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UNIVERSITY OF LIBERAL ARTS
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Project Report on An Auction System Website

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Course-Title: Project

Submitted to

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DECLARATION BY THE CANDIDATE

I hereby declare that the project report entitled as “An Auction System Website” is work done by me submitted to Dr. Abul Kalam Al Azad, Associate Professor, University of Liberal Arts Bangladesh. It includes references cited from available research resources and online resources. I hereby also declare that it has not been accepted or submitted to for any other degree at University of Liberal Arts Bangladesh or other institutions and will never be submitted for other purpose.

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Course Code: CSE 499

Approval Certificate

This project report entitled as “An Auction System Website” is submitted to Dr. Abul Kalam Al Azad, Associate Professor of Computer Science and Engineering Department, University of Liberal Arts Bangladesh to accomplish the requirements for the course CSE 499 and Degree of B.sc in Computer Science and Engineering.

Date: 10.10.2021

Signature

Dr. Abul Kalam Al Azad

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Lastly, I thank my family and friends who have always supported me throughout the journey which encouraged me to complete this project and analysis within scheduled time.

Abstract

The project that I have built is an Auction System web application. People like to bid some of their antique products all over the world but in our country this opportunity does not exist inside our country. The name of this website is 'Online Auction'. It is similar to ecommerce website which will provide auction for customers in online. Basically this website is for antique product. Although Bangladesh has so many ecommerce websites right now but I don't think that there is no other website like my website in our country. Using this system customers bid their favorite products through the internet system. I think this right time for me to introduce my website. An ecommerce website like this can be a help to people for buying products through bidding. The report of my project has all the analysis, works, measurements and failures that I have gone through to build this system.

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Chapter 1: Introduction

1.1 Introduction:

Since the internet has become a popular place to buy and sell goods, online auction services have made their way into most homes. First of all this I just want to tell this business is not a huge demanding in Bangladesh. But other country in the world there is huge demand of product auction all over the world. Although Bangladesh has not a bidding option system but it can a good place in ecommerce sites. Our country has so many antique products that we can see in museum or some kind of historical places. In Bangladesh someone has a hobby that is collect old antique things from all around the world. And someone is searching for antique product for good price. This website is for selling or buying antique products through bidding option so that customer can get a good price of that product.

The ecommerce sector of Bangladesh has grown rapidly since before the year 2000. At present there are over 2,000 ecommerce websites and accurately 30,000 ecommerce pages on Facebook, Social media platform. Facebook still remains a popular area of advertising and selling items. Now the easy and reasonable access to internet has made it possible for people to buy online and get service.

1.2 Motivation:

It motivated me when I see other side country in the world people are exciting to bid their nice product in auction management places. It takes a lot of time for people or consumers to go there and showcase their products. It takes their valuable time for sold their product in the auction market and also waste their energy. They get tired after reaching that place with their product. That is the only reason motivated me for developing this system for helping consumers. They do not need to go out with their products. It helps them selling their product through the internet system and it

will save their energy and valuable time. It will also help consumers to motivate into this auction system.

1.3 Objectives

Objective is what we expect at the end of the development of a system, its performance and its behavior. The core objective of this system is to create an online based platform to enable the customers to find antique products easily at their doorstep. Just by using the internet and by a few clicks. People can get all of their favorite antique products at their home. It will save their valuable time and energy.

These are the major objectives of this website system. And they are:

1. To develop and design an online based platform for bidding customers.
2. To build a user-friendly system, easily understandable for every user.
3. To give customer premium shopping experience.
4. Easy to upload, sell and manage products.
5. Account for customers and admins information storing information.

1.4 Expected Outcome

The system that we expect in our system is that provide a good service for customers or consumers. Because if this services do not provide good quality people do not like it at the first time. This is very important as a developer what are we going to provide customers. Because customers expectation is the biggest expectation for the service. This expected outcome of this system will go the system to a next level in our country. When the service will provide good service for customers the expectation of the service will grow day by day from the beginning. This expectation will change the e-commerce platforms for providing good bidding service.

1.5 Project Management and Financial

Project management is an important process which depends on timely manner on project success or failure of a project. These are the important thing that we need for our project:

Communication:

Every project builds on a communication plan. Every communication plan requires some important management meetings, team meetings, management reporting, project records etc. These are the important things that always need for building a project system. It also discuss about project's stakeholders who need to be communicated with it. And the information how it will distribute information to others.

Project Timeline

Project timeline is the important part of project management. Project timeline is very important to finish the project timely. When a project builds it needs a proper timeline which will take about project, how much time the project needs. The project timeline it is mandatory to say when the project will deliver to the clients.

Financial Budget

Most of the important thing is the project for financial support. This financial support makes a project strong or weak. Logically this report shows the cost of actual cost of the project report. It also shows step by step processes the way of project cost of the system. If the financial support goods for the project the project it is heavily strong otherwise the project does not properly respond at a certain time.

Report Layout

The report layout where it is described the short summary of introduction statement. Where it tells how is the introduction's process in our country. How is the value of introduction's position in our country. Secondly it says about motivation for our expected motivation of the system. Then it says about the expectation of a system that how will the system work for. Then it talks about of a system's financial support where finishing the project properly financial support must mandatory. It is also need system requirement for the project because making a strong planning requirement of the project it will help a lot for making the project much better.

Chapter 2: Background

2.1 Terminologies:

Terminology is a special term of the system. The terminologies of the system it describes any special term of the project. Every project terminology has a different terminology. It is not mandatory for this project that will same with other project.

2.2 Related works:

Related work of the project is not available in our country. It is not well known website in this country. Other side countries in the world this is not exactly similar of this project. But this project is different from other projects. The system of this project mainly focuses on responsive process and timing process so that how the system will response better than others. Every country's website has a special feature so that consumers can like their websites. But this project of the system customers will like for good performance, better response, easy to understandable, easy to upload product file. The designing part of this system it will provide user-friendly experience for consumers. So the customers will interest with this website if the website provides good services.

2.3 Comparative Analysis

Comparative Analysis is an important thing for background study of the project. The comparative analysis is a process where compares between two products, documents, data and other objects which will have different features from each other. It explains the process of the project where it does the same thing or not. Because if the project does the same thing with another project, there is no comparative analysis between these projects. Most of the times we do not think about it very carefully. Comparative analysis that will give them different features, performance and service packs different from other project systems. It depends on the opinion of the consumers as to what kind of differences the consumers are finding in the system. Comparative analysis always finds

new features in this system that are completely different from comparative analysis. Example for, one project is giving the best performance in the system but the other project is giving them good quality of user experience.

