

FPT ACADEMY INTERNATIONAL
FPT – APTECH COMPUTER EDUCATION

Centre Name: ACE-HCMC-2-FPT.

Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.

[Online Auction]

Supervisor:	<i>Hoàng Đức Quang</i>	
Semester:	<i>03</i>	
Batch No:	<i>T1.1807.M0</i>	
Group No:	<i>02</i>	
Order:	Full name	Roll No.
1.	Phạm Hữu Nhân	Student1098242
2.	Nguyễn Hoàng Bảo	Student1133323
3.	Đỗ Khánh Duy	Student1130990
4.	Nguyễn Ngọc Minh Châu	Student1105817

Month 10 Year 2019



This is to certify that

Mr. **Phạm Hữu Nhân**

Mr. **Nguyễn Hoàng Bảo**

Mr. **Đỗ Khánh Duy**

Mr. **Nguyễn Ngọc Minh Châu**

Have successfully Designed & Developed

Online Auction

Submitted by:

Hoang Duc Quang

Date of Issue: **22/10/2019**

Authorized Signature: _____

Design Plan: Online Auction	Document Name: Acknowledgement	SWD/Form No. 01
Effective Date: 22/10/2019	Version 1.0	Page No: 3 of 31

Acknowledgement

- Our team has put a lot of effort into improving the website, there are shortcomings that hope to sympathize. This project aims at creating an Online Auctioning system which can be used to buy and sell articles. The users of the system can create an Item for sale providing the item name, description, an image of the item, minimum bid prize etc.

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	Project Group No: 02	Hoang Duc Quang
Signature		
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Design Plan: Online Auction	Document Name: Synopsis	SWD/Form No. 01
Effective Date: 22/10/2019	Version 1.0	Page No: 4 of 31

Synopsis

- Online Auction is where users can post items they need to sell and buy items they need

- Online auctions also give people the opportunity to learn more about auctioning tems. All information is well organized and included in directories for easy searching and time consuming

- Online Auction also allows users to thoroughly explore or choose items as well as information about each product and thereby make decisions for themselves.

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Design Plan: Online Auction	Document Name: Problem Definition	SWD/Form No. 01/PD/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 5 of 31

Problem Definition

Having read the project specifications, our team members realize that there are problems and difficulties which may interfere with the users' experience. In order to make the most precise decision and look for the best solution to tackle this, each developer has to consider the following queries thoroughly:

- 1) How many auction products do we need on the web page?
- 2) How many pictures need to be shown?
- 3) What information should be displayed on the homepage?
- 4) How can the users interact with the website?
- 5) How can customers post products to sell?

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Date		

Design Plan: Online Auction	Document Name: Problem Definition	SWD/Form No. 01/PD/Ver1.0
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The website is to be developed for the Windows Platform using HTML5, ASP.NET, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

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Signature		
Date		

Design Plan: Mobile shop	Document Name: Customer Requirements Specifications	SWD/Form No. 02/CRS/Ver1.0
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Customer Requirements Specifications

Guest:

- Registration account.
- Login with username and password.
- Post your auction products information(starting price, image, date start, date end, description...).
- Join the auction of the items you want to buy.
- View and change profiles.
- View history auction.
- Monitor your product.
- Search information on products being auctioned.
- Search information on product categories.
- Check information about your product.
- The sellers should be able to edit the item. The seller should be able to do the following:-
 - 1) Upload a new Image
 - 2) Upload a document
 - 3) Change the bid increment
 - 4) Description

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Signature		
Date		

Design Plan: Online Auction	Document Name: Customer Requirements Specifications	SWD/Form No. 02/CRS/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 8 of 31

Admin:

- Monitor products .
- Delete products.
- View history bid.
- Manage category(add new, update, delete).
- Manage user.
- Update, edit and delete category.
- Notification about signing up success or fail.
- Notification about deleting products successfully or fail.
- Notification about deleting members successfully or fail.

