

## Blind Auction for Norfolk Public Schools W.H. Taylor Elementary School

Homepage: <https://appstate-cis3870-worleyba.azurewebsites.net/finalprojectmenu.php>

Part 1: Brandon Worley

Part 2: Shannon Retzloff

Part 3: Trevor Leach

## Part 1: Brandon Worley

Starting from the homepage, you will be given three options. These options are “I would like to Solicit and Gather Donations,” “I would like to Organize Donations,” and “I would like to Record Bid Information and Contact Winners.” These three buttons split the website into part 1, 2, and 3 respectively.

### MAIN MENU

What would you like to do?

I would like to Solicit and Gather Donations

I would like to Organize Donations

I would like to Record Bid Information and Contact Winners

Clicking on the first option, you will be brought to the central page for part 1. This page contains information about donors in the first table, donated items in the second table, and will display a third table with all donors who have not received a tax receipt if any donors meet that criteria.

### MAIN MENU

[Directory](#) [Enter New Donor Information](#) [Enter Donated Items](#)

## List Of Donors

DonorID	Business Name	Contact Name	Contact Email	Contact Title	Address	City	State	Zip Code	Tax Receipt	Update	Delete	Mark Receipt as Sent	Generate Receipt	Generate Letter
1	Business	Big Man	BigMan@email.com	Big Man	123 Big Man Drive	Megalopolis	OH	12345	Not Sent	<a href="#">Update</a>	<a href="#">Delete</a>	<a href="#">Mark Receipt as Sent</a>	<a href="#">Generate Receipt</a>	<a href="#">Generate Letter</a>

## List Of Donated Items

DonorID	ItemID	Description	RetailValue	Update	Delete
1	1	BIG MAN GIFT CARD	25.00	<a href="#">Update</a>	<a href="#">Delete</a>

## List Of Donors who Have Not Received a Tax Receipt

DonorID	Business Name	Contact Name	Contact Email	Contact Title	Address	City	State	Zip Code	Tax Receipt	Update	Delete	Mark Receipt as Sent	Generate Receipt	Generate Letter
1	Business	Big Man	BigMan@email.com	Big Man	123 Big Man Drive	Megalopolis	OH	12345	Not Sent	<a href="#">Update</a>	<a href="#">Delete</a>	<a href="#">Mark Receipt as Sent</a>	<a href="#">Generate Receipt</a>	<a href="#">Generate Letter</a>

From here, using the navigation bar at the top of the screen, you can go to “Enter New Donor Information” to enter information for a new donor. This will take you to a form where you can enter said info, and the form will check for valid entries.

## Please Enter Donor Information Below

Business Name

McDonalds

Contact Name

Ronald

Contact Email

Burger@gmail.com

Once you submit your information using the submit button at the bottom, the form will give you a “return” button to send you back to the main table, and the information entered will be added to the donor table.

New Record Created Successfully!

[Return](#)

From the main page, you can also click the “Enter Donated Items” button on the header, which is the same process as the previous button.

Next, from the donor table, in each row there are buttons for “Update,” “Delete,” “Mark Receipt as Sent,” “Generate Receipt,” and “Generate Letter.” Update will take you to a form that allows you to update the data on that row, and works exactly the same as the entering form. Delete will take you to a page that asks you to confirm your choice. If you say yes, that row's data and all associated items will be deleted. If you say no, it will take you back to the homepage.

