

# POLITECNICO DI MILANO

Course in Computer Science and Engineering  
Department of Electronics, Informatics and  
Bioengineering

## **Guess Bid Project**

### **User's Manual Document**

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June-2015

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# 1 Introduction

Within this document we will provide details about how the software should be used. Within the document we will be including textual and visual implementations so the process of understanding how the things work will be easier for the user. Every section of the web application will be analyzed, so we try to avoid mistakes when the users are using it.

## 1.1 Software Description

Guess Bid is an application implementing an inverse auction system. An inverse auction works like a regular auction. The difference is that in an inverse auction a user has to propose the lowest unique bid to win the auction.

Each user has to guess the lowest bid. Bids can be placed till the bidding closing time. Then they are evaluated by the system. The winner is the user who has placed the lowest unique bid.

## 1.2 System Features

In this section we will provide a combination of the system features:

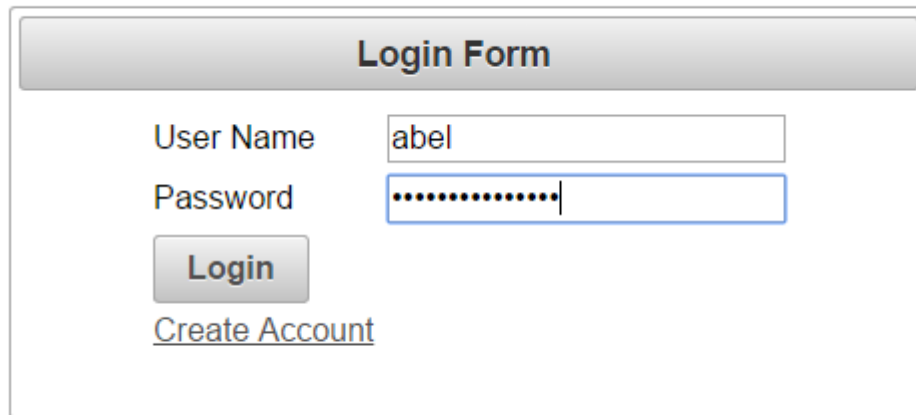
- Registering a new user: To be capable of gaining access of the system, every user must first become a registered and legitimate user.
- Creating a new auction: A user can create a new auction of a good that he/she possesses.
- Listing auctions: All auctions that are listed by users of the system will be presented to any other user, so actually the bidding process can start.
- Bids on auction: This is an obvious feature, by which the user puts their bid for a specific good being offered by some other user.
- post winner: This is an obvious feature, by which the the seller post the winner buyer
- Confirm payment : This is an obvious feature, by which the buyer confirm the payment after the winner is posted

## 2 Using the system

We will analyze every feature of the system, and visually we will present how it really works.

### 2.1 Register as new user

To be able to gain access, each user should first create account on the system. First thing that the user can see is the Log in form. Right bellow it, there is a "create account" button that allows users that are not registered yet to open their account.



The image shows a web form titled "Login Form" in a grey header bar. Below the header, there are two input fields: "User Name" with the text "abel" and "Password" with masked characters ".....". To the left of the password field is a "Login" button. Below the "Login" button is a link labeled "Create Account".

Figure : Log-in form

So, after clicking " create account " button, the user will be redirected to Registration site, so s(he) can enter information. Below in Figure we present an example of filling the Registration form.

The screenshot displays a web application interface. At the top, a navigation bar contains a home icon and the text 'Home Account'. Below this, a modal window titled 'CREAT ACCOUNT' is open. The form inside the modal has the following fields:

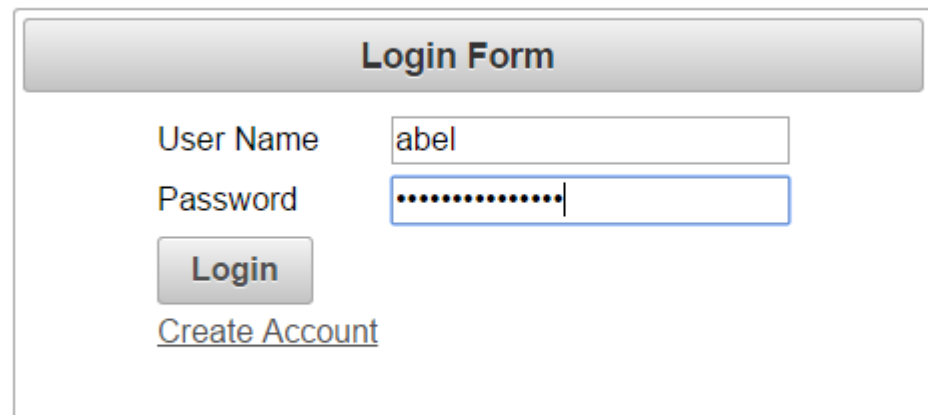
- Username: \*** with a text input field.
- Password: \*** with a text input field.
- Confirm Password \*** with a text input field.
- Email: \*** with a text input field.
- Role: \*** with a dropdown menu currently showing 'Select One'.

At the bottom of the form are two buttons: '+ Save' and 'Cancel'.

Figure : Registering new user

## 2.2 Logging into the system

Every user either with already created account, or one that just created an account, should fill the login form. Below in Figure 3 we give an example of how that looks.



The image shows a web-based login form. At the top, there is a grey header bar with the text "Login Form" in bold. Below this, the form contains two input fields. The first is labeled "User Name" and contains the text "abel". The second is labeled "Password" and contains a series of dots, indicating a masked password. Below the password field is a grey button labeled "Login". At the bottom of the form, there is a link labeled "Create Account" in blue text.

Figure : user name and password

## 2.3 Home Page of the system

Right after logging in every user goes to a same page, which we call home page of the system. (See Figure below) On top of the page is the menu bar with list of guess bid services.

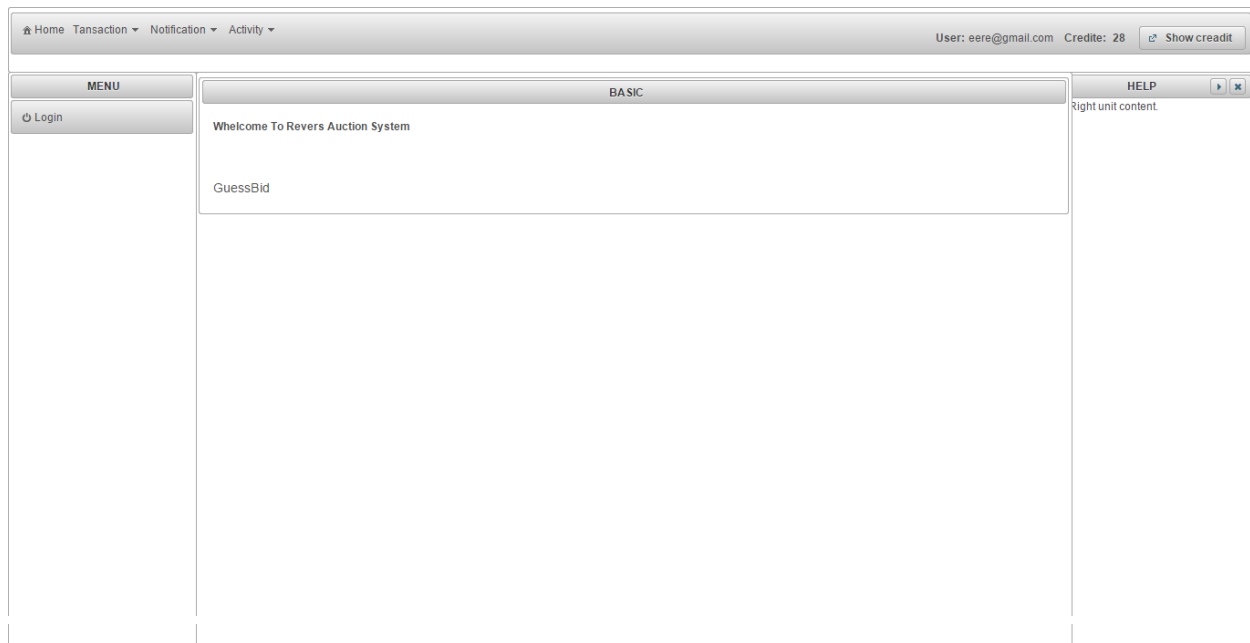


Figure : Home Page of Guess Bid listing auctions(center), and menu bar(top)

## 2.4 Listing Auctions

All of the list that we can see in Figure below represent different auctions. Each one of them shows Auction title, time until the auction will end, and "click for details" button. (See auction detail) .

