism and was designed to accommodate the unique and fundamental limitations of wireless computing:

- Devices with limited processing power and memory.
- Limited battery and power.
- Small displays.
- Limited data input and user interaction capabilities.
- Limited Bandwidth and Connection speeds.

Servers and Gateways

The WAP gateway sits in between the WAP device and HTTP server and acts as an interpreter between them. The WAP gateway handles all data forwarding and filtering or conversion so that the device gets back WAP.

WAP Devices

WAP clients are devices-for now phones, but in the future other wireless devices too. These devices have two common characteristics:

- An integrated browser, called a micro-browser.
- A mechanism for user input which can range from a couple of buttons to entire bank of buttons with rollbars and touch screens on higher end models.

Some popular WAP devices are Ericcson R280,Motorola i1000 plus, Sanyo SCP-4000,Toshiba c301T.

Phones and Emulators

Phones output displays vary depending on their physical capabilities and the browser they are running. Emulators are designed to imitate the specific behaviour and functionality of mobile devices. Some of these may even support skins (replaceable screens with different interfaces) so that multiple devices can be tested with a single emulator.

WAP AND WML

WAP is a markup language used to create wireless applications. WAP devices have special user interface requirements and restrictions. For e.g

- WAP devices don't have pointing devices, so mouse like interfaces are impossible.
- WAP devices do not have full keyboards, they have simple phone keypads along with some extra keys.
- WAP devices screens are small. They can't support frames, complex tables, large graphics and sophisticated color and font control.
- WAP devices have no real multimedia, sound or video support.

WML is tag based and uses familiar tags and attributes for all language features. WML uses many HTML tags.

WML's Origin

In 1990, Unwired Planet created HDML(HandHeld Device Markup Language) to serve the development standard for

wireless applications. By June 1997, Unwired world had changed its name to Phone.com and along with Nokia, Motorola, and Ericsson , launched the WAP Forum. Using Phone.com's HDML the form created and distributed WML.

WML's Functionality

WML supports six key areas:

- ✓ Text presentation and layout
- ✓ Images
- ✓ User Input
- ✓ Card and Deck Organization
- ✓ Navigation
- ✓ State and context management

MIME Type for WML

MIME stands for Multipurpose Internet Mail Extension, which is a piece of header information to display output files In formats other than HTML.

MIME types for WML ARE

- ✓ text/vnd.wap.wml
- ✓ text/vnd.wap.wmls

The other MIME types we use in the project for images

- ✓ image/gif
- ✓ image/jpeg
- ✓ image/vnd.wap.wbmp
- ✓ image/bmp

WML Components

Cards :

WML pages – content viewed on separate screens are called cards. The cards are the drivers of application.

Decks :

Those cards which are all placed within related pages constituting one single file is called deck. Each deck has a series of cards in it.

1.2 ORGANISATION PROFILE

Bharath Advanced Technologies (BAT) a limb of Bharath group was launched basically as a training center. As an addition to it's experience, BAT took the franchise of MDC Systems U.S.A. for it's training. Now BAT has grown to numerous activities based on the two major divisions viz. Training and project development.

BAT has got it's own project division. As the need for e-commerce is growing rapidly BAT provide solutions catering to almost all industrial needs, ranging from hotels to lodging, net banking to remote area business management. They also provide networking solutions and live shows on the web. They are currently planning to act as an ISP and have their branches in Singapore and US.

SYSTEM ANALYSIS

2.1) PROJECT DESCRIPTION

The project covers the entire process of an auction starting from the registration up to the winning stage.

A New user first registers by paying the scheduled fees for buy/sell . If the user has not posted the sufficient details then those details will be requested by the server highlighted in red. This is done using the client side scripting that is Java Scripting.

After proper posting of the fields , the servlet generates a User Id taking into account the first three Letters of the name and concatenating with it a random number which is of four digits. The password is "goinggone".

After the fee details and other formalities are over, the user ENTERS THE WONDERFUL WORLD OF AUCTIONS !!!! There are a large number of channels from which the user can select the items for which he wants to bid. According to his taste he can select the items and enroll for the biddings. Once the bidding date is barred, the administrator will enter his login through his own user id and password and will declare the winner of a particular item. The person will be intimated and the other records of the biddings will be deleted from the records. After this the main item record will be deleted from the postitems table.

The bidding process can be done using both the interfaces. The HTML and WAP interfaces. There are two special ways in which bidding can be done in the WAP phone.

1) **Manual Bidding :** In the manual bidding the user has to enter into the auction using his user id and password. After which he has to enter the item id for the item he wants to increase his bid. The current highest bid and the incremental bid will be displayed to the user. The user is then prompted to enter his bid which should be higher than the sum of incremental bid and current highest bid. This value will be recorded in the database.

2) **Proxy Bidding :** In manual bidding the user always cant be sitting in his pc for auction and see to that his bid exceeds the other bidders if he wants the item very badly. But in Proxy bidding the WAP Phone will be doing the job for him. The user will think about how much he can afford to pay for an item of his choice. And depending on the maximum bid price, the program will automatically increase his bid if there is a bid

higher than his own. The increment by which the biddings is done is the Increment Bid. But once his proxy bid or the highest bid is reached, he cannot bid more than that. He will lose the Auction.

3) **Seller Changing Reserved Price :** The seller is given another option of changing the Reserved Price. If in case the seller feels that his item is worth more than the amount he has put up his item for in the auction, he has the option to change the reserve price before the auction for his product ends.

4) **Viewing the Winner :** The administrator has the option to view who is the winner of the auction. He enters the auction using his user name and password. And if he wants to declare the winner of an auction he can do so by typing the item id for which he wants to find the

winner. The maximum bidding is found out and the person who has bid this is declared the winner. The corresponding bidding table entries and postitems entries are deleted.

Rules :

Proxy Bidding:

Set the maximum amount you're willing to pay for the item. This amount is kept secret (from the seller and other bidders), and is referred to as the proxy bid. Depending on the bid level at that moment, system makes automatic bids for you. This will keep increasing as other bidders increase the bid price, and will go on, till it reaches the maximum bid set by set by you. YES, the SYSTEM will bid for you as the auction proceeds, Bidding only enough to out-bid other

bidders. If someone out-bids you, the system automatically and immediately increase your bid.

This continues until someone exceeds your maximum bid,or the auction ends, or you win the auction!

- The system will never bid more than what you have specified as your maximum bid – and that's assured.
- If your maximum bid is out-bid by another bidder,you will be notified by e-mail. But, realize t hat notification could happen minutes or seconds before the close of an auction. So if you REALLY want something, (if you have really set your heart on that 1964 Rolex to add to your collection),you should bid the maximum amount you're willing to pay for the item even when you first bid.
- Proxy Bidding is not allowed for Dutch auctions.

SELLER RULES :

OK, so let's say you find something on the site that you really want. You are willing to pay Rs.250.00 for it, but the current bid price is only Rs.125. You could take the long route and sit at your bidding for you. Here's how it works:

1. The seller lists an item for auction , determines the length of the auction, and opens for bidding.

2. You decide how much you're willing to pay, enter your first bid and give your proxy-the system-a confidential maximum bid.

3. You note the ending time of the auction and log off.

4. You proxy(the system) engages in a fierce bidding war with other bidders, while you carry on with your life!

5. You will be informed when your proxy has been out-bid. You can increase your bid then ,but do it real quick!

6. At the end of the auction , you check back to see what has happened. If other bidders out-bid your maximum, you don't get your item . But otherwise, you're the winner-and sometimes, the final price might even be less than maximum you had been willing to spend.