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Signature		
Date		

Design Plan: Online Auction	Document Name: Customer Requirements Specifications	SWD/Form No. 02/CRS/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 9 of 31

Hardware/ Software Requirements

Hardware

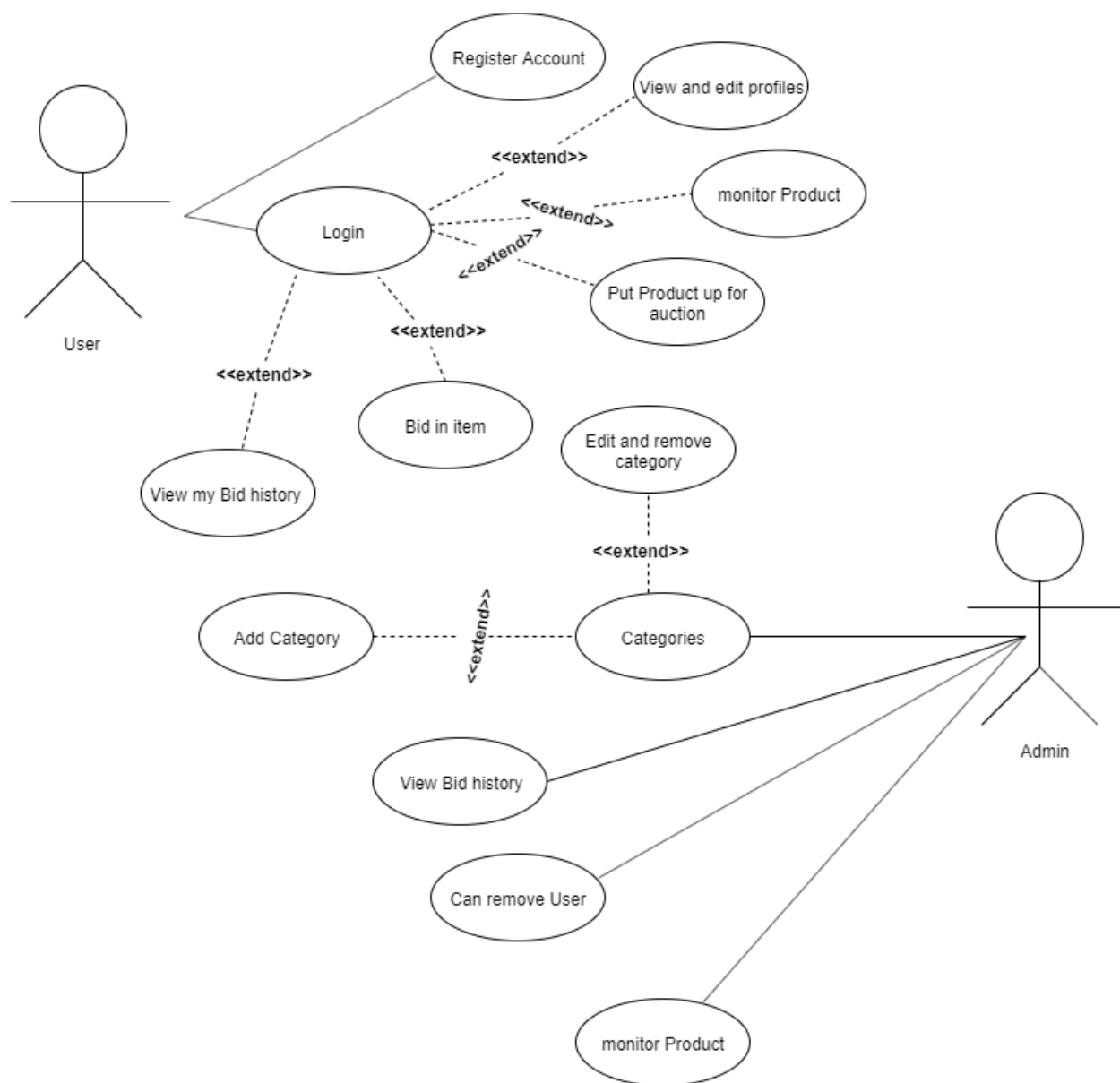
- 1.0 GHz x86 Processor, Pentium III-compatible processor or faster.
- 1.4 GHz x64 Processor, AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support or faster.
- 1.0 GB RAM. Recommended 2.0 GHz or faster.
- 2.0 GB of Hard disk free.
- Screen require VGA at least 1024x768 pixel resolution or higher.