[Home](#) [Transaction](#) [Notification](#) [Activity](#) User: eere@gmail.com Credite: 28 [Show credit](#)

MENU

Login

LIST OF AUCTIONS

1

10

AuctionName	InitialPrice	StartDate	EndDate	Status	Product Name	Seller Name
auction1	15.0	07/21/2015	07/22/2015	<input checked="" type="checkbox"/>	cellphone	abel
auction2	12.0	07/14/2015	07/02/2015	<input checked="" type="checkbox"/>	cellphone	lidy a
au2	23.0	07/14/2015	07/04/2015	<input checked="" type="checkbox"/>	cellphone	abjj
auction3	12.0	07/06/2015	07/24/2015	<input type="checkbox"/>	riban eye glass	tsion

1

10

[+ Create](#) [View](#) [Edit](#) [Delete](#)

HELP

Right unit content.



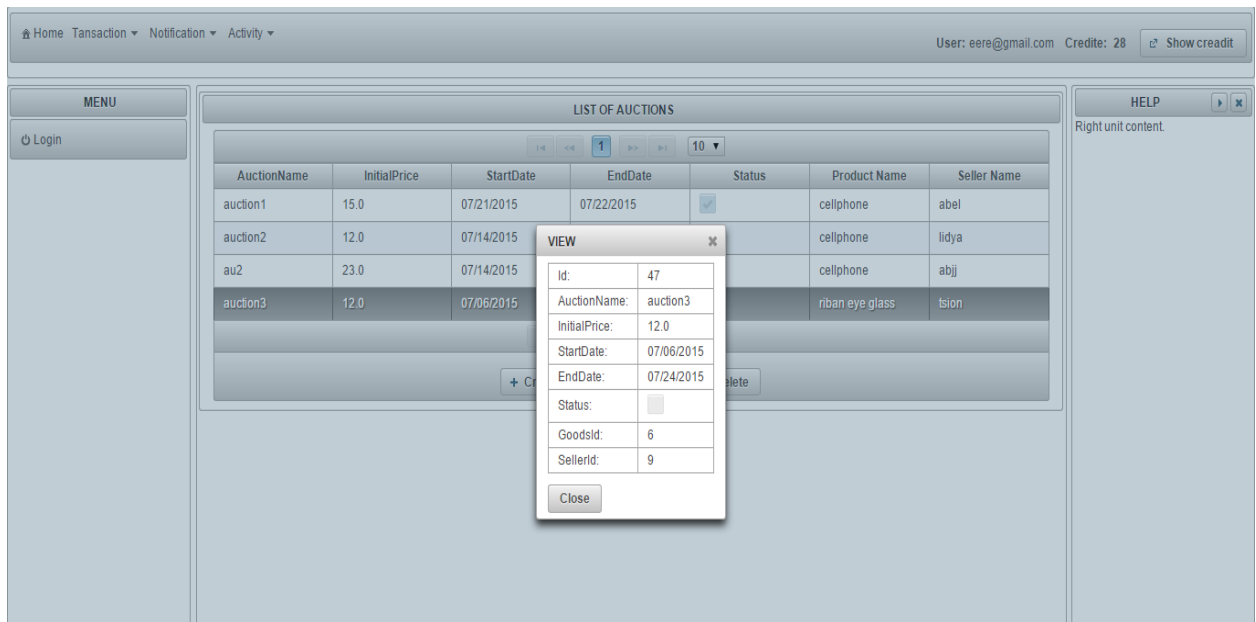


Figure 6: This window will pop-up if we want more details of auction

In the next section we will deeply explain how a user can bid on any auction, since that is the most important feature of this system. Also we will bring the rules that will decide the bidding, and how the system can make a user more informed about any changes in the process of bidding.