2.4 Scope of the problem

In this pandemic situation maximum people lost their jobs and so many things and going through difficult time. By using this system people will get opportunity to showcase their products, demanding a good price and they will get a source of income. This system encourages participation of people who have unique ideas and want to pursue their career as auction. This system can save their valuable time and energy.

The only boundary to achieve accomplishment of this system is because of COVID-19 pandemic people are less gatherings. When the system will properly work without any issue it will be great place that people will interest with it.

The users who will get benefits from this system:

- Customers who want to get old antique product.
- Customers who want to sell antique product with a good price.

2.5 Challenges

When building a project system there are many challenges that are most important from each other.

Some of the important challenges as follow:

UI & Simplistic Design: This part describes about a project design which is the first challenge of a project. Basically it provides simple user design for customers.

Performance and Speed: Performance and speed is the common and most import part in this challenge. Because every customer has a valuable time. If the system performance and speed break down the user will not use it at the first condition. If the project's performance and speed remain constant the consumer will always like it.

Database Connection: Another important challenge is database connection problem. It is very important to store information in local data server system. Because if the system machine breaks down and lost our information data it can recollect data from database system.

Chapter 3: Requirement Specification

3.1 Business Process Modeling

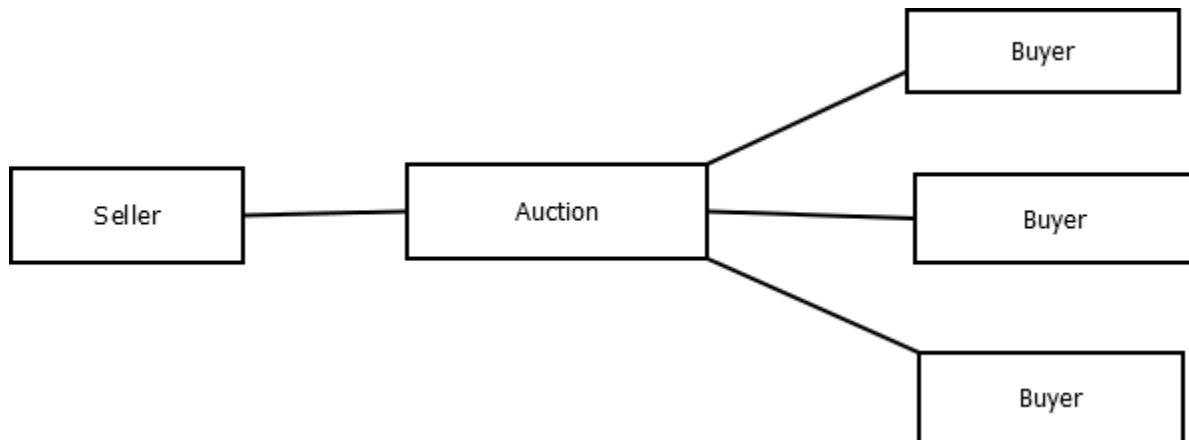


Figure 1: Auction Business Model

This (Figure 1) business model processing represents the model system of online auction. Where a seller offers a product and the bidder bid the product though the online internet system. This diagram is completely depending between the buyer and the seller. In this business model diagram the third party organization cannot involve with this model. The bidder will get the product if the bidder bids the highest prize rate of the product into this system.

3.2 Requirement Collection and Analysis

The software requirement specification (SRS) defines the development process of the software. “In simple language an SRS report provides a roadmap to follow for building the whole system. It

includes functional and non-functional specifications. SRS document is like a written agreement with details.”

Analysis:

- The website is to be designed for online auction and it both of the English format, this allowing auction goods among buyers and sellers.
- The auction shall be running on a real time. This means buyers have to be real information where the frequency of bids relatively high.
- A good graphical user interface is to be offered that must accessible through the web without any installation necessary.
- The admin and the user they will have always in different mode.
- Different roles will provide different information when they are registering through the system. Example for, admin’s task will different from normal users.

3.3 Use Case Diagram and Description

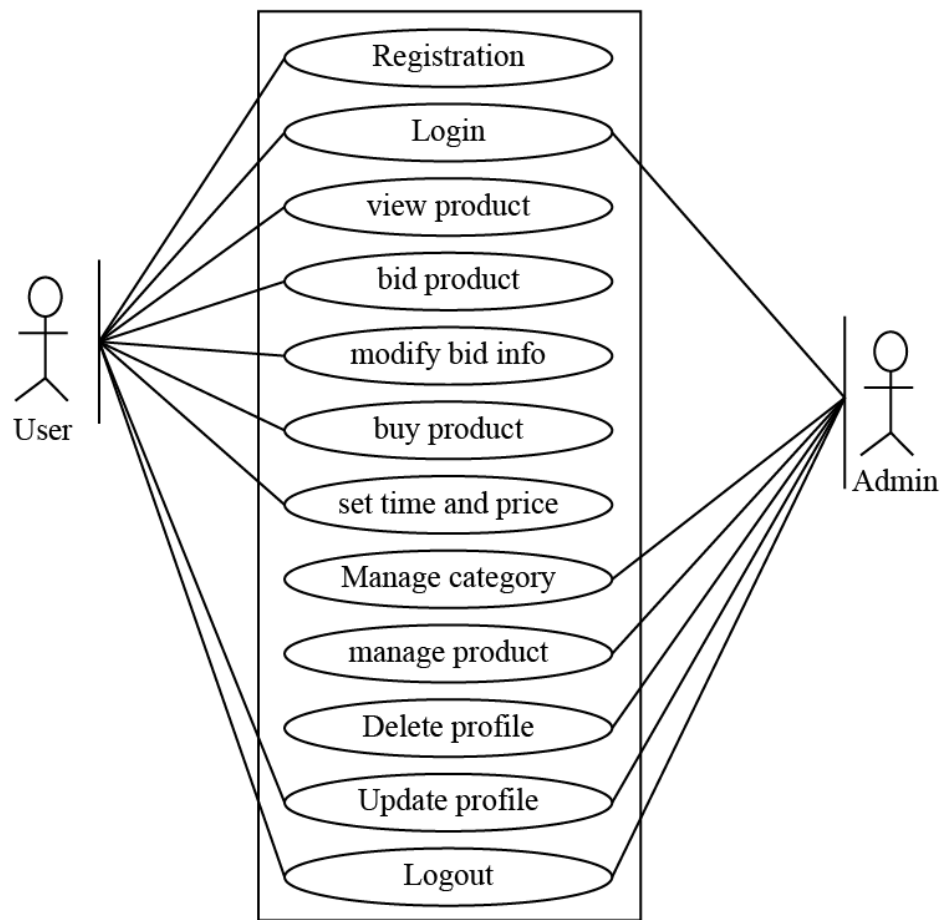


Figure 2: Use Case Diagram

This (Figure 2) Use Case Diagram it represents the behavior task of different users. The user has so many option into this system diagram. The user can do like registration, view product, bid product, modify bid info, set time and price, buy product, update profile and log out. On the other hand, an admin can do like log in, manage category, delete profile, manage product, update profile and log out from the system.