DonorID	Business Name	Contact Name	Contact Email	Contact Title	Address	City	State	Zip Code	Tax Receipt	Update	Delete	Mark Receipt as Sent	Generate Receipt	Generate Letter
1	Business	Big Man	BigMan@email.com	Big Man	123 Big Man Drive	Megalopolis	OH	12345	Not Sent	<a href="#">Update</a>	<a href="#">Delete</a>	<a href="#">Mark Receipt as Sent</a>	<a href="#">Generate Receipt</a>	<a href="#">Generate Letter</a>
2	McDonalds	Ronald	Burger@gmail.com	Burker	457 Lane	Bermuda	AZ	45678	Not Sent	<a href="#">Update</a>	<a href="#">Delete</a>	<a href="#">Mark Receipt as Sent</a>	<a href="#">Generate Receipt</a>	<a href="#">Generate Letter</a>
3	McDonalds	Ronald	Burger@gmail.com	Burker	457 Lane	Bermuda	AZ	45678	Not Sent	<a href="#">Update</a>	<a href="#">Delete</a>	<a href="#">Mark Receipt as Sent</a>	<a href="#">Generate Receipt</a>	<a href="#">Generate Letter</a>

**WARNING!**

All data about Donor 1 INCLUDING donated items will be deleted. Are you sure?

Yes, I want to Delete this Donor!

No, take me back NOW!

“Mark Receipt as sent” will switch the tax receipt column on that row from “Not Sent” to “Sent.” Updating this row will undo this, and set it back to “Not Sent.” “Generate Receipt” and “Generate Letter” generate pdf documents that pull information from their column, and these documents can be used to send donors info regarding tax information or how to donate. Note that generating a receipt will fail and give an error message if no donated items exist with that row's Donor ID.

Tax Receipt example:



## Norfolk Public Schools W. H. Taylor Elementary School

Home of the Owls Parent Teacher Association

1122 W. Princess Anne Road, Norfolk, Virginia 23507

Dear Big Man,

Thank you for your support of W. H. Taylor's PTA. Because of your generous donation, our PTA was able to help fund many important services for our school, as well as Taylor Families. Our PTA helped fund the Backpack Program, through the Food Bank of Southeastern Virginia and Eastern Shore. This program enables the 30 identified students at our school that are at risk for hunger to go home each Friday with enough food to last their family through the weekend. Class field trips are open to all students, whether or not their family has the funds to pay the field trip fees. When the child's family is unable to pay, W. H. Taylor PTA fills in the gap so every child can participate. Our PTA supports the teachers and school in a myriad of other ways as well. This would have been impossible without the support of our many donors. We acknowledge the receipt of your donation that you generously contributed to the W. H. Taylor PTA.

Donor: Business

Donated Items:

BIG MAN GIFT CARD

Value: \$25.00

Total Value: \$25.00

W. H. Taylor Elementary School PTA is a non-profit 501 (c)(3) organization. Your gift(s) are tax deductible to the extent allowed by the law. W. H. Taylor PTA Tax ID is #54-1190250

No goods or services were received in return for this donation.

Thank you again for your generous support.

Sincerely,

Tamara Haines

W. H. Taylor PTA Silent Auction Chairperson

XXX-XXX-XXXX

Donation Letter Example:

Big Man  
Business  
123 Big Man Drive  
Business, OH 12345

Dear Big Man,

On May 3, 2014 W. H. Taylor Elementary School PTA will hold its annual Silent Auction, one of our major fundraising events. The Silent Auction provides much needed funds for many student enrichment programs and special requests from school staff. In previous years, Auction proceeds have funded classroom supplies, activities and fieldtrips, the PTA Cultural arts program, computers, and specialized reading programs. Starting in 2013, the Taylor PTA, in coordination with the Food Bank of Southeastern Virginia and Eastern Shore, was able to help provide children in our school at risk for hunger with backpacks full of enough food to tide the family over on weekends.

I am pleased to report that last year's Auction was a tremendous success, with an estimated 500 members of the community attending. As a result, the excitement is already building for the 2014 Silent Auction. Of course, the overall success of the Auction depends equally upon the support of those attending and of those who generously contribute items or services.

Scrolling down, you can find the aforementioned tables for entered items and donors without tax receipts. These tables work exactly the same as the donor table, only exception being that the item table does not have the last three buttons, and the delete function for item will not delete all associated data, just the row that was clicked on (this is specified with the delete message that it gives the user). Additionally, as mentioned before, the third table will not appear if all donors have received a tax receipt. All in all the above functionality meets every requirement given by the project description for part 1.