ADMINISTRATOR RULES :

The administrator controls various activities on the auction. First of all the administrator is given his own user name and password depending on that only he can log on to the site and be allowed access to the administrator pages.

Activation of the Bidder Account :

A person who registers into the Auction is supposed to pay a registration fee for the channels and that will be notified to him depending on the channels he selects. This fee should be paid to the administrator after which his account will be activated. The administrator will enter into his login and will enter the user id of the person who has paid the amount. If the total fees paid by the bidder is equal to the fees which is received by the administrator the valid_user will be set to "yes" indicating that the person is allowed to participate in the auction.

Seller Posting Items :

The seller can post his items on to the different channels. The administrator has the provision to allow the seller to enter the item he has posted into the auction house. The administrator will check if the item which is specified is

of a good description and will make the verifications if the item is really in possession of the person who wants to sell it in the auction house. After these validations are done, the item will be posted into the channels. Hence forth it will be visible to the bidders and the auction of the product can continue.

Winner of an Auction :

The administrator has the right to find out who is the winner of the auction. When a particular item has reached the last date of the auction , the administrator will enter the item id into the textfield, and the highest bid for that particular item will be selected and that person will be awarded as the winner of the auction. The other biddings will be deleted. The success token for the winner of the auction will be changed to "yes" indicating that he has won the auction. The corresponding posted item record will be deleted as the bid is

over for the item. The mails will be sent to the bidder and seller of the won item indicating the winner. The further transactions of the money and the product will be taken care of by the administrator by sending the third party agency to do the so required transactions.

2.1) HARDWARE AND SOFTWARE SPECIFICATION

HARDWARE SPECIFICATION:

- Pentium III 600 MHz
- 128 MB RAM
- 8.3 GB Hard Disk

SOFTWARE SPECIFICATION:

Development Tools

- Java(JDK 1.3)
- JSDK 2.1
- Java Web Server 2.0
- UPDEV WAP Kit 4.1
- MS Access 2000

Deployment Platform

Windows NT 2000

SOFTWARE DESCRIPTION

3.1) JAVA SERVLETS

The middle tier used in our project is servlets. It fetches the values from the databases according to the requirement of the front end client. The various server side validations and calculations are also performed in the servlets.

Advantages :

The POWER of servlets

- ❖ Portability
- ❖ Power

- ❖ Efficiency and Endurance
- ❖ Safety
- ❖ Elegance
- ❖ Integration
- ❖ Extensibility and Flexibility

3.2) M.S. ACCESS 2000

Advantages:

MS ACCESS is a user friendly RDBMS. The various records are stored in an understandable way and the changes can be made to the tables very easily. The referential constraints and the data types available which makes it very suitable to do the restrictions to the data entry in the tables.

MS ACCESS coding with WML provides a very user friendly environment to the user. The storing and retrieving of date is easier and can be done.

3.3) WML AND HTML

We are doing a combination of FRONT END WML along with SERVLETS. The front end WML is used to get the data when ever necessary from the user and to give it to the SERVLETS where the various database references and other manipulations or calculations are done. The various tags used for posting the input values are

<do type="accept"> and <go href> tags.

The various images are inserted in the appropriate places to give a marvellous outlook to the empty and the otherwise blank screen of the UP DEV Phone.

The timer tags are used to provide a screen for a given amount of time after which the screen reverts back to the next card.

The navigation between tags is made possible by the use of the tags and we use the

<post field> tag to transfer the values between cards and servlets.

Navigation between cards is made by tuning the accept button as the enter key.

The options button is tuned to go to the previous page.

3.4) UPDEV WAP KIT 4.1

The UP kit which is a simulator for the wap phone is used in our project for displaying the wml pages after integrating with the Java Web Server.

ADVANTAGES :

It supports wml and wmlscript features and it also provides a bigger screen than most other wap phones like Nokia etc. It can be easily interfaced with the servers to do the database operations.

It provides a 2 dimensional view of how the phone looks and gives us a feel of working on the actual phone.

3.5) JAVA WEB SERVER 2.0

Java Web Server is an environment for running and executing all the servlets. It has provisions to include the

various MIME types for the wml and wbmp formats. It can be used to service the requirements of the clients of remote machines as well as the local host too.

Advantages :

In JSDK or any other server side development kits, we cannot have the MIME types for wml, wbmp formats and even if it is functioning it will not have the facility of calling the cards from the servlets or vice versa.

We can do combined execution of HTML and WML pages and it can serve the required cards either html or wml cards depending on the requirement of the client, that is depending on the http header.

The compilation and execution of the code is easier as the class files just need to be included in the Servlets section to execute the codes.

Disadvantages:

In the other server side development kits like JSDK, we can find out the errors during the compiling and running of servlets. This cannot be possible when we use the JWS. Due to this drawback we have a tough time getting the compilation and finding out the run time errors that is the errors during the running of the servlets.

3.6) JSDK 2.1

The JSDK kit is mainly used in the program for testing the html pages with the servlets so that the errors can be found very easily and the necessary changes can be

done to the same. After the codes are working perfectly in the kit the transfer of the same into the server can be done.

3.7) JDK1.3

The JDK kit is used to compile the servlets in the project. The servlets which are written using java codings are compiled using the normal command of compiling in the kit.

DEVELOPMENT PHASE

4.1) DATA BASE DESIGN:

There are 7 tables in our database. There are 2 tables for verification of the data in the database. For the verification of the User name and password we have 2 tables. One for verification of the administrator and the other table has the personal details of the User like his address along with his user name and password.

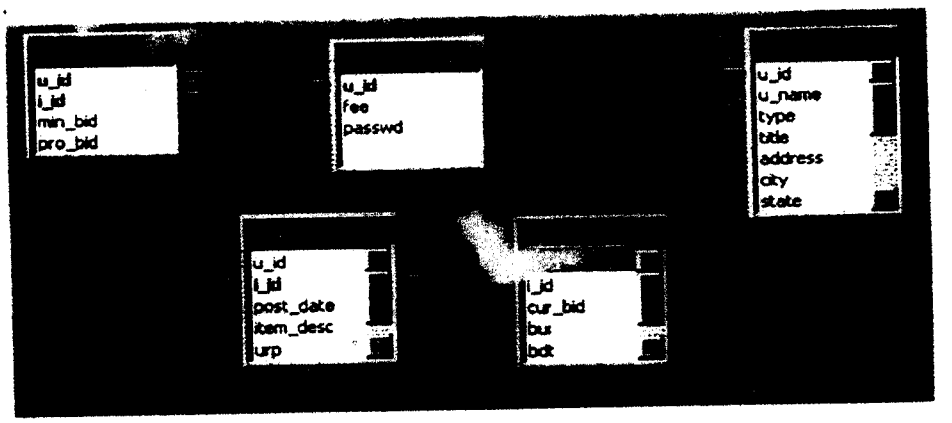
The posted items are stored in the table called postitems. The user who posted the items will specify the details of the item, the reserve price etc. in this table.

The online transactions are maintained in the biddings table. When the item is won the details are automatically removed by the system.

The proxy table is used for the proxy bidding where the details of minimum bid and the proxy bid is maintained.

The referential integrity is maintained in our tables using the primary key and the foreign key as well as many other constraints.