Software

- Visual studio .Net/ ASP.
- IIS Sever.
- .Net Framework.
- Java Virtual Machine/ J2EE sever.
- Notepad/Java editor .
- J2sdk1.4.1_02(or later).
- EJB Dev Kit.
- Java enable web sever.
- JSP/Servlets Dev. Kit.

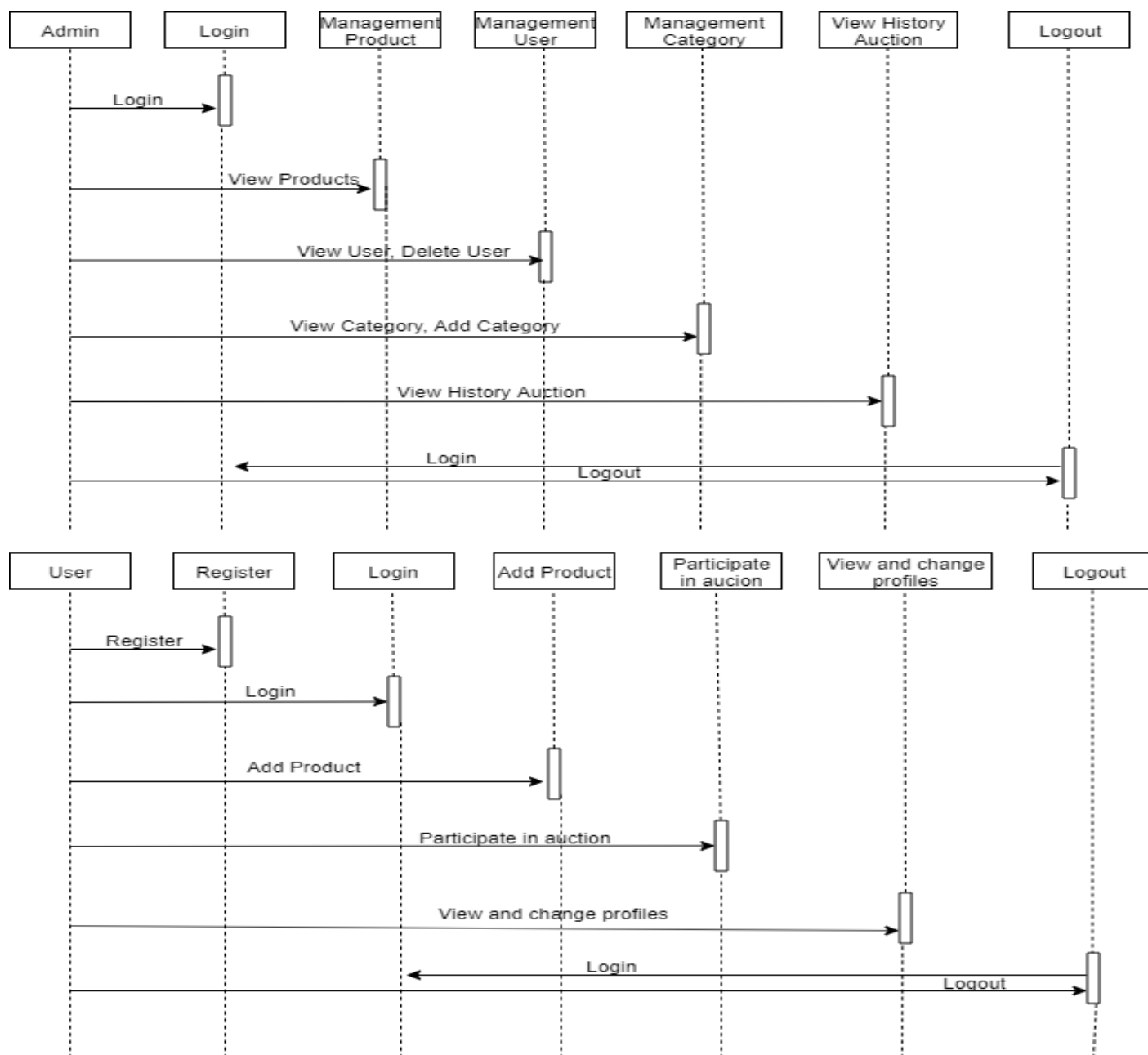
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	Hoang Duc Quang
Signature		
Date		