3.4 Logical Data Model

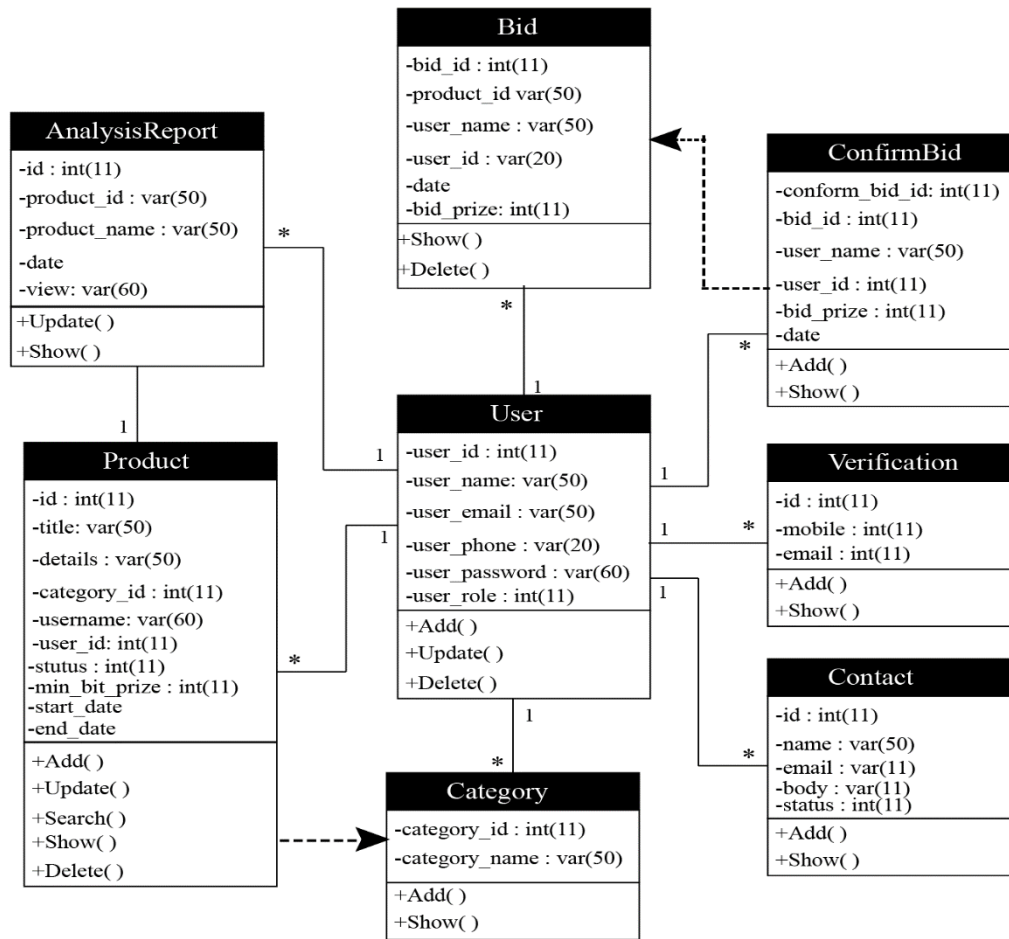


Figure 3: Class Data Model

This (Figure 3) Logical Data model it shows the data process of the system. There are 8 types of data name in this system and every data has a different task from other data. This diagram basically provides a whole task of the user. What he is going to do into this whole system.

3.5 Design Requirements

Design requirement is important for building a system project which will follows some of the design requirement rules. Every task of design requirement has functional and non-functional activities. And they are:

	Functional Requirements	Non-Functional Requirements
Objectives	Describe what the product does	Describe how to product works
Focus	Focus on user requirements	Focus on user experience
End result	Define product feature of the system	Define product properties
Origin type	Defined by user	Usually defined by other tech experts
Documentation	Captured in use case	Captured as a quality attributes
Testing	API, UI tested before non-functional testing	Performance, security testin
Essentiality	It is mandatory	It is not mandatory but desirable

Chapter 4: Design Specification

4.1 Front-end Design:

Front-end design of the system many websites use different programming languages for making front-end design. The system of the project is following these types of programming language and they are:

HTML

HTML is a basic scripting programming language which helps to build a website's front-end design. In this scripting language we can also add JavaScript, CSS and PHP for making a website better. Now HTML is the oldest version there is a new HTML5 version in scripting language. Most of developers right now they don't use old version HTML code. They like to prefer new version of HTML5 because it added some new features which makes a website beautifully.

CSS

CSS or Cascading Style Sheets used for outlook design in HTML front end page. CSS provides layout about font size, style size, style animation, font color for the design pattern. It represents the HTML code nicely for building a website. CSS also helps for different type of slider animation in using programming code. CSS4 is the latest version of CSS where it adds new styling features for website design.

JavaScript

JavaScript is very flexible program language. This programming language is easy to learn and very lightweight. Using this scripting language used to create and control the dynamic website content. It also provides animated graphics and photo slideshow in designing processes.

4.2 Back-end Design:

Back-end design of the project it is also very important to implement back-end design or back-end tools. It is used for store the information data in the back-end process by using back-end programming language. To save the data in the server it also follows some programming description.

MySQL Server:

MySQL is an open source data store management process where it uses one or multiple tables to store data in the database management system. There are many data type in this database management system but each of them are related each other. Where it uses the whole project's data in one way easily.

Apache Server:

Apache server is an open source web server where it delivers content through the internet. It also provides a local host address link through the apache server and it gives an address link to use without internet connection.

PHP

PHP is a scripting language where it connects between database systems. PHP is an open source “Hypertext Preprocessor” scripting language. This scripting language implements between back-end connections, data server connection, database connection etc.

4.3 Interaction Design and User Experience:

Interaction design specification basically tells about user interface design and activities of tasks. Interaction design means where consumers what is their activities or tasks in the user interface and what will be their task in this process method, it will all explain of the systems.