Enhancements made:

On top of all of the required functionality, I created all of the CSS formatting files (barring a few minor edits for other parts). This allowed for a uniform design for the whole website, since all of the tables and forms use the same stylization. Additionally, I generated actual pdfs using FPDF instead of printing to the screen, for user convenience, and added “return” buttons after entering/updating/deleting, also for user convenience. Lastly, although it wasn’t for my part in particular, I spent numerous hours helping debug and style my team members code, to ensure that everyone had a working, sleek, final project.

Part 2: Shannon Retzloff

From the project homepage, select “**I would like to Organize Donations**”. From there, you are sent to the **Item Directory** page where you can:

Assign items to a lot using the “Assign a Lot” button

Edit item details (DonorID, LotID, Description, and RetailValue) using the “Edit” button

Delete item using the “Delete” button

In the header, you can select “**Lot Directory**” which takes you to the Lot Directory page where you can:

View lot details using the link around the Lot’s description

Assign the lot to a category using the “Assign a Category” button

Print a bidding sheet using the “Print Bidding Sheet” button

Edit lot details (CategoryID and Description) using the “Edit” button

Delete lot using the “Delete” button

In the header, you can select “**Enter New Lot**” which takes you to the Enter New Lot page where you can:

Enter Lot ID, Description, and Lot Image

In the header, you can select “**Category Directory**” which takes you to the Category Directory page where you can:

View all categories

View lots assigned to specific categories using the “View Lots in This Category” link

Update category description using the “Update” button

Delete category using the “Delete” button

In the header, you can select “**Enter New Category**” which takes you to the Enter New Category page where you can:

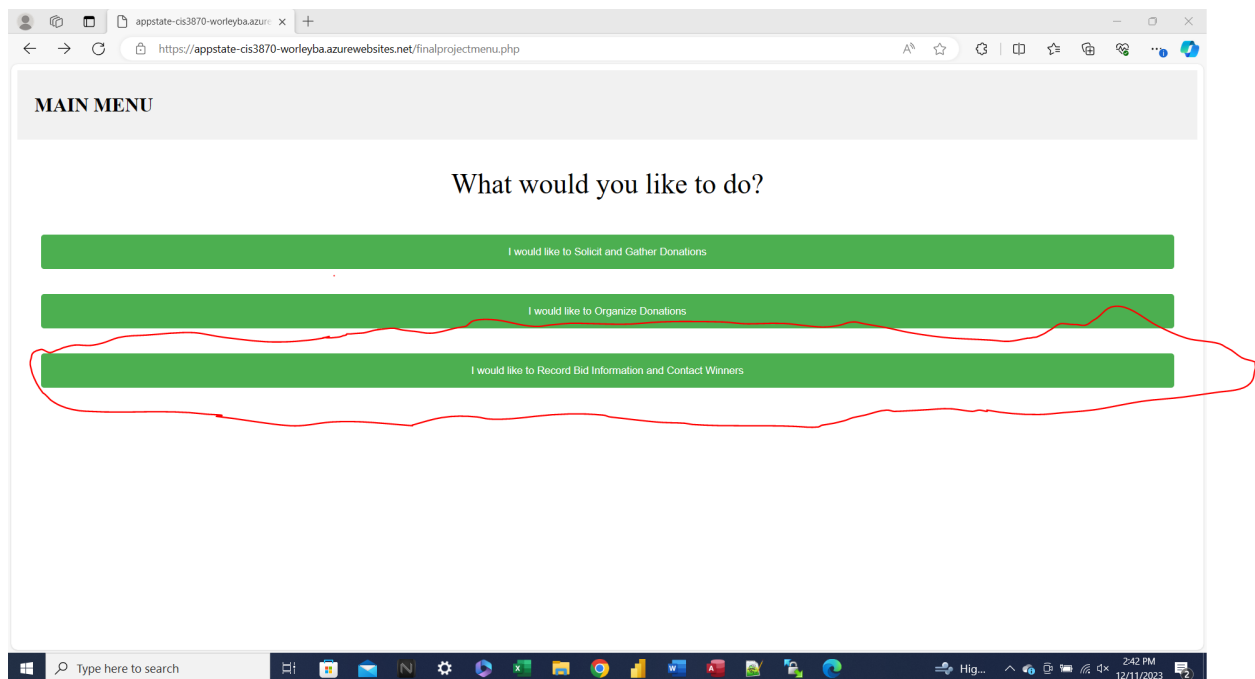
Enter Category ID and Description

Enhancements Made:

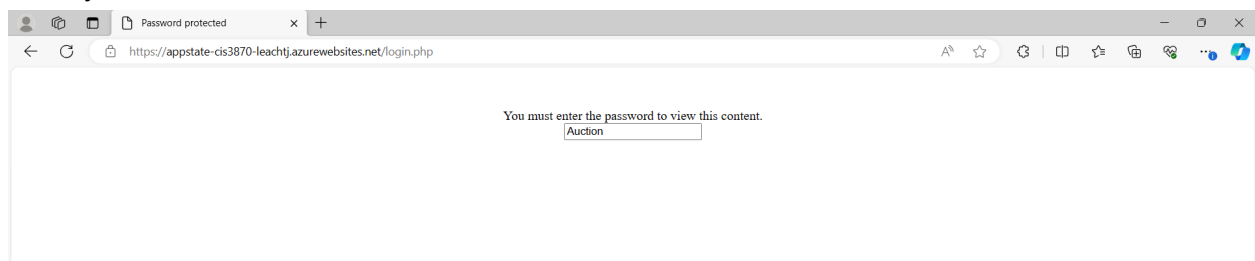
- From the “Enter New Lot” page, users can upload supported images from their personal computers which will be uploaded to the database and are visible throughout the website. Alternate text is available for blind or visually impaired users or if the image is no longer available or not present.
- From the “Lot Directory” page, when users click “Print Bidding Sheet”, a popup box appears that states “Please hit ctrl+P to print Bidding Sheet”. Once the user clicks “OK”, they are taken to the bidding sheet page where they can easily print out the bidding sheet.
- From the “Item Directory” page, I made additional Edit and Delete options for Items.
- On the “Edit Item Details” and “Edit Lot Details” pages, users may enter ‘00’, ‘0.00’, or ‘N/A’ (depending on the type of information entered), to leave the edited fields the same as they originally were. This message appears if users attempt to leave a field blank.

### Part 3: Trevor

Starting from the main project homepage, you would select the bottom option “I would like to record bid information and contact winners”



Once clicking on the third section, you are brought to the admin homepage for bidders and lots, however it is password protected. Enter the password “Auction” when prompted and hit enter on the keyboard.



The password “Auction” is extremely insecure, but for the purposes of this project is the default password. The password can simply be changed by going into protect.php and login.php and changing the \$password variable to whatever password is desired.

```
<?php
/* Your password */
$password = 'Auction';
/* Redirects here after login
```



The password is also remembered for 30 days via cookies. This can be adjusted by editing the amount of days the \$remember\_password variable is set to in login.php.

```
$remember_password = strtotime('+30 days'); // 30 days

if (isset($_POST['password']) && $_POST['password'] == $password) {
    setcookie("password", $password, $remember_password);
    header('Location: ' . $redirect_after_login);
    exit;
}
```

Due to the password being remembered via cookies, the password will not be remembered when users switch internet browsers.

Once users input the correct password, they are sent to the Bid and Lot homepage. In the homepage, there are 5 selectable options to choose from. If users wish to go back to the regular project home page, all they need to do is select “Back to Main Menu” in the header to take them back.

**BID AND LOT ADMIN HOME**

[Back to Main Menu](#)

What would you like to do, Admin?