RELATIONSHIPS



ADMIN

S.NO.	Name Of Field	DataType	Size	Description
1.	u-id	Text	50	User ID
2.	Passwd	Text	50	Password

BIDDINGS

S.NO.	NameOf Field	DataType	Size	Description
1.	u-id	Text	50	UserID
2.	i-id	Text	50	ItemID
3.	cur-bid	Number	Long Integer	CurrentBid
4.	Bui	Text	50	BidderUserID
5.	Bdt	Date/Time	50	BiddingDate
6.	s-token	Text	50	SuccessToken

POSTITEMS

S.NO.	Name Of Field	DataType	Width	Description
1.	u-id	Text	50	Foreign Key (Userid)
2.	i-id	Text	50	Primary Key (Itemid)
3.	post-date	Date/time	50	PostDate
4.	Item-desc	Text	50	ItemDesc
5.	Urp	Number	Long Integer	UnitReservePrice
6.	incr-bid	Number	Long Integer	IncrementBid

REGCHANNELS

S.NO.	Name Of Field	DataType	Width	Description
1.	u-id	text	50	Primary Key UserID
2.	Fee	number	Long Integer	Fee
3.	Passwd	text	50	Password

REGISTERATIONS

S.NO.	Name Of field	DataType	Size	Description
1	u_id	Text	50	Foreign key (UserID)
2.	u-name	Text	50	User Name
3.	Type(Buyer/Seller/ Both)	Text	50	Type
4.	Title	Text	50	Title
5.	Address	Text	50	Address
6.	City	Text	50	City
7.	State	Text	50	State
8.	Zipcode	Text	50	PostalCode
9.	Phone	Text	50	Phonenumber
10.	Email-id	Text	50	EmailID
11.	Fee-det	Number	Long Integer	FeeDetail
12.	TotalFee	Number	Long Integer	Totalfee
13.	Fee-recd	Number	Long Integer	TotalFeeRecd
14.	v-user	Text	50	ValidUser

Proxy

S.NO.	Name Of Field	DataType	Size	Description
1.	u-id	Text	50	Combined Primary Key (UserID)
2.	i-id	Text	50	Combined Primary Key ItemID
3.	Min-bid	Number	Long Integer	MinimumBid
4.	Pro-bid	Number	Long Integer	ProxyBid

4.2) WEBSITE DESIGN

The website has been designed by us with a lot of care and caution. We have included the gif, jpeg images in html and we have included wbmp images in the wml pages. The wbmp pages have been designed by us using the WAP DRAW software.

The links between the pages are properly designed and a totally user friendly environment is maintained in the pages and even a lay man can find his way through the pages of html and wml very easily.

4.3) MODULE DESIGN

The project was divided into modules and each module was executed with adequate care. The modules were

first debugged for errors in JSDK and later on shifted to JWS.

The wml modules were executed in the UPSDK kit. The database was designed in M.S. Access and the connectivity is ODBC.

SYSTEM TESTING AND IMPLEMENTATION

SYSTEM TESTING :

The project was first divided into modules (TOP DOWN APPROACH). Each module was tested and implemented successfully. The modules were then united and tested for Pilot run. The login modules, bidding modules, seller modules, Administrator modules were coded and tested separately. After successful debugs, the modules were united for pilot run.

IMPLEMENTATION :

The implementation of the system is done step by step. There are both html pages and the wml pages in our project. The html pages use JavaScript as the scripting

language and the middle tier is Servlets. The data base which we use is Access 2000. The data which is fetched from the tables is serviced according to the requirement of the client which is the html or wml pages and is provided to the user.

The Java Web Server 2.0 is the server which is used to run all the servlets. It provides a good platform for running the servlets and setting up all the MIME types for the wml,wmls, bmp, wbmp, jpg, gif etc formats.

In the web server we store all our files in specific directories. The html and wml files are stored into the public_html directory. The images (gif, jpeg, wbmp, bmp) are also loaded into public_html directory.

The servlets are first compiled and the servlets along with the ".class" files are stored into the directory "servlets" under the webserver.

The wml and the html pages are run using the localhost url and the required servlets will be run and the data will be fetched from the database where ever needed and the pages will be displayed.

The wml pages are displayed using the UPDEV kit. And the html pages are displayed using the IE 5 explorer.

There is a good relation set up between the wml pages and the html pages. Any changes done to the database using the html pages will be reflected in the wml pages. This reflects the requirement of the need of the auction to be conducted using both the html interface as well as the wml

interface. The website is both html compatible and wml compatible.

The proxy bidding can be done using two wap phones or a wap phone and the web site simultaneously. The refresh attribute of the wap phone will make the current biddings to be available to the bidder and the proxy bid will be automatically incremented depending on whether the bid of the user has been incremented or not.

FUTURE ENHANCEMENTS

We cannot consider our project to be complete no matter how much we work on it. There will always be flaws and there will be thousands of solutions to rectify them. According to us many of the flaws are already rectified but some may need more attention.

We are planning to include the middle tier EJB and the WebLogic or WebSphere to enhance our project. The email facility of intimating the bidder and the seller of the winning or losing of the auction will be included in the near future.

The deployment of channels and groups can be done. Facilities will be provided for the same. In case a person isn't available to receive the product he has bid for, due to some unavoidable circumstances, we must see to that there

is another person who is the second highest bidder who will be ready to get the item.

We are also going to introduce dutch bidding where the seller has the option to sell his item in numbers. Here we introduce the concept of bidding maximum amount for maximum quantity.

CONCLUSION

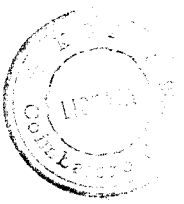
Thus we have successfully completed the project. We thank all our well wishers and everyone who has helped us to make our project a grand success. This project will serve the purpose of conducting auction online without making people waste their time, movement and money. The project has helped us to gain a wide knowledge in the field of E-commerce.

MSERV.JAVA

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

public class itemserv extends HttpServlet
{
  public void doPost(HttpServletRequest req,HttpServletResponse res)
                              throws ServletException,IOException
  {

   String Itemid=req.getParameter("itemid");
   res.setContentType("text/vnd.wap.wml");
   java.io.PrintWriter out =new java.io.PrintWriter(res.getOutputStream());
   out.println("<?xml version=\"1.0\"?>");
   out.println("<!DOCTYPE wml PUBLIC \"-//PHONE.COM//DTD WML\"");
   out.println("\"http://www.wapforum.org/DTD/wml_1.1.xml\">");
   out.println("<wml>");
   out.println("<card title=\"Confirm Registration\">");
   out.println("<do type=\"accept\" label=\"ok\">");
   out.println("<go href=\"http://localhost:8080/man25.wml#servwait\"/>");
   out.println("<postfield name=\"bid\" value=\"$(bid)\"/>");
   out.println("</do>");
   out.println("<p>");

   try
   {

        Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
        Connection conn = DriverManager.getConnection("jdbc:odbc:nithyadb");
        Statement stmt = conn.createStatement();
        ResultSet rs=stmt.executeQuery("select incr_bid from postitems where
i_id='"+Itemid+"'");
      rs.next();
      out.println("INCR BID");
        out.println(rs.getString("incr_bid"));

      out.println("<br/>");
        ResultSet rs1=stmt.executeQuery("select max(cur_bid) from biddings where
i_id='"+Itemid+"'");
      rs1.next();
      out.println("CURRENT HIGHEST BID ");
        out.println(rs1.getString(1));
```

```
  stmt.close();
     conn.close();
}

catch(SQLException e)
     {
     }
catch (ClassNotFoundException ex)
     {
     }
     out.println("</p>");
     out.println("</card>");
     out.println("</wml>");
     out.flush();
     out.close();


