



**Politecnico Di Milano**  
Facoltà di Ingegneria dell' Informazione  
(Computer Science Engineering)

## SOFTWARE ENGINEERING II PROJECT

**Part III: User's Manual**

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Project Title: **BidWin**

Project Repository: **<https://github.com/EmanueleLM/BidWin>**

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## 1. SYSTEM DESCRIPTION

BidWin is an inverse auction platform based on the web.

The web address to have access to the system is <http://localhost:8080/bidwin/> - but since you followed the installation manual, you can find it in the “*Deployed*” section under the Glassfish Server.

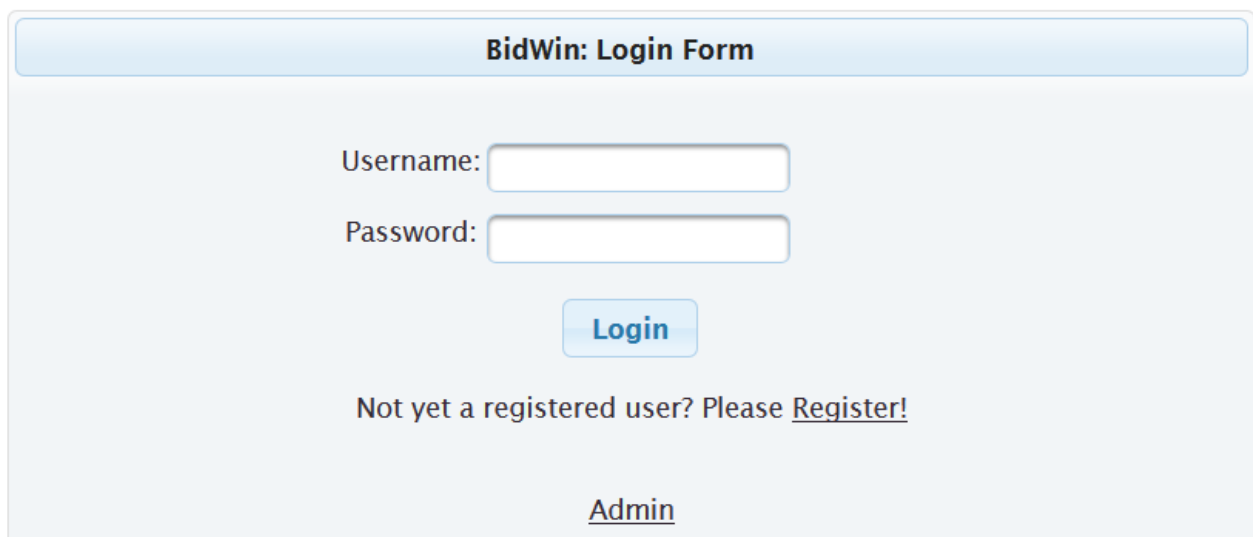
We recommend you to use a web browser - no, IE is not on the list since some Primefaces’ functionalities do not work -.

We ensure that it behaves quite good with Chrome, Firefox and Safari - latest versions -.

## 2. LOG IN

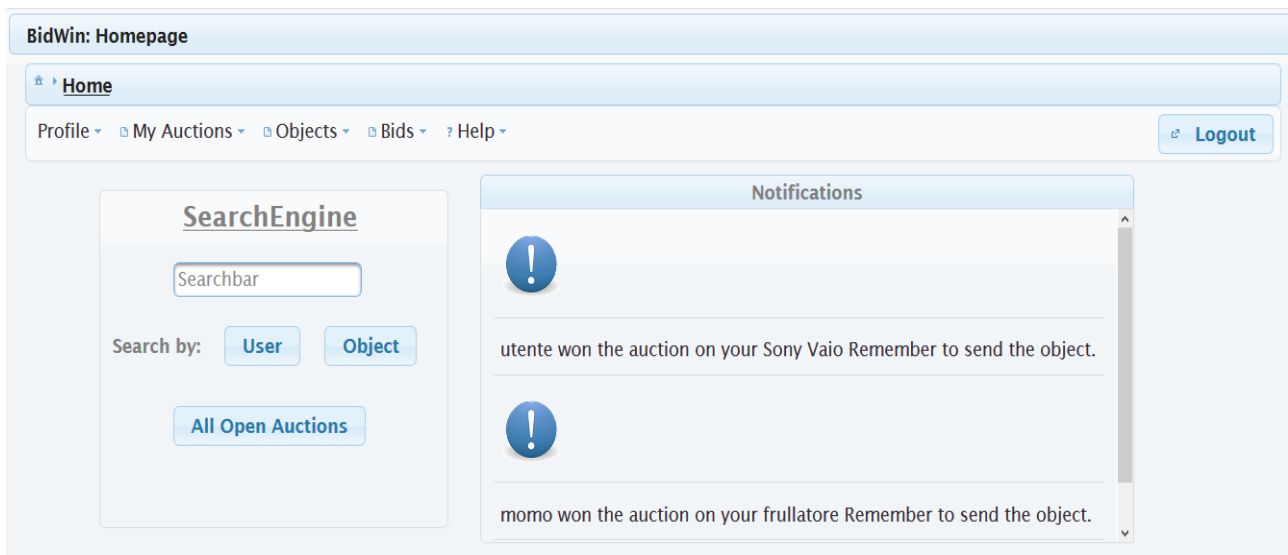
You can log into the system if you are a registered user: otherwise you have to fill up the registration form - section 3 -.