## 2.5 Auction Bidding

Right after the user entered his/her bid in the auction, the system will decrease the credit amount that is placed right on the menu bar. Right next to the credit, the user will receive the result by pushing show credit button

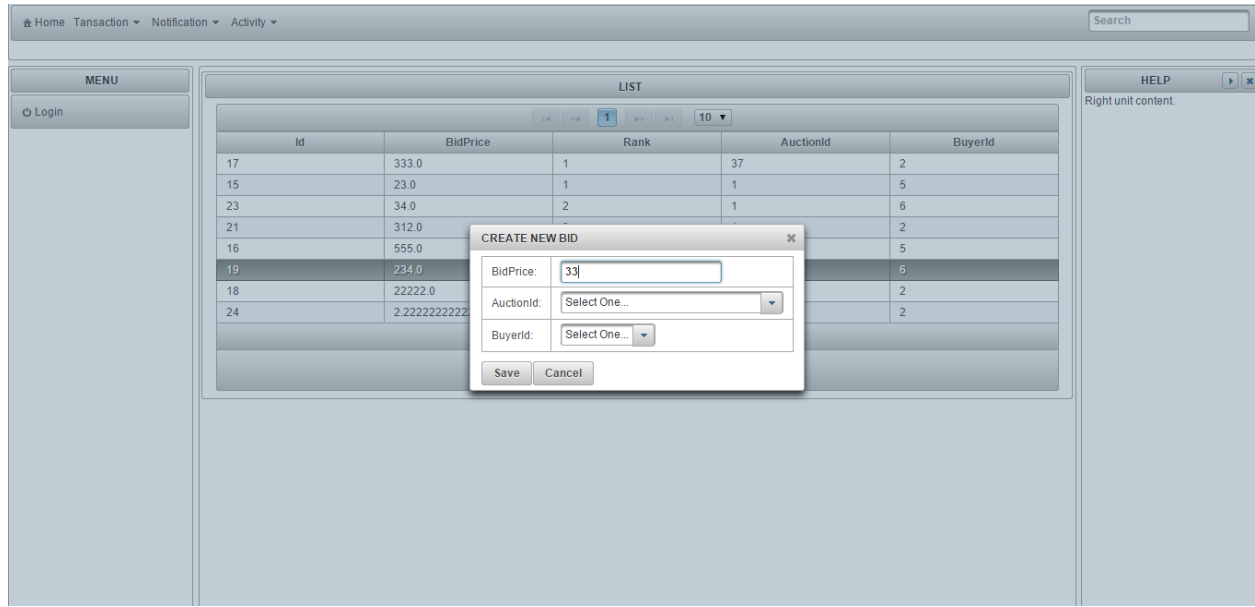


Figure : create bid

Be careful when entering a bid that is greater than your whole credit amount. Also a user that owns an auction cannot bid on that same auction. That's against the rules.

## 2.6 History of bids

under notification menu there is bid sub menu, To be more precise, for the running auctions users can see what is their last bid, Same for the finished auctions users can see their last bid, but the status can be only active or not active the auction.

The screenshot displays a web application interface with a top navigation bar, a left sidebar menu, a central content area, and a right sidebar help section.

**Top Navigation Bar:** Contains links for Home, Transaction, Notification, and Activity. On the right, it shows the user's email (eere@gmail.com), credit balance (28), and a 'Show credit' button.

**Left Sidebar Menu:** Includes a 'MENU' button and a 'Login' button.

**Central Content Area:** Features a 'LIST' header and a table of bids. The table has columns for BidPrice, Rank, Auction Name, and Buyer Name. The first row shows a bid price of 10.0, rank 1, auction name 'auction2', and buyer name 'tsion'. Below the table are buttons for '+ Create', 'View', 'Edit', and 'Delete'.

**Right Sidebar Help Section:** Contains a 'HELP' button and the text 'Right unit content'.

BidPrice	Rank	Auction Name	Buyer Name
10.0	1	auction2	tsion

Figure : Status on auctions says that the user has won on auction, and its ranked as third in one ongoing auction

## 2.7 Creating auctions

In order to create an auction, each user should hit the “Auction” drop down button and then choose “create button”. From there the user can see the current auctions s(he) already placed, and “Create New Auction” button.