}

}
```

HTML CODINGS AND JAVASCRIPT



SAMPLE CODE

```
<html>
<head>
<title>
register
</title>

<script language="JavaScript">

function iaccept()
{
 var resultf=document.survey.f.value;
 var resultl=document.survey.l.value;
 var resulta=document.survey.a.value;
 var resultc=document.survey.c.value;
 var resultz=document.survey.z.value;
 var resultcr=document.survey.cr.value;
 var resulte=document.survey.e.value;
 var resultp=document.survey.p.value;

 if(document.survey.f.value==" ") f=0;  else f=1;
 if(document.survey.l.value==" ") l=0; else l=1;
 if(document.survey.a.value==" ") a=0; else a=1;
 if(document.survey.c.value==" ") c=0; else c=1;
 if(document.survey.z.value==" ") z=0; else z=1;
 if(document.survey.cr.value==" ") cr=0; else cr=1;
 if(document.survey.e.value==" ") e=0; else e=1;
 if(document.survey.p.value==" ") p=0; else p=1;



if((f && l && a && c && z && cr && e && p)==0)
{

  document.write("<html>");
  document.write("<body bgcolor=\"black\" text=\"yellow\" link=\"blue\" vlink=\"blue\"
alink=\"lime\">");
  document.write("<form name=\"survey2\" method=\"post\"
action=\"http://127.0.0.1:8080/servlet/trial3\" >");
  document.write("<center><h2><u> Registration Form </u></h2></center>");
  document.write("<center><h3> Please fill up the details marked in red </h3></center>");
```

```
 document.write("<table>");
if (f==0)
{
 document.write("<tr><td><font color=\"red\"><b>First Name</b></td>");
}
else
{
 document.write("<tr><td><font><b>First Name</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"f\" >");
document.survey2.f.value=resultf;

document.write("</td></tr>");


if (l==0)
{
 document.write("<tr><td><font color=\"red\"><b>Last Name</b></td>");
}
else
{
 document.write("<tr><td><font><b>Last Name</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"l\" value=\" \"></td></tr>");
document.survey2.l.value=resultl;
if (a==0)
{
 document.write("<tr><td><font color=\"red\"><b>Address</b></td>");
}
else
{
 document.write("<tr><td><font><b>Address</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"a\" value=\" \"></td></tr>");
document.survey2.a.value=resulta;

if (c==0)
{
 document.write("<tr><td><font color=\"red\"><b>City</b></td>");
}
else
{
 document.write("<tr><td><font><b>City</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"c\" value=\" \"></td></tr>");
document.survey2.c.value=resultc;
```

```
if (z==0)
{
 document.write("<tr><td><font color=\"red\"><b>Zip Postal Code</b></td>");
}
else
{
 document.write("<tr><td><font><b>Zip Postal Code</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"z\" value=\" \"></td></tr>");
document.survey2.z.value=resultz;

if (e==0)
{
 document.write("<tr><td><font color=\"red\"><b>Email Id</b></td>");
}
else
{
 document.write("<tr><td><font><b>Email Id</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"e\" value=\" \"></td></tr>");
document.survey2.e.value=resulte;

if (p==0)
{
 document.write("<tr><td><font color=\"red\"><b>Phone number</b></td>");
}
else
{
 document.write("<tr><td><font><b>Phone number</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"p\" value=\" \"></td></tr>");
document.survey2.p.value=resultp;

if (cr==0)
{
 document.write("<tr><td><font color=\"red\"><b>Credit card Number</b></td>");
}
else
{
 document.write("<tr><td><font><b>Credit card Number</b></td>");
}
document.write("<td><input type=\"textbox\" name=\"cr\" value=\" \"></td></tr>");
document.survey2.cr.value=resultcr;
document.write("</table>");
document.write("<center>");
```

```
document.write("<input type=\"submit\" value=\"I Accept\">");
document.write("<input type=\"reset\" value=\"Reset\" >");
document.write("</center>");
document.write("</form>");
document.write("</body>");
document.write("</html>");


}

}
function ireject()
{
 alert("hi i reject");
}

function processForm()
{    var fees=0;
       if(document.survey a1.checked)
       fees=fees+200;
       if(document.survey.a2.checked)
       fees=fees+200;
       if(document.survey.a3.checked)
       fees=fees+200;
       if(document.survey.a4.checked)
       fees=fees+200;
       if(document.survey.a5.checked)
       fees=fees+200;
       if(document.survey.a6.checked)
       fees=fees+200;
       document.survey.f1.value=fees;
}

</script>
</head>

<body bgcolor="black" text="yellow" link="blue" vlink="blue" alink="lime">


<img src="c:/desc/flame.gif" align="right">

<img src="c:/desc/flame.gif" align="left">

<center><h2><u> Registration Form</u> </h2></center>
<form name="survey">
```

```
<table>

<tr>
<td><b>First Name</b></td>
<td><input type="textbox" name="f" value=" "></td>
</tr>

<tr>
<td><b>Last Name</b></td>
<td><input type="textbox" name="l" value=" "></td>
</tr>

<tr>
<td><b>Type</b></td>
<td><select name="bsb" size=1">
<option>Buyer</option>
<option>Seller</option>
<option>Both</option>
</select>
</td>
</tr>


<tr>
<td><b>Title</b></td>
<td><br><input type="radio" name="title" checked="checked">
Mr
<input type="radio" name="title">
Mrs
<input type="radio" name="title">
Miss
</td>
</tr>

<tr>
<td><b>Address</b></td>
<td><input type="textbox" name="a" value=" "></td>
</tr>

<tr>
<td><b>City</b></td>
<td><input type="textbox" name="c" value=" "></td>
</tr>
```

```
<tr>
<td><b>State</b></td>
<td><select name="state" size=1">
<option value="1003">Alabama
<option value="1040">Alaska
<option value="1945">Arizona
<option value="1951">Arkansas
<option value="5599">California
<option value="7636">Colorado
<option value="7798">Connecticut
<option value="8831">Delaware
<option value="9130">District of Columbia
<option value="11032">Florida
<option value="12004">Georgia
<option value="13656">Hawaii
<option value="14713">Idaho
<option value="14808">Illinois
<option value="14882">Indiana
<option value="14987">Iowa
<option value="16121">Kansas
<option value="16480">Kentucky
<option value="19283">Louisiana
<option value="19840">Maine
<option value="20487">Maryland
<option value="20543">Massachusetts
<option value="21196">Michigan
<option value="21412">Minnesota
<option value="21502">Mississippi
<option value="21512">Missouri
<option value="21789">Montana
<option value="22869">Nebraska
<option value="23035">Nevada
<option value="23097">New Hampshire
<option value="23117">New Jersey
<option value="23132">New Mexico
<option value="23161">New York
<option value="23611">North Carolina
<option value="23624">North Dakota
<option value="24230">Ohio
<option value="24293">Oklahoma
<option value="24561">Oregon
<option value="25623">Pennsylvania
<option value="27664">Rhode Island
<option value="31410">South Carolina
<option value="31418">South Dakota
<option value="33025">Tennessee
```

```
<option value="33145">Texas
<option value="34626">Utah
<option value="35022">Vermont
<option value="35364">Virginia
<option value="35841">Washington
<option value="36208">West Virginia
<option value="36684">Wisconsin
<option value="36927">Wyoming
</select> &nbspfor U.S.A
 </td>
</tr>