In order to authenticate you must submit your username and your password.



The screenshot shows the 'BidWin: Login Form' interface. It features a light blue header bar with the title 'BidWin: Login Form'. Below the header, there are two input fields: 'Username:' and 'Password:'. A blue 'Login' button is positioned below the password field. At the bottom of the form, there is a text prompt 'Not yet a registered user? Please [Register!](#)' and a link '[Admin](#)'.

Then you will be redirected to the homepage, which offers several functionalities thanks to menus, forms and buttons. All the functionalities will be presented in the next sections.



The screenshot displays the 'BidWin: Homepage' interface. It has a light blue header bar with the title 'BidWin: Homepage'. Below the header, there is a navigation bar with a 'Home' link and a 'Logout' button. The main content area is divided into two sections. On the left, there is a 'SearchEngine' section with a 'Searchbar' and 'Search by:' buttons for 'User' and 'Object'. On the right, there is a 'Notifications' section with a list of notifications. The first notification states 'utente won the auction on your Sony Vaio Remember to send the object.' and the second notification states 'momo won the auction on your frullatore Remember to send the object.'.

### 3. GUEST FUNCTIONALITIES

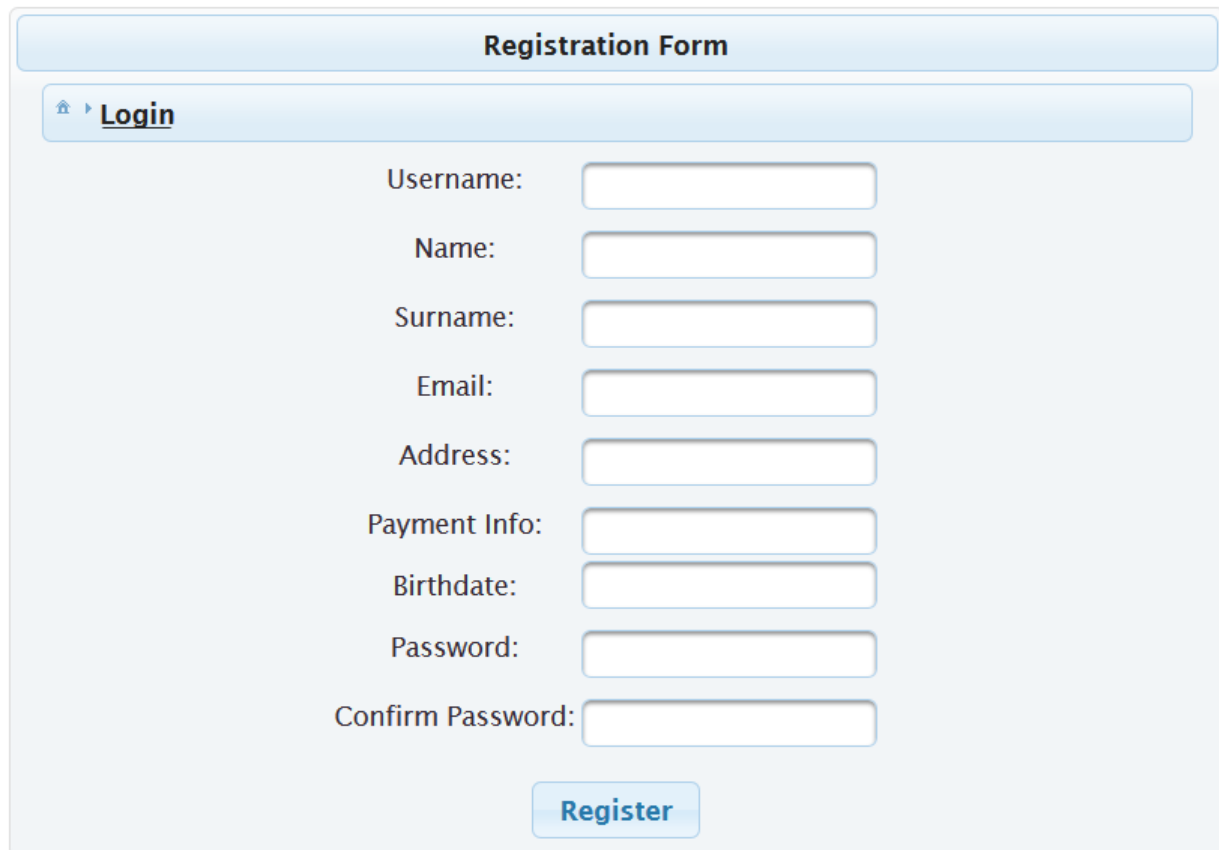
#### 3.1 REGISTRATION

As a guest, you cannot access to the system.

You can easily obtain an account by submitting your credentials to the registration form.

All the fields are mandatory: we recommend you to use a strong password.

If you submit a username that is still used, you will obtain an error since it must be unique.



The image shows a registration form with a light blue header bar containing the text "Registration Form". Below the header is a navigation bar with a home icon and the text "Login". The main form area contains several input fields with labels: "Username:", "Name:", "Surname:", "Email:", "Address:", "Payment Info:", "Birthdate:", "Password:", and "Confirm Password:". Each label is followed by a white rectangular input box with a thin blue border. At the bottom of the form is a blue button with the text "Register" in white.