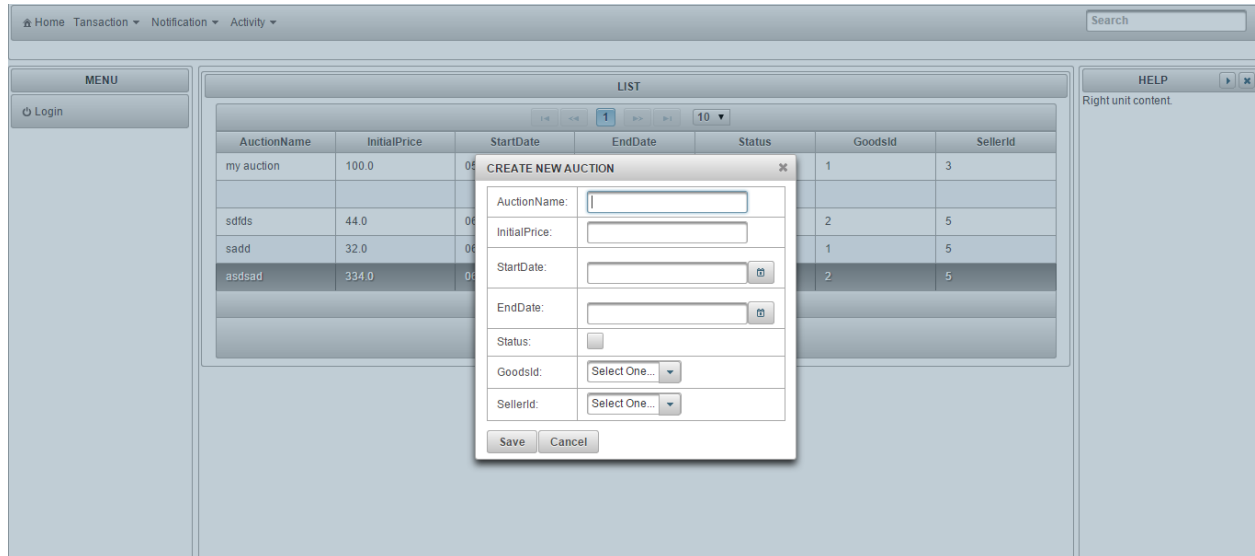


Figure : Create new auction

When the user chooses to create new auction, new popup is displayed . To make an auction valid, first the user must choose a product from his/her list of products and fill the other information and save new auction

## 2.8 Post winner

In order to post auction winner, each user should hit the “winner” drop down button and then choose “create button”. From there the user can see the current auctions and buyer list and based on the rank on bid list the seller can post winner buyer for a given auction