User Experience of the project:

For Admin:

- Admin can manage product and user data information
- Admin can manage category of the system
- Admin can generate the whole system report
- Admin can give permission to upload the product

For user:

- User can upload auction product
- User can see the product without registration
- User can upload their product with a starting prize and provide them a certain date of the product.
- User can bid the product
- User can manage the product with editing mode.

4.4 Implementation Requirement:

The implementation requirement of a system or project has so many benefits for building a complete project. It involves with everything like abstract, background study, scope of problem, system requirements. It needs for every project system which is related with design specification and implementation. Without front-end and back-end specification the system will completely remain incomplete.

Server: 127.0.0.1 » Database: auction » Table: user

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	user_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	u_name	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	u_email	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
4	u_phone	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
5	u_password	varchar(60)	latin1_swedish_ci		No	None			Change Drop More
6	userRole	int(11)			No	None			Change Drop More
7	status	int(11)			No	None			Change Drop More
8	u_details	text	latin1_swedish_ci		No	None			Change Drop More

Figure 6: User Table

This (Figure 6) table it used for account creation user. When a new user registration into this account we can find out all the information about user.

Server: 127.0.0.1 » Database: auction » Table: tbl_verify

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	u_id	int(11)			No	None			Change Drop More
3	mobile	int(11)			No	None			Change Drop More
4	email	int(11)			No	None			Change Drop More

Figure 7: Table Verify

It is used for user's account verification. Basically this table is for creating randomly verification code for mobile and email.

Server: 127.0.0.1 » Database: auction » Table: tbl_slider

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	title	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	image	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
4	display	int(11)			No	None			Change Drop More
5	carousel	int(11)			No	None			Change Drop More

Figure 8: Table Slider

This (Figure 8) table is for if we want add product for our future and this database table represents the product's picture.

Server: 127.0.0.1 » Database: auction » Table: tbl_product

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	title	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	body	text	latin1_swedish_ci		No	None			Change Drop More
4	cat	int(11)			No	None			Change Drop More
5	image	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
6	user_name	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
7	user_id	int(11)			No	None			Change Drop More
8	date	timestamp			No	current_timestamp()			Change Drop More
9	min_prize	int(11)			No	None			Change Drop More
10	start_date	date			No	None			Change Drop More
11	end_date	date			No	None			Change Drop More
12	status	int(11)			No	None			Change Drop More

Figure 9: Product table

This (Figure 9) table basically uses for storing product what we are uploading and product information and also mentions product prize and event timing date.

Server: 127.0.0.1 » Database: auction » Table: tbl_contact

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	email	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	body	text	latin1_swedish_ci		No	None			Change Drop More
4	status	int(11)			No	None			Change Drop More
5	date	datetime			No	current_timestamp()			Change Drop More

Figure 10: Table Contact

This (Figure 10) table is used for storing information data about users. All the require contact information will save here.

Server: 127.0.0.1 » Database: auction » Table: tbl_category

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More

Figure 11: Table category

This (Figure 11) table is for which category of product we want to save in the database

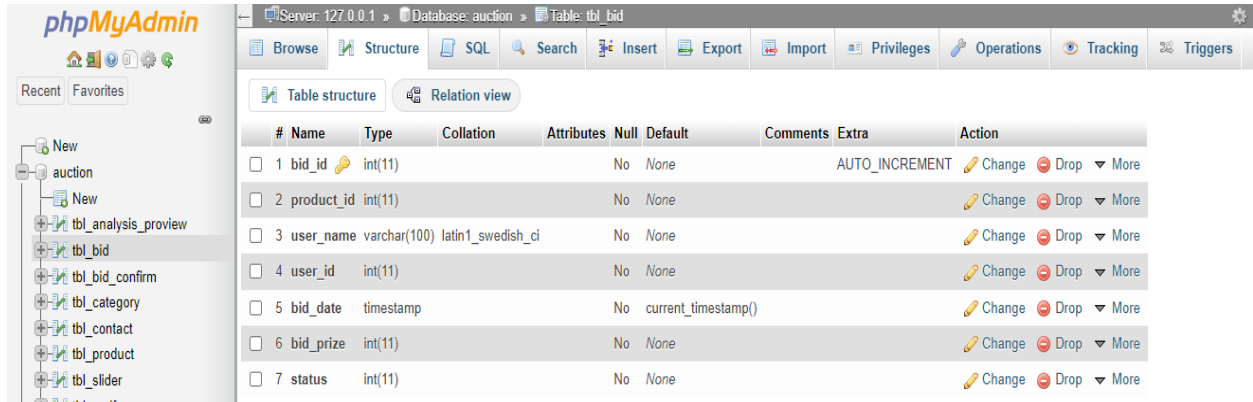
Server: 127.0.0.1 » Database: auction » Table: tbl_bid_confirm

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	confirm_bid_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	bid_id	int(11)			No	None			Change Drop More
3	user_name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	user_id	int(11)			No	None			Change Drop More
5	bid_prize	int(11)			No	None			Change Drop More
6	date	date			No	None			Change Drop More

Figure 12: Table Bid Confirm

This (Figure 12) table it stores the highest bid of the product when the admin will confirm the user then it will show the highest bidder user_id.