### 4. USER FUNCTIONALITIES

Here we provide some sketches about the functionalities offered to a registered user.

#### 4.1. PROFILE MANAGING

The profile manager allows the user to see his/her info - username, name, surname, number of credits, rank, number of auctions completed and even to recharge his/her pocket -

#### 4.1.1 USER'S INFO

[Home](#) [User's details](#)

**User's profile**

**Username:** emanuele  
**Name:** emanuele  
**Surname:** la malfa  
**Mail:** emanuele.lamalfa@mail.mail.it  
**Ranking:** 5.0  
**Sold Objects:** 1

**Credits:** 100 [Recharge](#)

#### 4.1.2 RECHARGE POCKET

[Home](#) [User's details](#) [Recharge](#)

**Recharge your pocket**

**Username:** emanuele  
**PaymentInfo:** shofIndffdf45fddff

**Credits:** 100 **Recharge:**  [Recharge](#)

### 4.2 MANAGING AUCTIONS

This section provides several functionalities: in general they are related to the auctions created by the user: the user can look for his/her open or closed auctions. Every auction has a link, named “details”, which represents the “history” of the database - where the bids on that object are shown on a descending way w.r.t the bid value -.

#### 4.2.1 SEE MY OPEN AUCTIONS

Home My Auctions

### My Open Auctions

ObjectName	ObjectType	StartTime	EndTime	
Sony Vaio	computer	Sun Jun 21 22:23:56 CEST 2015	Sun Jun 21 22:43:56 CEST 2015	<a href="#">details</a>

Home My Closed Bids Auction Bids

### User's bids

Sony Vaio

Users	Value
utente	0.05
momo	0.08
momo	0.09

## 4.2.2 SEE MY CLOSED AUCTIONS

Home My Closed Auctions

### Closed Auctions

ObjectName	ObjectType	StartTime	EndTime	Winner	
gatto	gatto	Wed Jun 17 15:44:32 CEST 2015	Wed Jun 17 16:14:32 CEST 2015	Nobody won	<a href="#">details</a>
comodino	comodino	Fri Jun 19 15:11:00 CEST 2015	Fri Jun 19 15:16:00 CEST 2015	Nobody won	<a href="#">details</a>
comodino	comodino	Sat Jun 20 12:27:06 CEST 2015	Sat Jun 20 12:32:06 CEST 2015	utente	<a href="#">details</a>
s	s	Sat Jun 20 15:18:20 CEST 2015	Sat Jun 20 15:23:20 CEST 2015	pollo	<a href="#">details</a>