I would like to print off bidder forms

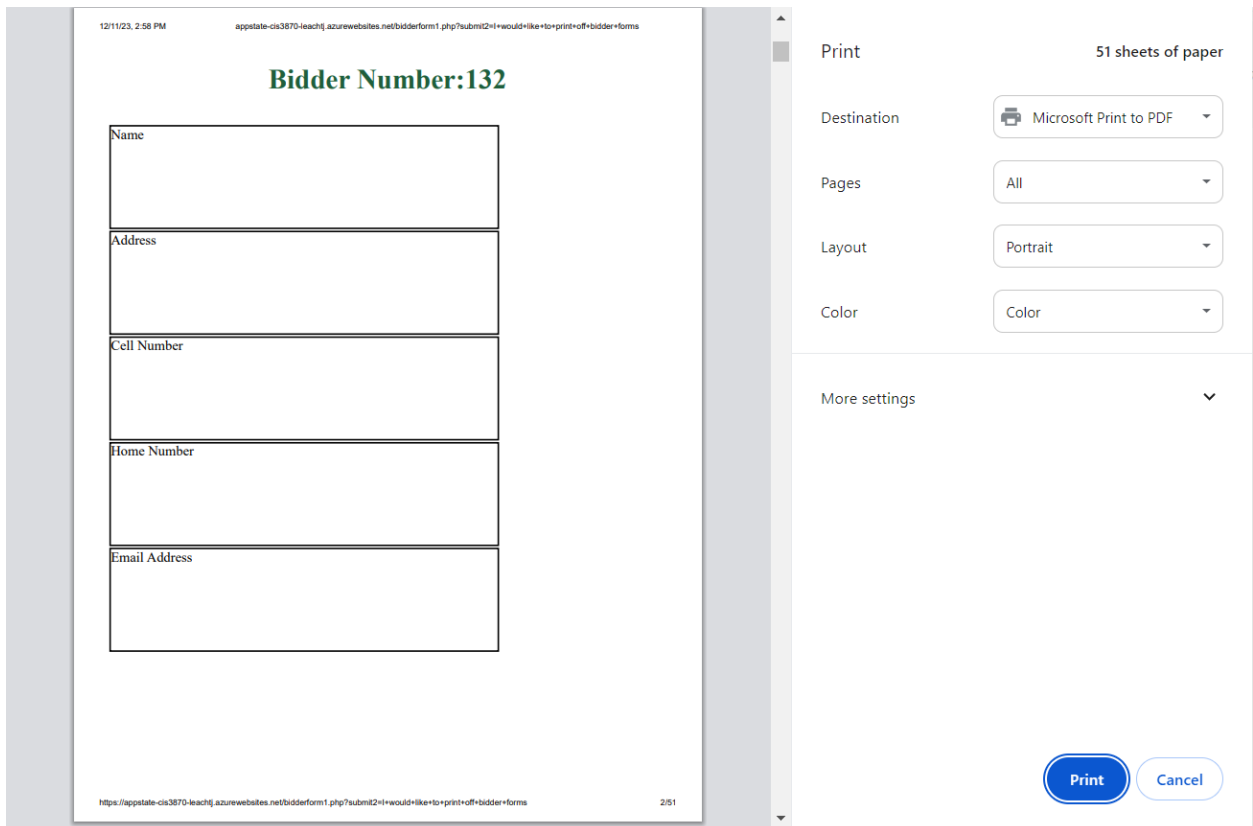
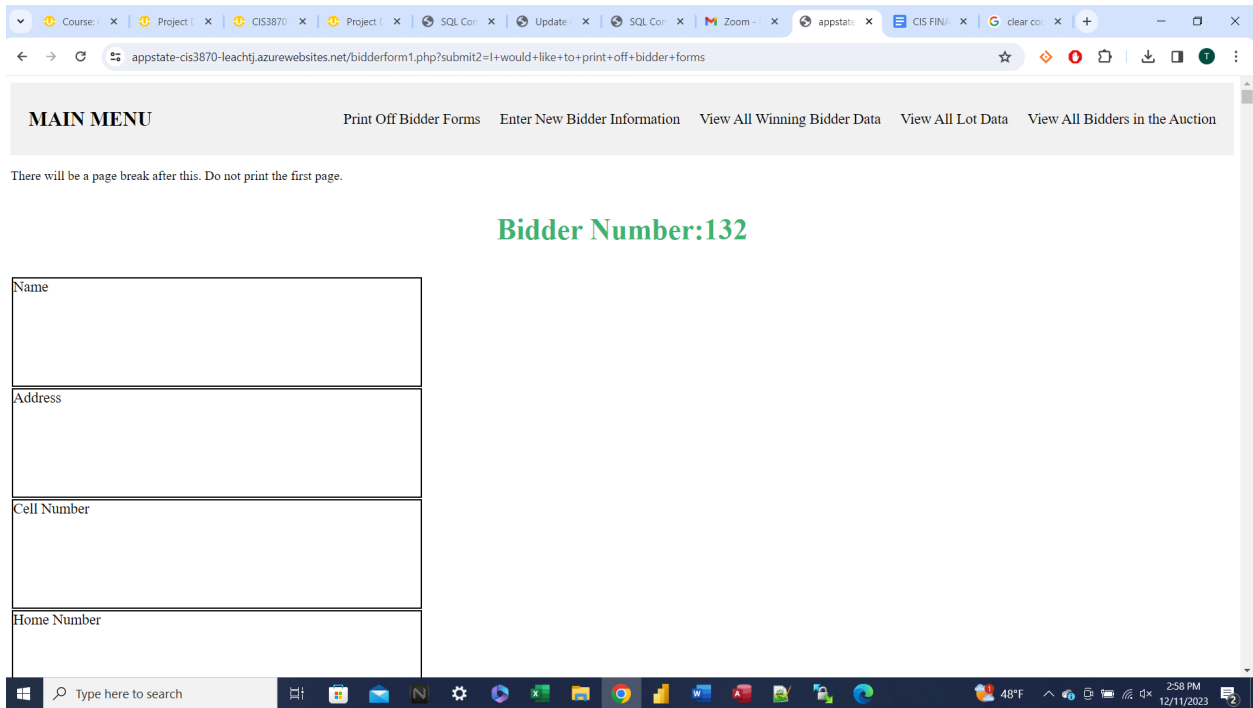
I would like to enter new bidder information