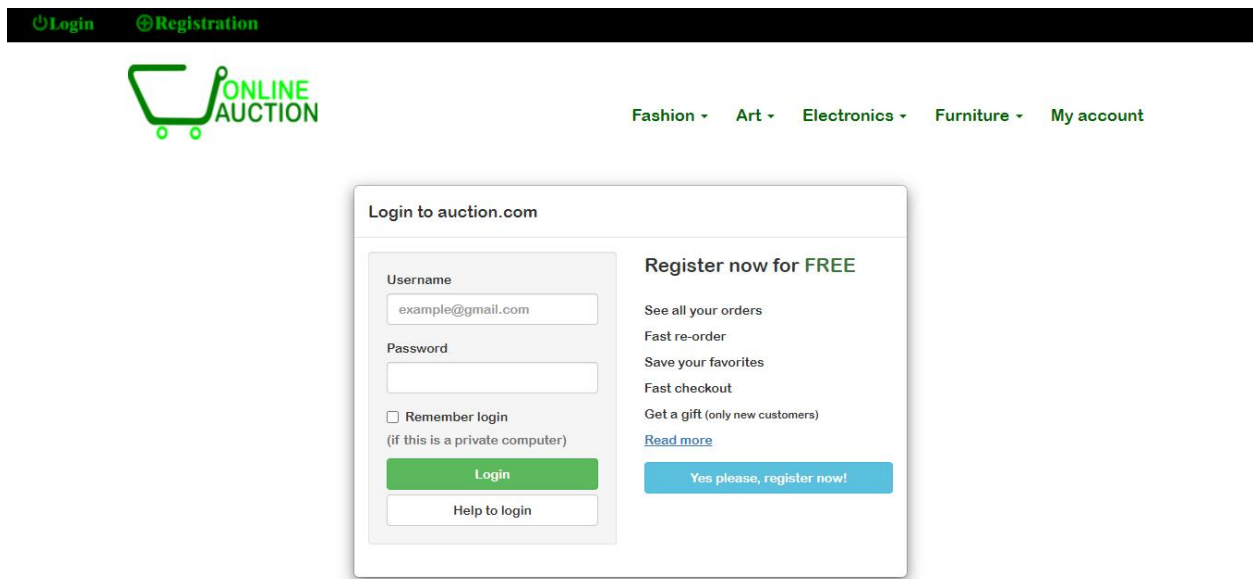


#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	bid_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	product_id	int(11)			No	None			Change Drop More
3	user_name	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
4	user_id	int(11)			No	None			Change Drop More
5	bid_date	timestamp			No	current_timestamp()			Change Drop More
6	bid_prize	int(11)			No	None			Change Drop More
7	status	int(11)			No	None			Change Drop More

Figure 13: Table Bid

In this (Figure 13) database table it uses for which persons are bidding the product. All of the bidder count information will save here.

5.2 Implementation of Front-end Design:



[Login](#)
[Registration](#)

ONLINE AUCTION

[Fashion](#)
[Art](#)
[Electronics](#)
[Furniture](#)
[My account](#)

Login to auction.com

Username

Password

☐ Remember login
(if this is a private computer)

Register now for FREE

- See all your orders
- Fast re-order
- Save your favorites
- Fast checkout
- Get a gift (only new customers)

[Read more](#)

Figure 14: Log In Page

Its (Figure 14) user interface represents the log in page of a user.

ONLINE AUCTION

Fashion Art Electronics Furniture My account

Registration to rm.com

Name
Please enter you username

Email
example@gmail.com

Mobile No.
01812020289

Password

Submit

Rule for Registration

- Provide correct info
- Insert current info
- Use realistic picture
- Use strong Password
- Update information
- Get a gift (only new customers)

[Read more](#)

Have account, login now!

Figure 15: Registration Page

This (Figure 15) interface it represents a registration page of a user when a user tries to register into this page.

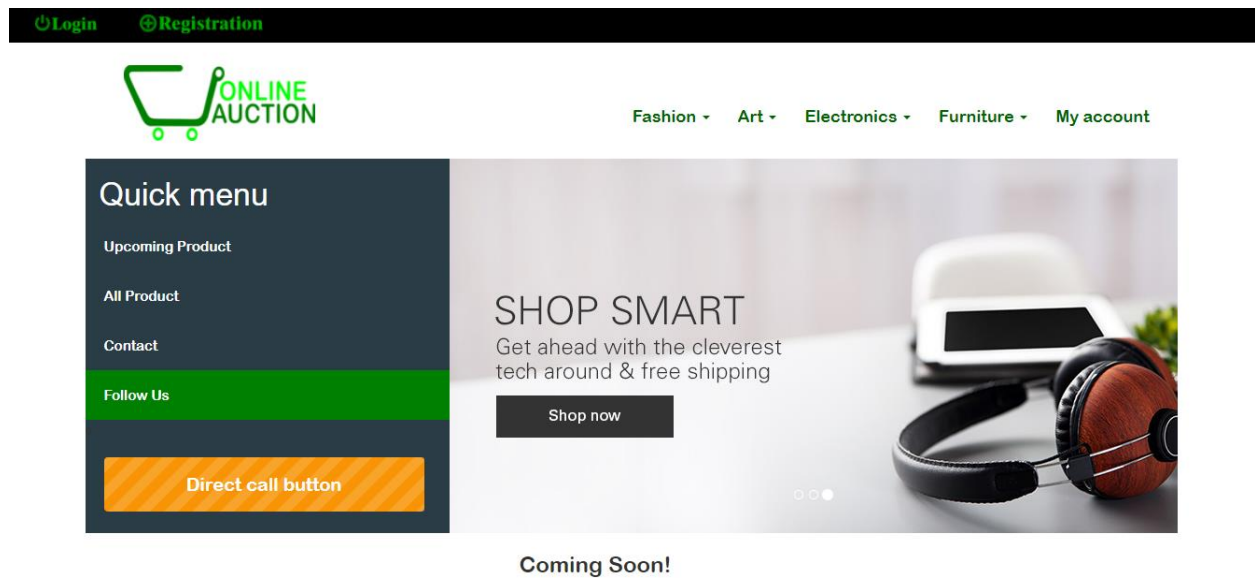


Figure 16: Homepage Upper side

This (Figure 16) represents the homepage of the website.



Figure 17: Homepage Middle

This (Figure 17) user interface it represent slider task of the website it means that which up-coming product is coming soon.

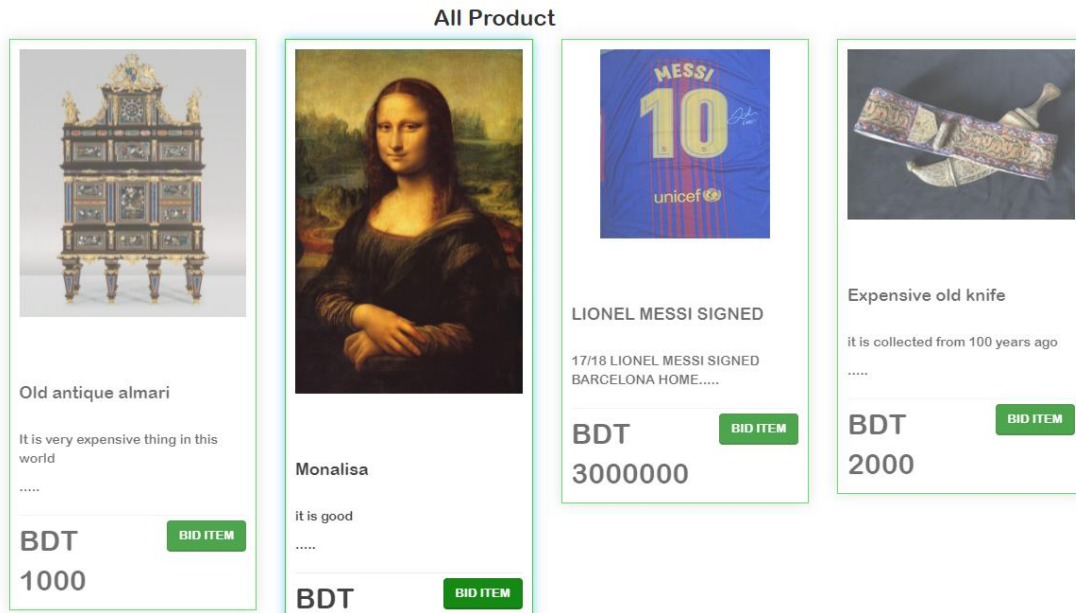


Figure 18: Home Page Down

This (Figure 18) user interface represents all the user's uploaded product will be shown here.