<a href="#">Home</a> › <a href="#">My Closed Bids</a> › <a href="#">Auction Bids</a>	
User's bids	
comodino	
Users	Value
utente	0.04
pollo	0.1

### 4.2.3 CREATE AN OBJECT

Under the menu “*Objects*” you will find a section named “*New Object*” where you can create a new object just by specifying its fields - name, object type etc. -

[Home](#) › [New Object](#)

**New Object form**

Object Name:

Object Type:

Description:

Image Link:

#### 4.2.4 CREATE AN AUCTION

Once you have created an object, you can put an auction just by clicking on “*create auction*” in the section “*My Objects*”: you will be redirected to a form where you have to specify the auction duration - from 5 to 30 minutes -.

[Home](#) › [My Objects](#)

User's objects

ObjectName	ObjectType	Description	ImageLink	Username	
frullatore	cucina	frullatore Sony 3500xp	/src/frullatore.jpg	emanuele	<a href="#">Create auction!</a>
Sony Vaio	computer	Sony Vaio 17"	/src/computer.png	emanuele	<a href="#">Create auction!</a>
Topolino #756	fumetti	Topolino #756 anno 1994	/src/fumetti.jpg	emanuele	<a href="#">Create auction!</a>

Create an auction for this object!

Create Object

[Home](#) › [My Objects](#) › [Create Auction](#)

User's objects

Object Id: 49

Object Name: Topolino #756

Start Time: 08:24:46 22.06.2015

Duration:

CreateAuction



### 4.3 MANAGING BIDS

The user can look after the auctions where he made at least one bid.  
A history section allow the user to see his/her position and the bids of the other users.

#### 4.3.1 MAKE A BID

[Home](#) > [Auctions List](#) > [Make Bid](#)

**Bids**

Object Name: Topolino #756

Bid Value:

[Make Bid](#)

#### 4.3.2 SEE MY BIDS

<a href="#">Home</a> > <a href="#">My Open Auctions</a>					
My open auctions					
ObjectName	You are the winner	StartTime	EndTime		
Topolino #756	yes	Mon Jun 22 08:25:28 CEST 2015	Mon Jun 22 08:50:28 CEST 2015	<a href="#">details</a>	<a href="#">Make a bid!</a>

And the auction details:

Home › My Closed Bids › Auction Bids	
User's bids	
Topolino #756	
Users	Value
momo	0.03
momo	0.05
utente	0.13
utente	0.18

### 4.3.3 RANK USER

If you win an auction, you have to vote the auctioneer. In this way the other users know in advance how good he/she is. A rank from 3 to 5 means that the object was received - 3, the object wasn't exactly the same as described, 4 and 5 mean a very good auctioneer-.

A rank from 1 to 3 means that the object was different from what described or event worst that the object was not sent by the auctioneer.

Home › Rank				
Search by User				
Username	Name	Surname	Ranking	
emanuele	emanuele	la malfa	5.0	<a href="#">Vote!</a>
momo	ertyui	fghjk	5.0	<a href="#">Vote!</a>
enrico	enrico	progetto	0.0	<a href="#">Vote!</a>

## 4.4 SEARCH ENGINE

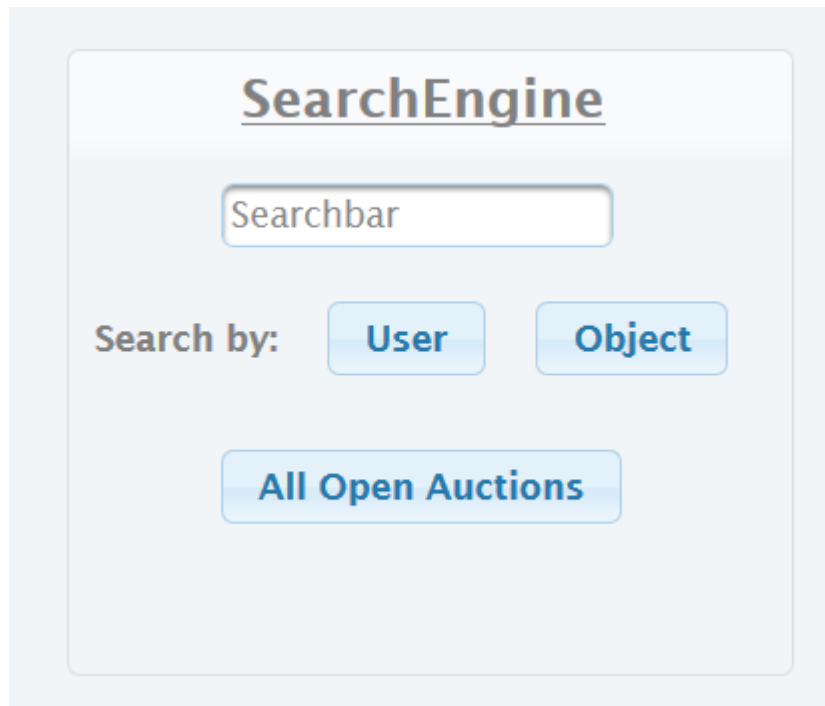
The search engine provides 3 kinds of research:

*“By User”, “By Object Type” and “By All The Open Auctions”* (for the details see the DD document).

If you want to use the *“Search by User”* just write down the name (even partially) of a user and click *Enter*: the system will display all the users who have a name similar to what you wrote down in the search bar.

The search *“By Object Type”* looks for the objects with an object type that matches with the content of the search bar.

The search *“By All The Open Auctions”* just displays all the open auctions in the system.

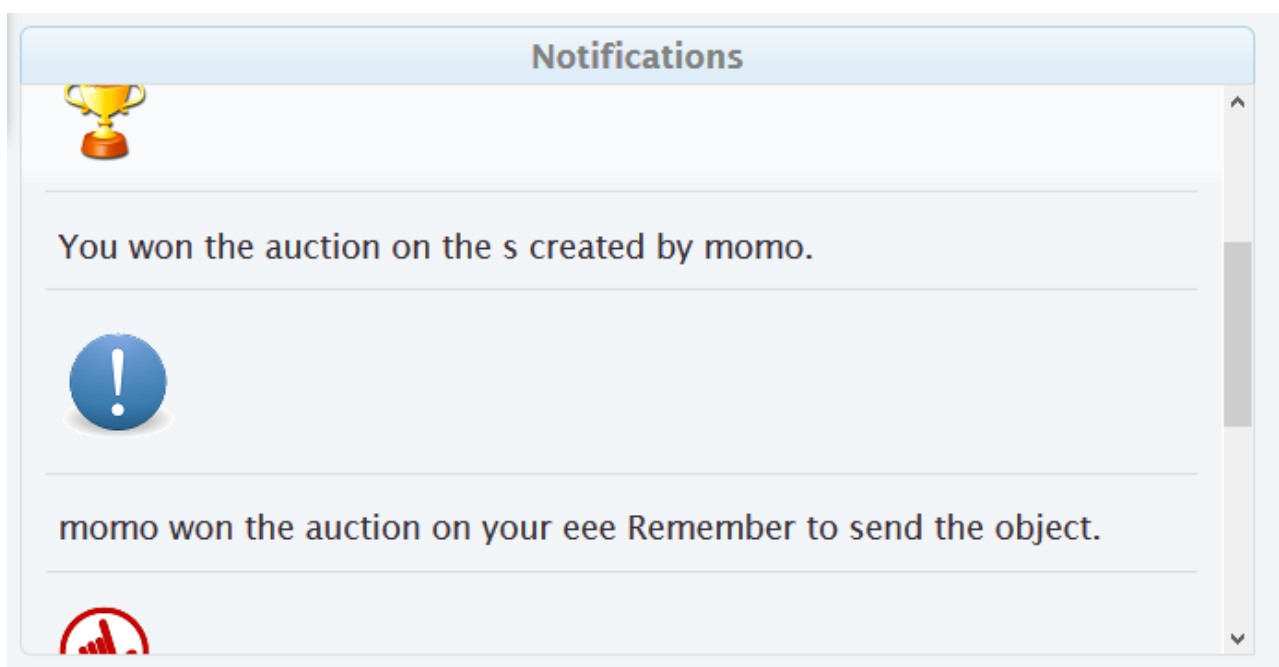


## 4.5 NOTIFICATIONS

The notifications menu in the homepage displays news that are important to you both as bidder and auctioneer.