<tr>
<td><b>Country</b></td>
<td><select name="country" size="1">
<option value="AF">Afghanistan
<option value="AL">Albania
<option value="DZ">Algeria
<option value="AS">American Samoa
<option value="AD">Andorra
<option value="AO">Angola
<option value="AI">Anguilla
<option value="AQ">Antarctica
<option value="AG">Antigua And Barbuda
<option value="AR">Argentina
<option value="AM">Armenia
<option value="AW">Aruba
<option value="AU">Australia
<option value="AT">Austria
<option value="AZ">Azerbaijan
<option value="BS">Bahamas, The
<option value="BH">Bahrain
<option value="BD">Bangladesh
<option value="BB">Barbados
<option value="BY">Belarus
<option value="BE">Belgium
<option value="BZ">Belize
<option value="BJ">Benin
<option value="BM">Bermuda
<option value="BT">Bhutan
<option value="BO">Bolivia
<option value="BA">Bosnia and Herzegovina
<option value="BW">Botswana
<option value="BV">Bouvet Island
<option value="BR">Brazil
<option value="IO">British Indian Ocean Territory
```

```
<option value="BN">Brunei
<option value="BG">Bulgaria
<option value="BF">Burkina Faso
<option value="BI">Burundi
<option value="KH">Cambodia
<option value="CM">Cameroon
<option value="CA">Canada
<option value="CV">Cape Verde
<option value="KY">Cayman Islands
<option value="CF">Central African Republic
<option value="TD">Chad
<option value="CL">Chile
<option value="CN">China
<option value="CX">Christmas Island
<option value="CC">Cocos (Keeling) Islands
<option value="CO">Colombia
<option value="KM">Comoros
<option value="CG">Congo
<option value="CD">Congo, Democractic Republic of the
<option value="CK">Cook Islands
<option value="CR">Costa Rica
<option value="CI">Cote D'Ivoire (Ivory Coast)
<option value="HR">Croatia (Hrvatska)
<option value="CU">Cuba
<option value="CY">Cyprus
<option value="CZ">Czech Republic
<option value="DK">Denmark
<option value="DJ">Djibouti
<option value="DM">Dominica
<option value="DO">Dominican Republic
<option value="TP">East Timor
<option value="EC">Ecuador
<option value="EG">Egypt
<option value="SV">El Salvador
<option value="GQ">Equatorial Guinea
<option value="ER">Eritrea
<option value="EE">Estonia
<option value="ET">Ethiopia
<option value="FK">Falkland Islands (Islas Malvinas)
<option value="FO">Faroe Islands
<option value="FJ">Fiji Islands
<option value="FI">Finland
<option value="FR">France
<option value="GF">French Guiana
<option value="PF">French Polynesia
<option value="TF">French Southern Territories
```

<option value="GA">Gabon
<option value="GM">Gambia, The
<option value="GE">Georgia
<option value="DE">Germany
<option value="GH">Ghana
<option value="GI">Gibraltar
<option value="GR">Greece
<option value="GL">Greenland
<option value="GD">Grenada
<option value="GP">Guadeloupe
<option value="GU">Guam
<option value="GT">Guatemala
<option value="GN">Guinea
<option value="GW">Guinea-Bissau
<option value="GY">Guyana
<option value="HT">Haiti
<option value="HM">Heard and McDonald Islands
<option value="HN">Honduras
<option value="HK">Hong Kong S.A.R.
<option value="HU">Hungary
<option value="IS">Iceland
<option value="IN">India
<option value="ID">Indonesia
<option value="IR">Iran
<option value="IQ">Iraq
<option value="IE">Ireland
<option value="IL">Israel
<option value="IT">Italy
<option value="JM">Jamaica
<option value="JP">Japan
<option value="JO">Jordan
<option value="KZ">Kazakhstan
<option value="KE">Kenya
<option value="KI">Kiribati
<option value="KR">Korea
<option value="KP">Korea, North
<option value="KW">Kuwait
<option value="KG">Kyrgyzstan
<option value="LA">Laos
<option value="LV">Latvia
<option value="LB">Lebanon
<option value="LS">Lesotho
<option value="LR">Liberia
<option value="LY">Libya
<option value="LI">Liechtenstein
<option value="LT">Lithuania

<option value="LU">Luxembourg
<option value="MO">Macau S.A.R.
<option value="MK">Macedonia, Former Yugoslav Republic of
<option value="MG">Madagascar
<option value="MW">Malawi
<option value="MY">Malaysia
<option value="MV">Maldives
<option value="ML">Mali
<option value="MT">Malta
<option value="MH">Marshall Islands
<option value="MQ">Martinique
<option value="MR">Mauritania
<option value="MU">Mauritius
<option value="YT">Mayotte
<option value="MX">Mexico
<option value="FM">Micronesia
<option value="MD">Moldova
<option value="MC">Monaco
<option value="MN">Mongolia
<option value="MS">Montserrat
<option value="MA">Morocco
<option value="MZ">Mozambique
<option value="MM">Myanmar
<option value="NA">Namibia
<option value="NR">Nauru
<option value="NP">Nepal
<option value="AN">Netherlands Antilles
<option value="NL">Netherlands, The
<option value="NC">New Caledonia
<option value="NZ">New Zealand
<option value="NI">Nicaragua
<option value="NE">Niger
<option value="NG">Nigeria
<option value="NU">Niue
<option value="NF">Norfolk Island
<option value="MP">Northern Mariana Islands
<option value="NO">Norway
<option value="OM">Oman
<option value="PK">Pakistan
<option value="PW">Palau
<option value="PA">Panama
<option value="PG">Papua new Guinea
<option value="PY">Paraguay
<option value="PE">Peru
<option value="PH">Philippines
<option value="PN">Pitcairn Island

```
<option value="PL">Poland
<option value="PT">Portugal
<option value="PR">Puerto Rico
<option value="QA">Qatar
<option value="RE">Reunion
<option value="RO">Romania
<option value="RU">Russia
<option value="RW">Rwanda
<option value="SH">Saint Helena
<option value="KN">Saint Kitts And Nevis
<option value="LC">Saint Lucia
<option value="PM">Saint Pierre and Miquelon
<option value="VC">Saint Vincent And The Grenadines
<option value="WS">Samoa
<option value="SM">San Marino
<option value="ST">Sao Tome and Principe
<option value="SA">Saudi Arabia
<option value="SN">Senegal
<option value="SC">Seychelles
<option value="SL">Sierra Leone
<option value="SG">Singapore
<option value="SK">Slovakia
<option value="SI">Slovenia
<option value="SB">Solomon Islands
<option value="SO">Somalia
<option value="ZA">South Africa
<option value="GS">South Georgia And The South Sandwich Islands
<option value="ES">Spain
<option value="LK">Sri Lanka
<option value="SD">Sudan
<option value="SR">Suriname
<option value="SJ">Svalbard And Jan Mayen Islands
<option value="SZ">Swaziland
<option value="SE">Sweden
<option value="CH">Switzerland
<option value="SY">Syria
<option value="TW">Taiwan
<option value="TJ">Tajikistan
<option value="TZ">Tanzania
<option value="TH">Thailand
<option value="TG">Togo
<option value="TK">Tokelau
<option value="TO">Tonga
<option value="TT">Trinidad And Tobago
<option value="TN">Tunisia
<option value="TR">Turkey
```

```
<option value="TM">Turkmenistan
<option value="TC">Turks And Caicos Islands
<option value="TV">Tuvalu
<option value="UG">Uganda
<option value="UA">Ukraine
<option value="AE">United Arab Emirates
<option value="UK">United Kingdom
<option value="US" selected>United States
<option value="UM">United States Minor Outlying Islands
<option value="UY">Uruguay
<option value="UZ">Uzbekistan
<option value="VU">Vanuatu
<option value="VA">Vatican City State (Holy See)
<option value="VE">Venezuela
<option value="VN">Vietnam
<option value="VG">Virgin Islands (British)
<option value="VI">Virgin Islands (US)
<option value="WF">Wallis And Futuna Islands
<option value="YE">Yemen
<option value="YU">Yugoslavia
<option value="ZM">Zambia
<option value="ZW">Zimbabwe