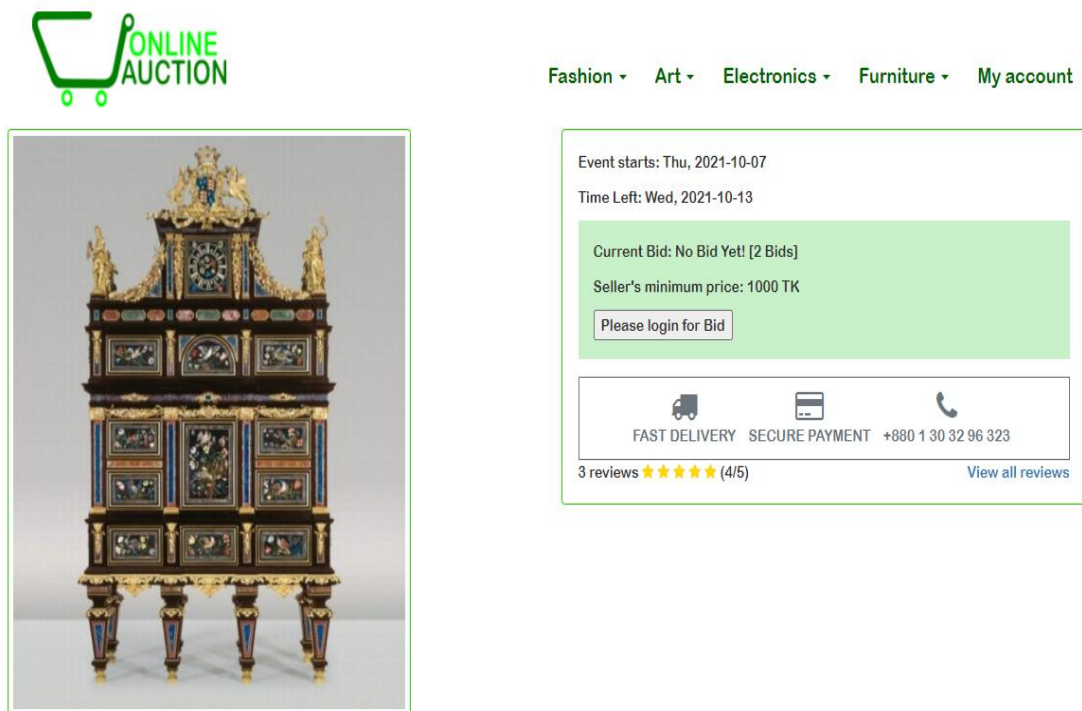
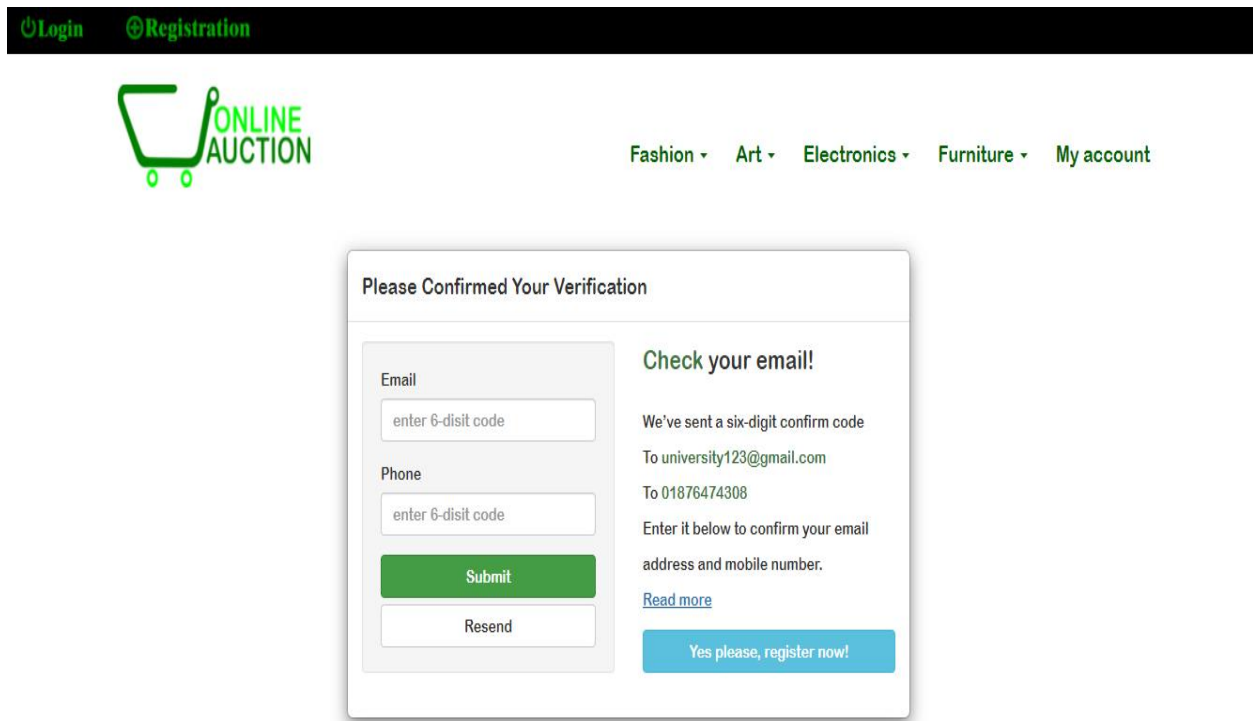


Figure 19: Bid page

Its (Figure 19) represents the bidding page of a product when a user tries to bid it.