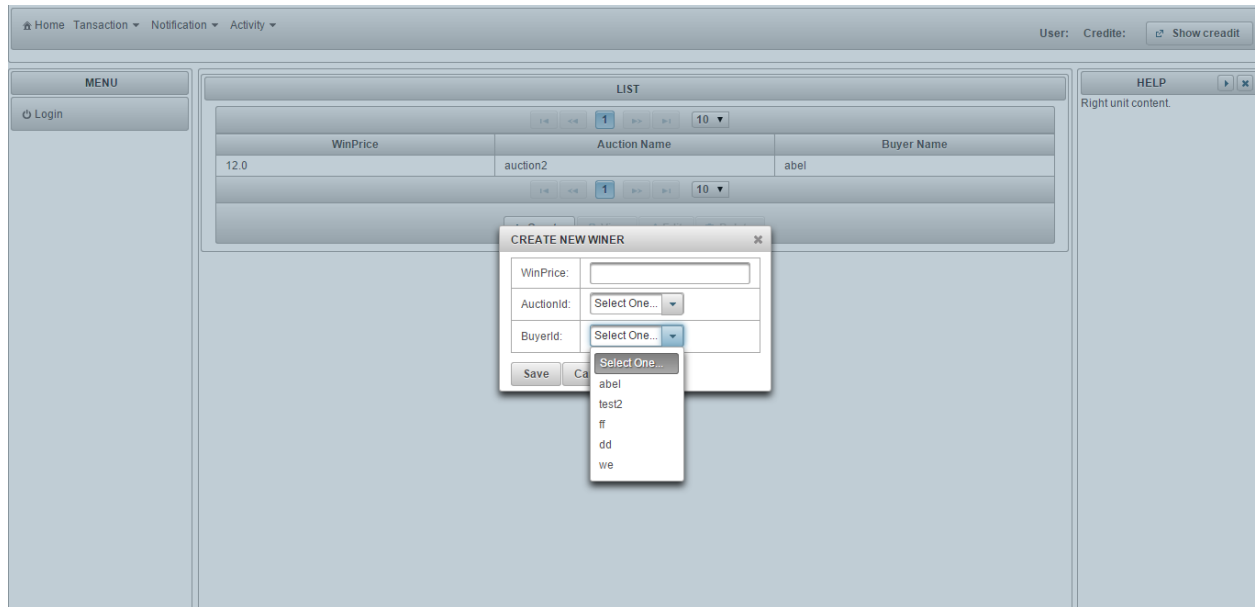


Figure : Post new winner

## 2.9 confirm payment

In order to post confirm payment for given auction , each user should hit the “payment” drop down button and then choose “create button”. From there the user can see the buyer and auction list and by inserting the amount of money he/she confirming

The screenshot displays a web application interface. At the top, there is a navigation bar with links: Home, Transaction, Notification, and Activity. On the right, it shows 'User: Credit:' and a 'Show credit' button. Below the navigation bar, there is a 'MENU' section with a 'Login' button. The main content area is titled 'LIST' and contains a table with the following data:

WinPrice	Auction Name	Buyer Name
12.0	auction2	abel

A modal window titled 'CREATE NEW WINNER' is open in the center. It contains the following fields and options:

- WinPrice:
- AuctionId:
- BuyerId:
- Buttons: Save, Cancel

The 'BuyerId' dropdown menu is open, showing a list of names: abel, test2, ff, dd, and we.

Figure : Post new winner

## 2.10 Logging out of the system

After you finished using the system, please log out. (See figure below)

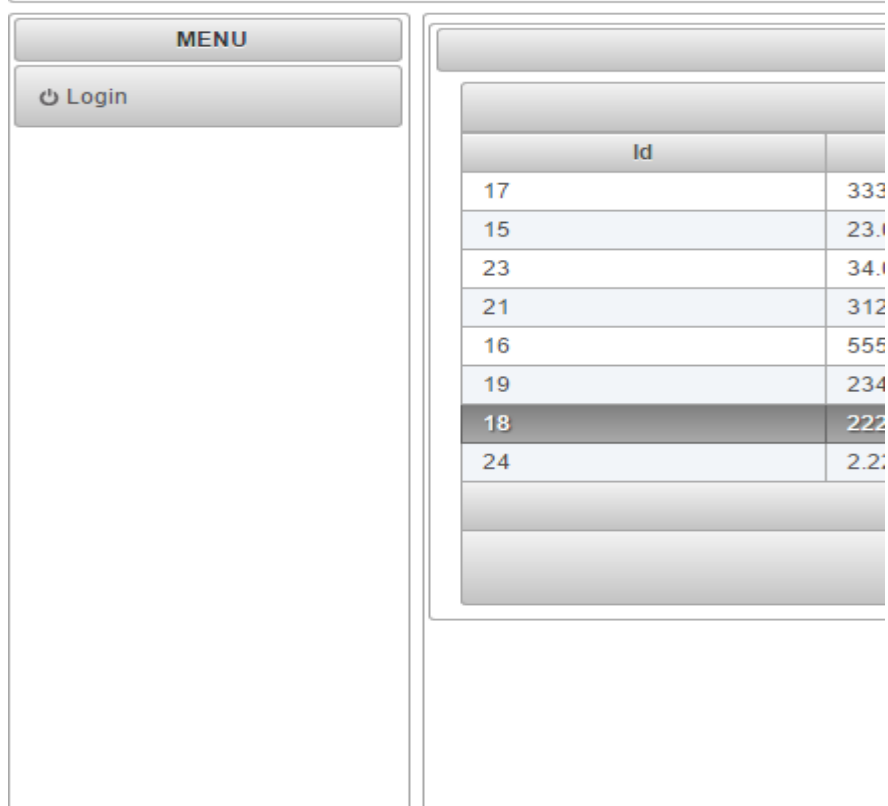


Figure: logout