</select>
</td>
</tr>

<tr>
<td><b>Zip Postal Code</b></td>
<td><input type="textbox" name="z" value=" "></td>
</tr>

<tr>
<td><b>E-mail Id</b></td>
<td><input type="textbox" name="e" value=" "></td>
</tr>

<tr>
<td><b>Phone number</b></td>
<td><b><input type="textbox" name="p" value=" "></td>
</tr>

<tr>
<td><b>Credit card Number</b></td>
<td><input type="textbox" name="cr" value=" "></td>
</tr>
```

```
</table>

<table cellspacing="5" cellpadding="5" rows="4" cols="3">

<tr>
<th></td>
<th>Buy</td>
<th>Sell</td>
</tr>

<tr>
<td>Express Auction</td>
<td><input type="checkbox" name="a1" ONCLICK="processFor n()"></td>
<td><input type="checkbox" name="a2" ONCLICK="processFo m()"></td>
<td><b>Fee Details</b>
</tr>

<tr>
<td>Teen </td>
<td><input type="checkbox" name="a3" ONCLICK="processFc m()"></td>
<td><input type="checkbox" name="a4" ONCLICK="processFc m()"></td>
<td><input type="textbox" name="f1" ></td>

</tr>

<tr>
<td>Power Drive</td>
<td><input type="checkbox" name="a5" ONCLICK="processForm()"></td>
<td><input type="checkbox" name="a6" ONCLICK="processFc rm()"></td>

</tr>
</table>
<br>
<br>

<center>
<input type="button" value="I Accept" ONCLICK="iaccept()">
<input type="button" value="I Reject" ONCLICK="ireject()">
<input type="reset" value="Reset" >
</center>
<br><br><br><br><br><br>
<font face="verdana"  color="red" size="1"><strong>
<a href="help.html">Help</a>   <a href="terr s.html">Terms and
Conditions</a>
</strong>
```

```
</font>
<font face="arial, helvetica" size="1" id="copyrightText"><br>
@ 2001-2020 GoingGoingGone.com <font size=1><sup>®</sup> </font>, Inc. All rights
reserved.
U.S. Patent #5,937,161.<br></font><font face="verdana"  color=" :333366" size="1"><strong>
GoingGoingGone.com adheres to a strict <a href="privacy.html">i rivacy Policy</a> to protect
our customers.</strong>
</font>
</td>
</tr>
</table>
</TD>
</TR>
</TABLE>
</form>
</body>
</html>
```

SERVLETS

ADDY.JAVA


```
import java.io.*;
import javax.servlet.*;
import javax.servlet.htt: .*;
import java.lang.*;
import java.sql.*;
import java.util.*;
public class addy extenc s HttpServlet
{
public void service(Htt ServletRequest req,HttpServletResponse res)

{
try
{
res.setContentType("tex /html");

int ii;
Class.forName("sun.jdb :.odbc.JdbcOdbcDriver");
Connection cc=DriverN anager.getConnection("jdbc:odbc:nithyadb");
Statement s1 = cc.create Statement();
String hh1=req.getPara eter("m1");
String hh2=req.getPara eter("m2");
ResultSet rs=s1.execute Query("select max(cur_bid) from biddings where i_id='"+hh1+"'");
rs.next();

ii=rs.getInt(1);

ResultSet rs1=s1.execut :Query("select * from postitems where i_id='"+hh1+"'");
rs1.next();
int rr=rs1.getInt("incr_b d");


PrintWriter out=res.getWriter();
out.println("<html>");
out.println("<title>hi</t tle>");
out.println("<body>");
out.println("<form name=\"jjj\" method=\"post\"
action=\"http://localhos 8080/servlet/calci\">");

out.println("<u><h3><b ><center>READY TO BID</center></b></h3></u>");
out.println("USERID");
```

```
out.println("<input type=\"text\" name=\"vv1\" value=\""+hh2+"\" ");
out.println("ITEM ID");
out.println("<input type=\"text\" name=\"d1\" value=\""+hh1+"\"> ");
out.println("<br>");
out.println("<br>");
out.println("CURRENT BID");
out.println("<input type=\"text\" name=\"d2\" value=\""+ii+"\">"
out.println("<br>");
out.println("INCREMENT BID");
out.println("<input type=\"text\" name=\"d3\" value=\""+rr+"\">")
out.println("<input type=\"text\" name=\"tt1\">");
out.println("<input type=\"submit\" value\"submit\">");
out.println("</form></body>");
out.println("</html>");
out.close();


}
catch(SQLException e)
{
System.out.println(e);
}
catch(ClassNotFoundException e1)
{
System.out.println(e1);
}
catch(IOException e2)
{
System.out.println(e2);
}
}
}
```

WML CODINGS

MAN25.WML

```
<?xml version="1.0" ?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.2//EN"
"http://www.wapforum.org/DTD/wml12.dtd">

<wml>

<card id="welcome" ontimer="#login" title="Timer page">
<timer value="50"/>
<p>
<b><u>Your are about to enter into the World of Auctions !!</u></b>
</p>
</card>


<card id="login" title="Simple Output">
<do type="accept">
    <go href="http://localhost:8080/up11" method="post" >
                <postfield name="name" value="$(name)"/>
                <postfield name="passwd" value="$(passwd)"/>
    </go>
</do>
<p>
<b>User Name:</b>
<input name="name"/>
<b>Password:</b>
<input name="passwd" type="password"/>
</p>
</card>


<card id="wrongpw">
<do type="accept">
 <go href="#login"/>
</do>
<onevent type="onenterforward">
<refresh>
          <setvar name="name" value=" " />
         <setvar name="passwd" value=" " />
</refresh>
</onevent>
<p>
<b>Login Again !!!</b>
```

```
</p>
</card>


<card id="display" title="hi">
<p>
<a href="#proxy0">PROXY BIDDING</a>
<a href="#seller">SELLER CHANGE BID</a>
<a href="#manual">MANUAL BIDDING</a>
<a href="#winner0">WINNER OF ITEM</a>
<a href="#end">END</a>
</p>
</card>


<card id="proxy0" title="hi">
<p>
Is this the first time in proxy bid??
<a href="#proxy">Yes</a>
<a href="#proxy2">No</a>
</p>
</card>


<card id="proxy" title="ok">
<do type="accept">
    <go href="http://localhost:8080/proserv1" method="post" >
                <postfield name="itemid" value="$(itemid)"/>
                <postfield name="name" value="$(name)"/>
    </go>
</do>
<p>
ENTER ITEM ID:
<input name="itemid"/>
</p>
</card>


<card id="proxy1" label="ok">
<do type="accept">
    <go href="http://localhost:8080/proserv2" method="post" >
                <postfield name="name" value="$(name)"/>
                <postfield name="minbid" value="$(minbid)"/>
                <postfield name="prox" value="$(prox)"/>
          <postfield name="itemid" value="$(itemid)"/>
    </go>
```

```
</do>
<p>
Enter MIN BID:
<input name="minbid"/>
Enter PROXY BID:
<input name="prox"/>
</p>
</card>


<card id="proxy2" label="ok">
<do type="accept">
    <go href="http://localhost:8080/proserv3" method="post" >
                <postfield name="name" value="$(name)"/>
                <postfield name="minbid" value="$(minbid)"/>
                <postfield name="prox" value="$(prox)"/>
          <postfield name="itemid" value="$(itemid)"/>
    </go>
</do>
<p>
<b>Entering Proxy Bidding !! </b>
</p>
</card>