I would like to view bidder data

I would like view lot data

I would like view all bidders in the auction

When selecting the first option, users are taken to a bidder form print out space. As defined in the instructions at the top of the page, users should not print the first page. Simply hit control + p to print, and 50 bidder forms with randomized 3 digit numbers in sequential order predefined by an algorithm are available to print.



After finishing up printing bidder forms, users can select “Enter New Bidder Information” in the header to proceed to enter a new bidder and their information.

## Please Enter Bidder Information Below

Bidder Number

Full Name

Address

Cell Number

Home Number

Email (leave out .com, .net, etc!)

Make sure that all fields are filled in the proper format, else errors occur. Bidder number must be three digits long, Cell and Home Number must be 10 digits long, and email must be in a normal email format. Below is what happens when users do not fill in fields correctly:

## Please Enter Bidder Information Below

Bidder Number

Bidder ID must be 3 characters long.

Full Name

A value must be entered for Name.

Address

A value must be entered for Address.

Cell Number

Cellphone Number must be 10 characters long.

Home Number

Home Number must be 10 characters long.

Email

The Email Address is not in the proper format

Once valid entries have been made, users will be prompted that the record was entered successfully. To next view all the winning bidder data, simply click “View All Winning Bidder Data” in the header.

Bidder Information Entered Successfully!