You will receive a notification whenever:

- As auctioneer somebody wins your actions -even if nobody wins-
- As bidder when an auction where you participated ends up -even if you didn't win-

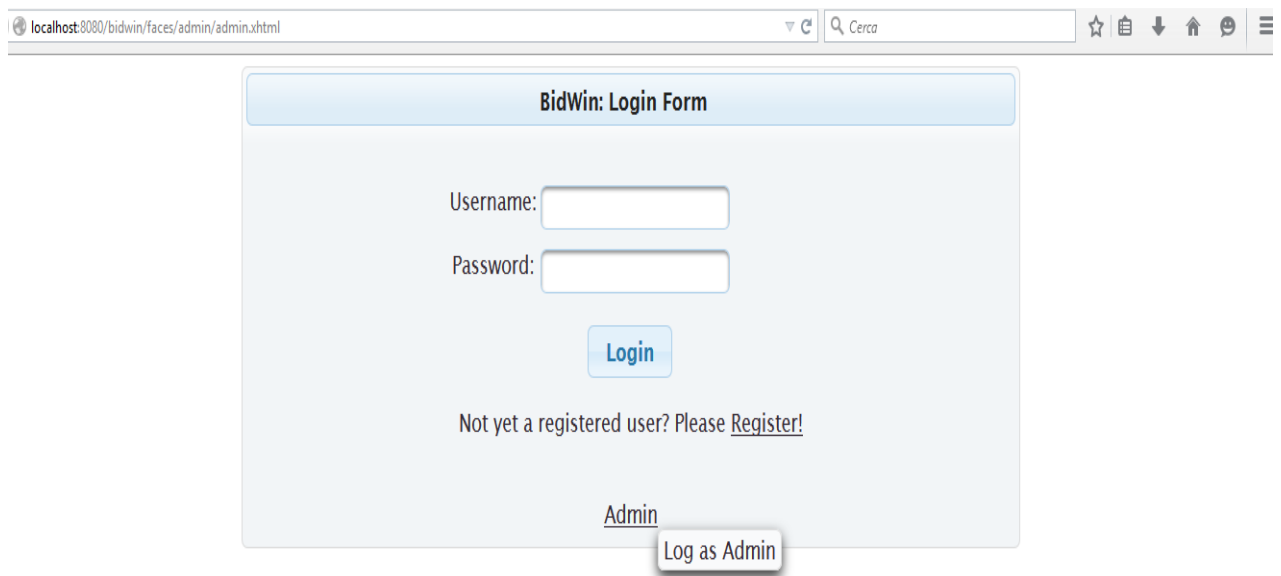


## 5. ADMINISTRATOR FUNCTIONALITIES

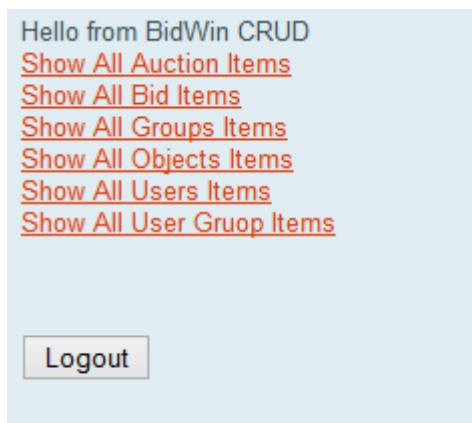
The administrator has fully access to the CRUD (create, remove, delete and update) of the system.

The credentials are {user,user}: please don't abuse it since you can modify the database which is heavily based on primary and external keys and a bad modification could cause the system do not work properly.

To have access to the admin domain, click on Admin in the LoginPage and insert the admin credentials.



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/bidwin/faces/admin/admin.xhtml'. The page title is 'BidWin: Login Form'. It contains a 'Username:' label followed by a text input field, a 'Password:' label followed by a text input field, and a blue 'Login' button. Below the login fields, there is a link that says 'Not yet a registered user? Please [Register!](#)'. At the bottom, there is a link labeled 'Admin' which has a tooltip that says 'Log as Admin'.



The screenshot shows a light blue rectangular area containing the text 'Hello from BidWin CRUD'. Below this text are six red underlined links: 'Show All Auction Items', 'Show All Bid Items', 'Show All Groups Items', 'Show All Objects Items', 'Show All Users Items', and 'Show All User Guop Items'. At the bottom of this area is a grey 'Logout' button.