<card id="seller" title="ok">
<do type="accept">
    <go href="http://localhost:8080/sellserv2" method="post" >
                <postfield name="itemid" value="$(itemid)"/>
    </go>
</do>
<p>
Enter item id:
<input name="itemid"/>
</p>
</card>


<card id="waiter" title="hi">
<do type="accept">
    <go href="http://localhost:8080/sellserv3" method="post" >
        <postfield name="itemid" value="$(itemid)"/>
      <postfield name="resp" value="$(resp)"/>
    </go>
</do>
<p>
```

```
Enter Your New Reserve Price :<br/>
<input name="resp"/>
</p>
</card>



<card id="manual" title="ok">
<do type="accept">
    <go href="http://localhost:8080/group1" method="post" >
     <postfield name="name" value="$(name)"/>
     <postfield name="passwd" value="$(passwd)"/>
    </go>
</do>
<p>
<img src="cartpeople23.wbmp" /><br/>
DUTCH AUCTION</p>
</card>


<card id="group2">
<do type="accept">
    <go href="http://localhost:8080/group2" method="post" >
     <postfield name="name" value="$(name)"/>
     <postfield name="passwd" value="$(passwd)"/>
    </go>
</do>
<p>
<img src="cartpeople31.wbmp" /><br/>
PROXY AUCTION</p>
</card>


<card id="group3" label="ok">
<do type="accept">
    <go href="http://localhost:8080/group3" method="post" >
     <postfield name="name" value="$(name)"/>
     <postfield name="passwd" value="$(passwd)"/>
    </go>
</do>
<p><img src="cartpeople23.wbmp" /><br/>
EXPRESS AUCTION
</p>
</card>
```

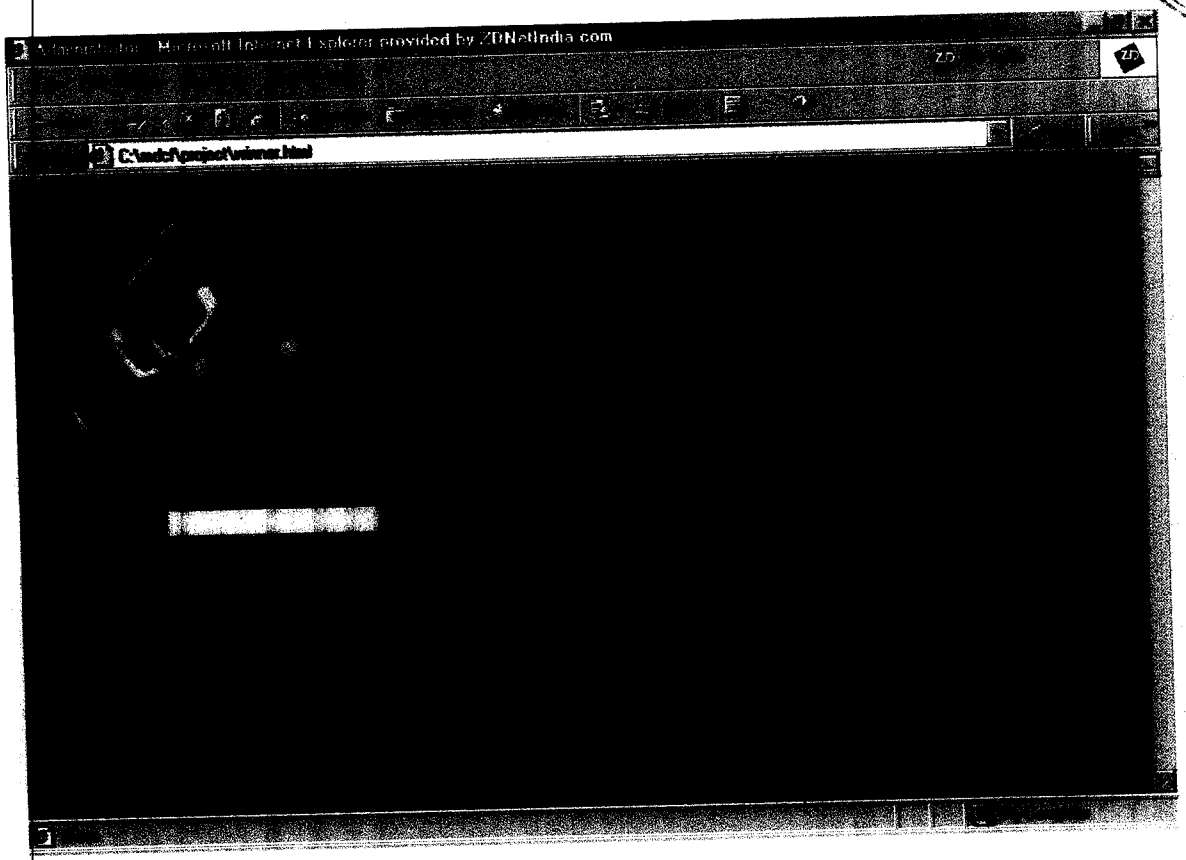
```
<card id="itemch" label="ok">
<do type="accept">
   <go href="http://localhost:8080/itemserv" method="post" >
    <postfield name="itemid" value="$(itemid)"/>
   </go>
</do>
<p>Enter Item_ID :
<input name="itemid"/>
</p>
</card>

<card id="servwait" label="ok">
<do type="accept">
   <go href="http://localhost:8080/compserv" method="post" >
      <postfield name="itemid" value="$(itemid)"/>
      <postfield name="bid" value="$(bid)"/>
      <postfield name="name" value="$(name)"/>
   </go>
</do>
<p>
ENTER U'r BID
 <input name="bid"/>
</p>
</card>


<card id="winner0" title="Simple Output">
<do type="accept">
   <go href="http://localhost:8080/win1" method="post" >
        <postfield name="iid" value="$(iid)"/>
   </go>
</do>
<p>
Enter the Item id for finding winner:<br/>
<input name="iid" />
</p>
</card>