Once that button has been clicked in the header, the user is taken to a table which displays all bidders that have won a lot. It includes all personal information, the amount owed, and whether they have paid or not. To update whether the user has paid or not, simply click the responding green or red button to update paid status. The user will then go to the header and click “View All Lot Data” to view all lots.

MAIN MENU									
Print Off Bidder Forms   Enter New Bidder Information   View All Winning Bidder Data   View All Lot Data   View All Bidders in the Auction									
Bidder Number	Bidder Name	Address	Cellphone Number	Home Number	Email	Total Amount Owed	Has the Amount Been Paid?	Bidder Has Paid	Bidder Has NOT Paid
145	Trevor	890 Hackney	9998887777	9993334444	l@g	274.00	No	Mark Paid as Yes	Mark Paid as No
247	Alyssa Sprinkle	617 Red Front	2769790609	5716513330	policies@aol.com	948.00	Yes	Mark Paid as Yes	Mark Paid as No
266	Bobby Pickle	picklevilla Italy rd	6969696969	4204206969	pickle@yahoo	25.68	Yes	Mark Paid as Yes	Mark Paid as No

Once the user has clicked the link in the header, a page displaying a table of all possible lots is shown. The user has the ability to update winning bidder and amount bid for each lot by clicking the blue button.

MAIN MENU						
Print Off Bidder Forms   Enter New Bidder Information   View All Winning Bidder Data   View All Lot Data   View All Bidders in the Auction						
Lot Number	Lot Description	Update Winners	Current Highest Bidder	Has Lot Been Delivered?	Lot Has Been Delivered	Lot Has NOT Been Delivered
1	Cheetos	Update Winning Bid	145	Yes	Mark Lot as Delivered	Mark Lot as Not Delivered
2	Gift Card	Update Winning Bid	145	Yes	Mark Lot as Delivered	Mark Lot as Not Delivered
3	Beats Headphones	Update Winning Bid	247	No	Mark Lot as Delivered	Mark Lot as Not Delivered
8	race car toy	Update Winning Bid	247	No	Mark Lot as Delivered	Mark Lot as Not Delivered
9	baseball bat	Update Winning Bid		No	Mark Lot as Delivered	Mark Lot as Not Delivered
101	2 Cruise Passes	Update Winning Bid	805	Yes	Mark Lot as Delivered	Mark Lot as Not Delivered
567	homemade brownies	Update Winning Bid	266	Yes	Mark Lot as Delivered	Mark Lot as Not Delivered

Once the user has clicked the blue button an update winning bid form appears. It displays the lot number and a description of the item. The user can then update the winning bidder and the amount bid.

MAIN MENU					
Print Off Bidder Forms   Enter New Bidder Information   View All Winning Bidder Data   View All Lot Data   View All Bidders in the Auction					

Please Update Winning Bid Information Below

Lot Number: 1

Description: Cheetos

Winning Bid Amount:

Winning Bidder Number:

If the user does not put in a valid bidder number or amount won, errors will appear.

A value must be entered for Winning Bid

A value must be entered for Winning Bidder Number

Update

Once the user hits update with valid information, a page shows that the record has been updated successfully. Users will hit return to go back to the list of lots.

## Record Updated Successfully!

Return

Users also have the ability to automatically change whether the lot has been delivered or not in the database. Users need to just click the responding green or red button, and the value of

delivered will automatically be updated.

Has Lot Been Delivered?	Lot Has Been Delivered	Lot Has NOT Been Delivered
Yes	Mark Lot as Delivered	Mark Lot as Not Delivered
Yes	Mark Lot as Delivered	Mark Lot as Not Delivered
No	Mark Lot as Delivered	Mark Lot as Not Delivered
No	Mark Lot as Delivered	Mark Lot as Not Delivered
No	Mark Lot as Delivered	Mark Lot as Not Delivered
Yes	Mark Lot as Delivered	Mark Lot as Not Delivered
No	Mark Lot as Delivered	Mark Lot as Not Delivered
No	Mark Lot as Delivered	Mark Lot as Not Delivered
Yes	Mark Lot as Delivered	Mark Lot as Not Delivered
No	Mark Lot as Delivered	Mark Lot as Not Delivered
Yes	Mark Lot as Delivered	Mark Lot as Not Delivered

The final part of the header is viewing all bidders in the entire auction. Clicking on “View All Bidders in the Auction” in the header takes users to a table displaying all bidders and their information. To update bidder information, the user needs to just click the blue update button next to the bidder.