5.3 Implementation and Testing:



The screenshot shows the 'Please Confirmed Your Verification' page of the 'ONLINE AUCTION' website. The page has a black header with 'Login' and 'Registration' links. Below the header is a navigation bar with a shopping cart icon and the text 'ONLINE AUCTION'. To the right of the navigation bar are links for 'Fashion', 'Art', 'Electronics', 'Furniture', and 'My account'. The main content area is a white box with a title 'Please Confirmed Your Verification'. It contains two input fields for 'Email' and 'Phone', both with placeholder text 'enter 6-disit code'. Below these fields are 'Submit' and 'Resend' buttons. To the right of the input fields is a section titled 'Check your email!' with the text 'We've sent a six-digit confirm code To university123@gmail.com To 01876474308 Enter it below to confirm your email address and mobile number.' Below this text is a 'Read more' link and a blue button that says 'Yes please, register now!'.

Figure: 20

When a user Register into the account then a verification page will come (Figure 20). So that, it needs some verification code for register the account. Where we can get this verification code.

	id	u_id	mobile	email
☐ Edit ☐ Copy ☐ Delete	17	22	818217	289491
☐ Edit ☐ Copy ☐ Delete	18	23	961024	476076
☐ Edit ☐ Copy ☐ Delete	19	24	376553	720070
☐ Edit ☐ Copy ☐ Delete	20	25	211130	665258
☐ Edit ☐ Copy ☐ Delete	21	26	321378	443746
☐ Edit ☐ Copy ☐ Delete	22	27	387636	752815
☐ Edit ☐ Copy ☐ Delete	23	28	694353	440420
☐ Edit ☐ Copy ☐ Delete	24	29	906987	505780

Figure: 21

In this verification page (Figure: 21) we can see that the table `tbl_verify` class has some verification code and this verification code will generate randomly. We can use this verification by using bulk sms plugins if we want to use it in real life. After a user log in into his account and upload his product so the user has to go user dashboard page (Figure: 22).

Product Option
Add Product
Manage Product
Bid Option

Add New Product

Title:

Category:

Upload Image: No file chosen

Content:

Start Date:

End Date:

Minimum Bid Prize:

Author:

Figure 22: User add product, prize and title

Also a user in this page (Figure: 22), he can give product prize, event start and ending date, bidding price. Selection of any product from homepage then a bidding page will come for bidding the product (Figure: 23).

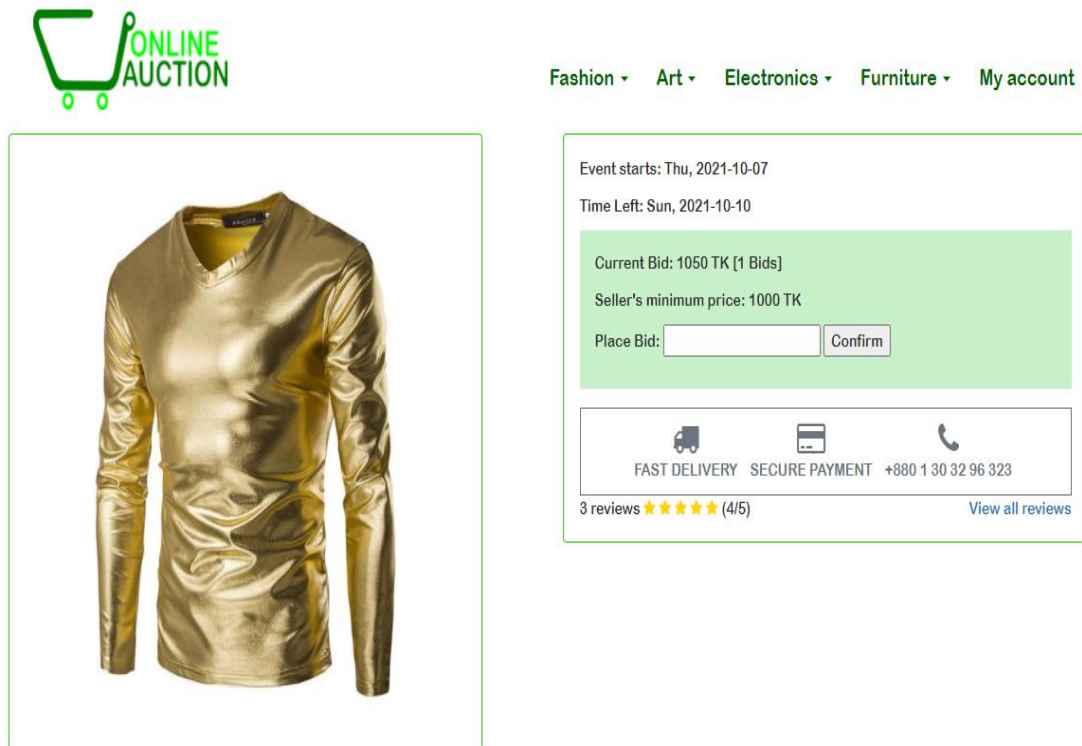


Figure: 23

Bidding of this product we can see that (Figure: 23) one of the user bid the product and there is bid count number. It also has a base prize. After bidding the product from multiple users and go the user's dashboard there is an option of MyBid. After selection of Mybid there will show a user interface like this (Figure: 24):

Online Auction

www.onlineauction.com

Hello atiqui Islam | Logout

Dashboard

User Profile

Change Password

Inbox

Product Option

Add Product

Manage Product

Bid Option

Product List

Show 10 entries

Search:

No.	Name	Image	My bid	Bid	Status
1	23	atiqui Islam		1300	Bid Not Yet Confirmed

Showing 1 to 1 of 1 entries

Figure: 24

In this user interface (Figure: 24) we can see that the product is not confirm yet. User can see this confirmation message when an admin confirms of the product like this:

Online Auction

www.onlineauction.com

Hello Amirul | Logout

Dashboard

User Profile

Change Password

Inbox

User List

Category Option

Add Category

Category List

Slider Option

Product Option

Bid Option

Analysis Report

Product List

Show 10 entries

Search:

No.	Name	Image	Final Bid User	Final Bid Price	Action
1	21	Amirul Islam		1100	Confirm User
2	23	atiqui Islam		1300	Confirm User

Showing 1 to 2 of 2 entries

Figure 23: Admin's Confirm page

This is admin's confirmation page (Figure 23) of the product. If admin clicks the confirm user the message will remove from admin's confirmation page. Now go to the user's page and there is an option user's Mybid. So that we can see our confirm bid product (Figure: 24).