<card id="end" label="ok">
<p>
<img src="bship.bmp"/><br/>
<b>Thank you for participating in our auction.We hope you had a great time</b>
</p>
</card>
</wml>
```

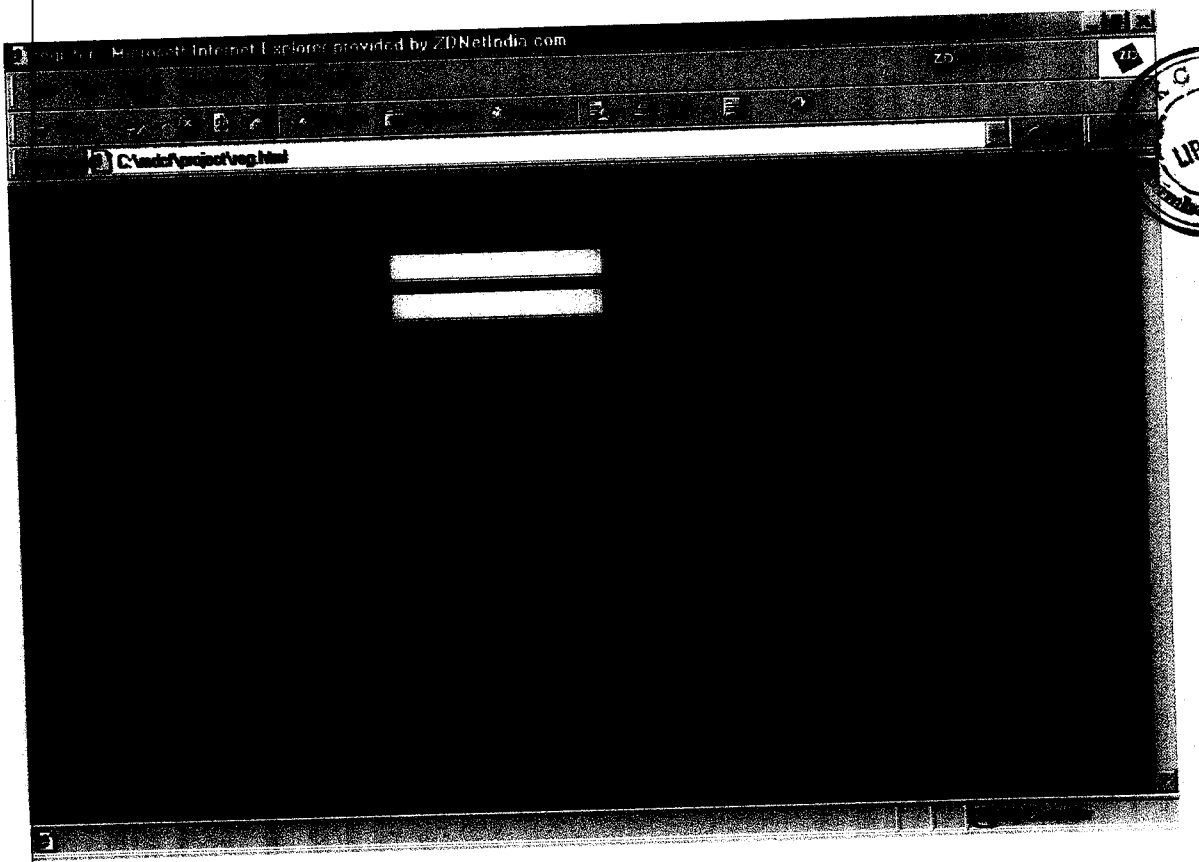
WML SERVLETS

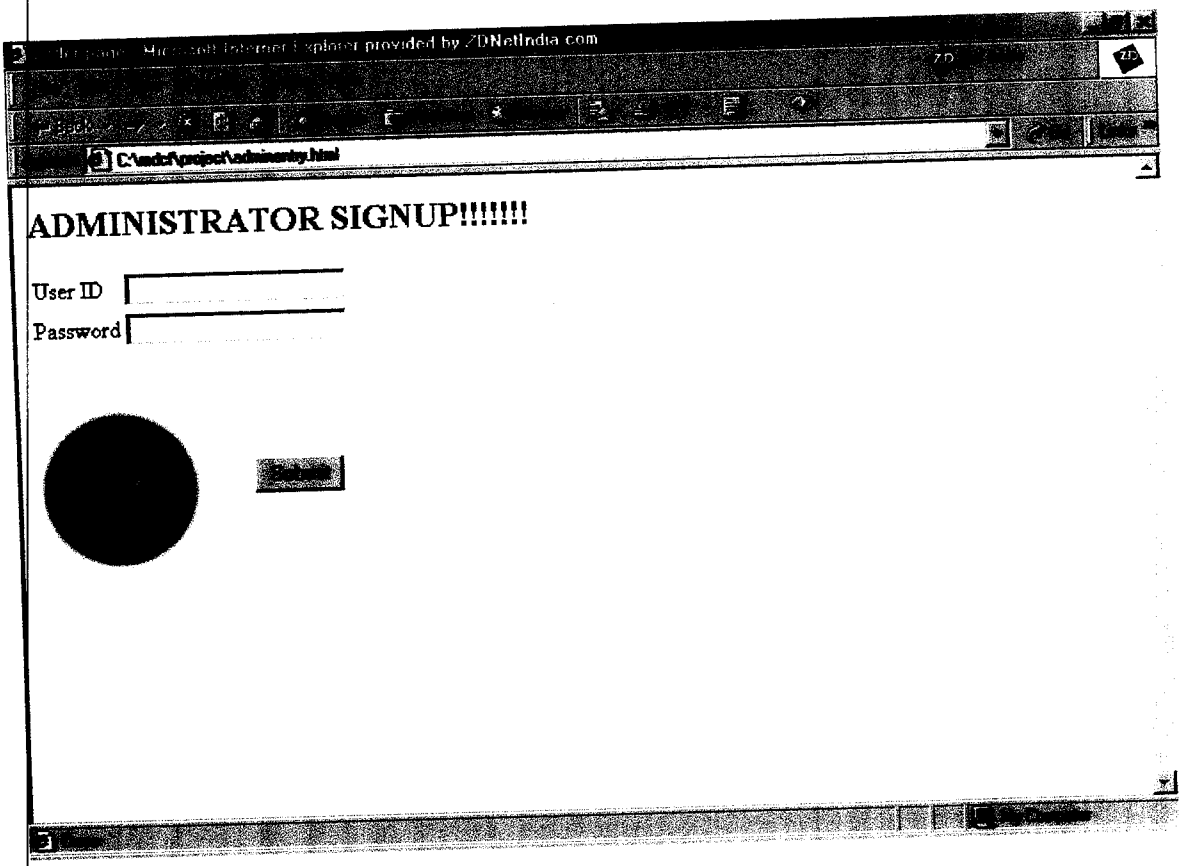
COMPSERV.JAVA

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;
import java.util.Date;
import java.text.*;
import java.lang.*;

public class compserv extends HttpServlet
{
  public void doPost(HttpServletRequest req,HttpServletResponse res)
                              throws ServletException,IOException
  {
   String d1=req.getParameter("name");
   String i1=req.getParameter("bid");
   int i2;
   i2=Integer.parseInt(i1);
   String d2=req.getParameter("itemid");
   res.setContentType("text/vnd.wap.wml");
   java.io.PrintWriter out =new java.io.PrintWriter(res.getOutputStream());
   out.println("<?xml version=\"1.0\"?>");
   out.println("<!DOCTYPE wml PUBLIC \"-//PHONE.COM//DTD WML\"");
   out.println("\"http://www.wapforum.org/DTD/wml_1.1.xml\">");
   out.println("<wml>");
   out.println("<card title=\"Confirm Registration\">");
   out.println("<do type=\"accept\" label=\"ok\">");
   out.println("<go href=\"http://localhost:8080/man25.wml#display\"/>");
   out.println("</do>");
   out.println("<p>");
  try
   {
     Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
        Connection cc = DriverManager.getConnection("jdbc:odbc:nithyadb");
        PreparedStatement pt;
        Statement s1=cc.createStatement();
        ResultSet rs=s1.executeQuery("select u_id from postitems where i_id='"+d2+"'");
        rs.next();
        String uid=rs.getString(1);
        String s_tok="no";
        Date date =new Date();
        SimpleDateFormat df;
        df=new SimpleDateFormat("MM/dd/yyyy");
```

```
        System.out.println(df.format(date));
        String ssw=df.format(date);
        System.out.println("The date string is "+ssw);
        pt=cc.prepareStatement("insert into
biddings(u_id,i_id,cur_bid,bui,bdt,s_token)values('"+uid+"','"+d2+"','"+i2+"','"+d1+"','"+
ssw+"','"+s_tok+"')");
      pt.executeUpdate();
      out.println("Updating the biddings")
      s1.close();
      cc.close();
   }
        catch(SQLException e)
        {
        }

        catch (ClassNotFoundException ex)
        {
        }


        out.println("</p>");
        out.println("</card>");
        out.println("</wml>");
        out.flush();
        out.close();


    }

}
```



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User ID
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