MAIN MENU							
		Print Off Bidder Forms		Enter New Bidder Information		View All Winning Bidder Data	
						View All Lot Data	
						View All Bidders in the Auction	
Bidder Number	Bidder Name	Address	Cellphone Number	Home Number	Email	Update Bidder Information	Delete Bidder
120	Booker Vacca	7773 Shady Orchard	7031969901	8044271248	srha@icloud.com	Update Bidder Information	Delete Bidder
132						Update Bidder Information	Delete Bidder
139						Update Bidder Information	Delete Bidder
145	Trevor	890 Hackney	998887777	993334444	l@g	Update Bidder Information	Delete Bidder
204	Kwis	Casewapp	5554443322	665558999	k@k	Update Bidder Information	Delete Bidder
209						Update Bidder Information	Delete Bidder
227	Birdie Castro	6512 Iron Mail	5409921565	5716404065	nighthawk@verizon	Update Bidder Information	Delete Bidder
232						Update Bidder Information	Delete Bidder
247	Alyssa Sprinkle	617 Red Front	2769790609	5716513330	policies@aol.com	Update Bidder Information	Delete Bidder
253						Update Bidder Information	Delete Bidder
266	Bobby Pickle	picklevilla Italy rd	6969696969	4204206969	pickle@yahoo	Update Bidder Information	Delete Bidder
291	Cassey Dade	3067 Grand Forest Path	5713121069	8048195994	hamilton@live.com	Update Bidder Information	Delete Bidder
305						Update Bidder Information	Delete Bidder
307	Russell Haines	Boone Road	9867776655	7755448878	russhain@apostate.com	Update Bidder Information	Delete Bidder
310						Update Bidder Information	Delete Bidder
323						Update Bidder Information	Delete Bidder
346						Update Bidder Information	Delete Bidder

Once the blue button is clicked, it takes the user to an update bidder form. This update bidder form has the same field validation functionality as the enter bidder information form.

MAIN MENU

[Print Off Bidder Forms](#) [Enter New Bidder Information](#) [View All Winning Bidder Data](#) [View All Lot Data](#) [View All Bidders in the Auction](#)

Please Update Bidder Information Below

Bidder Number: 247

Full Name:

Address:

Cell Number:

Home Number:

Email:

Once a bidder has been successfully updated, it will take the user to the screen below. Users will select return to go back to the list of all bidders in the auction.

Record Updated Successfully!

Return

Users also have the option to delete bidders entirely from the database. To do this, they need to just hit the red delete button next to the bidder. Once that button is clicked, it will send users to the screen below warning the user about the consequences of deleting a bidder. Select the red button to proceed with the deletion, or the green button to leave that screen and go back to the

list of bidders.

MAIN MENU

[Print Off Bidder Forms](#) [Enter New Bidder Information](#) [View All Winning Bidder Data](#) [View All Lot Data](#) [View All Bidders in the Auction](#)

**WARNING!**

All data about Bidder 291 will be deleted. Are you sure?

Yes, I want to Delete this Bidder!

No, take me back NOW!

Enhancements made: Adjustments to CSS made by part 1 to fit my parts specific needs, interconnectivity within the parts, ease of use using headers and menus, password protected part 3 main menu using cookies, website interconnectivity, buttons automatically updating records, neatly organized enter and update forms, neatly organized tables, neatly organized and user friendly warning for record deletion, fully functioning and user friendly error messages for forms.