The screenshot displays the 'Online Auction' website interface. The header is green and contains the site name, URL, and user login information. The sidebar on the left lists navigation options. The main content area is titled 'Product List' and features a table with columns for No., Name, Image, My bid, Bid, and Status. A single entry is shown with the name 'atiqui Islam' and a bid of 1300, with a status of 'Bid Confirmed'. Below the table, it indicates 'Showing 1 to 1 of 1 entries'.

No.	Name	Image	My bid	Bid	Status
1	23	atiqui Islam		1300	Bid Confirmed

Figure 24: User's bid confirm interface

This interface (Figure: 24) we can that bid is confirm of a user. So where we can see that our data is saved or not in the database.

	confirm_bid_id	bid_id	user_name	user_id	bid_prize	date
☐ Edit Copy Delete	11	43	Amirul Islam	26	4000000	2021-10-01
☐ Edit Copy Delete	12	45	Amirul Islam	26	2000	2021-10-03
☐ Edit Copy Delete	13	49	atiquil Islam	28	1300	2021-10-07

☐ Check all With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

Figure 25: Bid confirm Database

In this figure (Figure: 25) it is showing the bid confirm amount. So that, we can use user_id to find out the winner person from our database (Figure: 26).

	user_id	u_name	u_email	u_phone	u_password	userRole	status	u_details
☐ Edit Copy Delete	25	admin	admin@gmail.com	01876474308	e10adc3949ba59abbe56e057f20f883e	0	1	
☐ Edit Copy Delete	1	Amirul	amirul@outlook.com	1812020289	827ccb0eea8a706c4c34a16891f84e7b	1	1	
☐ Edit Copy Delete	26	Amirul Islam	amirulislam112233@gmail.com	01876474308	e3b0ab92511ce1f46960bed57f65f532	0	1	
☐ Edit Copy Delete	27	Ariful Islam	arifulislam123@gmail.com	01876474308	81dc9bdb52d04dc20036dbd8313ed055	0	1	
☐ Edit Copy Delete	28	atiquil Islam	atiquilislam123@gmail.com	01876474308	81dc9bdb52d04dc20036dbd8313ed055	0	1	
☐ Edit Copy Delete	22	mia	mia@gmail.com	01812020289	e10adc3949ba59abbe56e057f20f883e	0	1	
☐ Edit Copy Delete	29	ulab	university123@gmail.com	01876474308	81dc9bdb52d04dc20036dbd8313ed055	0	1	

Figure 26: User Table

5.4 Test Result and Report:

The test result of the system is completely done. If I want to say about test result from the beginning there are a lot implementation for this system. At first, when a new user wants to register into the registration page, he has to give his information into the registration page. When the registration

is done, a user needs verification code for register the account. After that the database will randomly create this verification code for user. Admin will also check the email so that the email is valid or invalid. If admin finds our any wrong regarding this email, the admin does not give permission to access the account. When everything okay a user can log in into his/her account. After log in into the account the user can see product and add product from their user dashboard. After adding their product they can give prize, auction start date and ending date. When they click to save the product the request message will go through the admin. Then admin's user dashboard there is a product active request from normal user. If the admin clicks the active product, the product will show in homepage. Any selection of the product from homepage then a bid page will come to bid of product. Multiple Users can bid the product from multiple account and bid count will also show. When bid event is over and the user who give the highest bid rete of the product, it will get a confirmation message in its user's dashboard. When admin confirm the product, user can see his confirm bid message in his/her user dashboard. After going to the database, there is a `bid_confirm_table` where it shows the highest bid of `user_id`. Using that `user_id` we can find the winner of that product.

Chapter 6: Impact on Society, Environment and Sustainability:

6.1 Impact on Society:

In our society, it will be a great impact on our society for using the project system. The system of the project is totally friendly system for every user. Because using this system people do not need to go out for selling or buying their favorite product. There are a lots project in our society, they do not provide good services which does not impact on society. Other project in the society, those are not well friendly system. Many of us have some special antique items which are trying to sell their product. The system of the project right now not well organized in our society or developers do not think about it. Because developers think that this project does not necessary in our country. Now today our society technically so much updated. They prefer the way which will help them to save their valuable time and energy. If they can try to save their valuable time and energy, it will help them for doing their another important work.

6.2 Impact on Environment:

The system of this project is well organized and very eco-friendly process. This system of this project it does not damage any environmental elements. The elements that we are using in this system is totally material product. Material product means those elements which are artificially created by humans. And those elements are so much expensive product in today's world. Those materials which are not much available in our country. Those elements which are most expensive and people want to collect or buy that expensive items as a hobby. For this good reasons and provide good services, this system will give a great impact on environment.

6.3 Ethical Aspect:

The ethical aspect of the project is completely legal and flexible for every user. In this system project, every activity of project task is different from other side country in the world. Basically this project will allow legal person who wants to deal with it. It is very important that illegal activities always go wrong way and it will go through unethical aspect. The good ethical aspects

of the project is that providing good behavior of services. Otherwise, this project of the system will never follow its future plan.

6.4 Sustainability Plan:

Sustainability means it will be in a good place in future. This system of the plan, it will work for better performance, adding new features, responsiveness less time, new plugins etc. it will follow advance technology, and tools that's help it stronger in future place.

Chapter 7: Conclusion and Future Scope

7.1 Discussion and Conclusion:

Online Auction system is a system where the new experience and has greatly impacted the normal lives of consumers in its short of existence. It will expect to grow constantly in years to come with advance technology. Online Auction System has made consumers more effective and more efficient in their behavior and has driven business to a next level, forcing many to make the necessary adjustments changes to reach the market place of knowledgeable consumers. Results of this survey underscore the actual need for businesses to take the online market seriously. Making of this survey revealed a positive attitude and behavior towards Online Auction System those consumers who still like traditional stores. Continuous efforts have to be devoted to studying consumer Online Auction System. With the knowledge of consumer Online Auction System behavior, it is believed that e-auction continue to grow it will become not only an important business revenue, but also a part of people's daily life. The project implementation's performance will be increased in our future plan so that consumers will happy with it when the performance will to much good for browsing.

7.2 Future Plan:

These thing will implement in future:

Add rating: Register user can add their rating points when they will satisfy after buying product.

Credit Card: Future word could involve credit card such as pay pal, master card, visa card etc.

Plugins: All of the plugins will remove in future and make own way.

Dynamic: We will try to 100 percent dynamic of our existing sites.

Security: Making the security level very strong for customers.

References:

<https://www.tinymce.com/docs/plugins/>

<https://Canvasjs.com>

<http://bizwarriors.com/forum/>

Doyle, M. (2011). Beginning PHP 5.3. Hoboken: John Wiley & Sons, Inc.