Design Plan: Online Auction	Document Name: Use Case	SWD/Form No. 02/CRS/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 10 of 31



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Date		

Design Plan: Online Auction	Document Name: Use Case	SWD/Form No. 02/CRS/Ver1.0
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Signature		
Date		

Design Plan: Online Auction	Document Name: Database Design	SWD/Form No. 02/CRS/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 12 of 31

DESKTOP-R0JNRC0\..._MigrationHistory X			
	Column Name	Data Type	Allow Nulls
▶🔑	MigrationId	nvarchar(150)	<input type="checkbox"/>
🔑	ContextKey	nvarchar(300)	<input type="checkbox"/>
	Model	varbinary(MAX)	<input type="checkbox"/>
	ProductVersion	nvarchar(32)	<input type="checkbox"/>
			<input type="checkbox"/>

Table: Migration History

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	Hoang Duc Quang
Signature		
Date		

Design Plan: Online Auction	Document Name: Database Design	SWD/Form No. 02/CRS/Ver1.0
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DESKTOP-R0JNRC0\...tion - dbo.Admins


	Column Name	Data Type	Allow Nulls
	AId	int	<input type="checkbox"/>
	AName	nvarchar(20)	<input type="checkbox"/>
	Password	nvarchar(20)	<input type="checkbox"/>
			<input type="checkbox"/>

Table: Admins

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	Hoang Duc Quang
Signature		
Date		

Design Plan: Online Auction	Document Name: Database Design	SWD/Form No. 02/CRS/Ver1.0
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DESKTOP-R0JNRC0\...o.HistoryAuctions X			
	Column Name	Data Type	Allow Nulls
	AHId	int	<input type="checkbox"/>
	PId	int	<input type="checkbox"/>
	UIId	int	<input type="checkbox"/>
	PriceAuction	int	<input type="checkbox"/>
	Status	nvarchar(MAX)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

Table: History Aution

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	Hoang Duc Quang
Signature		
Date		

Design Plan: Online Auction	Document Name: Database Design	SWD/Form No. 02/CRS/Ver1.0
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DESKTOP-R0JNRC0\...on - dbo.Products X


	Column Name	Data Type	Allow Nulls
	PId	int	<input type="checkbox"/>
	PName	nvarchar(50)	<input type="checkbox"/>
	DateStart	datetime	<input type="checkbox"/>
	DateEnd	datetime	<input type="checkbox"/>
	MinimumPrice	int	<input type="checkbox"/>
	MaximumPrice	int	<input checked="" type="checkbox"/>
	Description	nvarchar(300)	<input type="checkbox"/>
	Status	nvarchar(MAX)	<input type="checkbox"/>
	Incremenent	int	<input type="checkbox"/>
	Image	nvarchar(MAX)	<input checked="" type="checkbox"/>
	UId	int	<input type="checkbox"/>
	CId	int	<input type="checkbox"/>
			<input type="checkbox"/>

Table: Products

	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: Online Auction	Document Name: Database Design	SWD/Form No. 02/CRS/Ver1.0
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DESKTOP-R0JNRC0\S...ction - dbo.Users


	Column Name	Data Type	Allow Nulls
	UId	int	<input type="checkbox"/>
	UName	nvarchar(30)	<input type="checkbox"/>
	Password	nvarchar(20)	<input type="checkbox"/>
	Phone	nvarchar(20)	<input checked="" type="checkbox"/>
	Address	nvarchar(50)	<input checked="" type="checkbox"/>
	Image	nvarchar(300)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

Table :Users

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	Hoang Duc Quang
Signature		
Date		

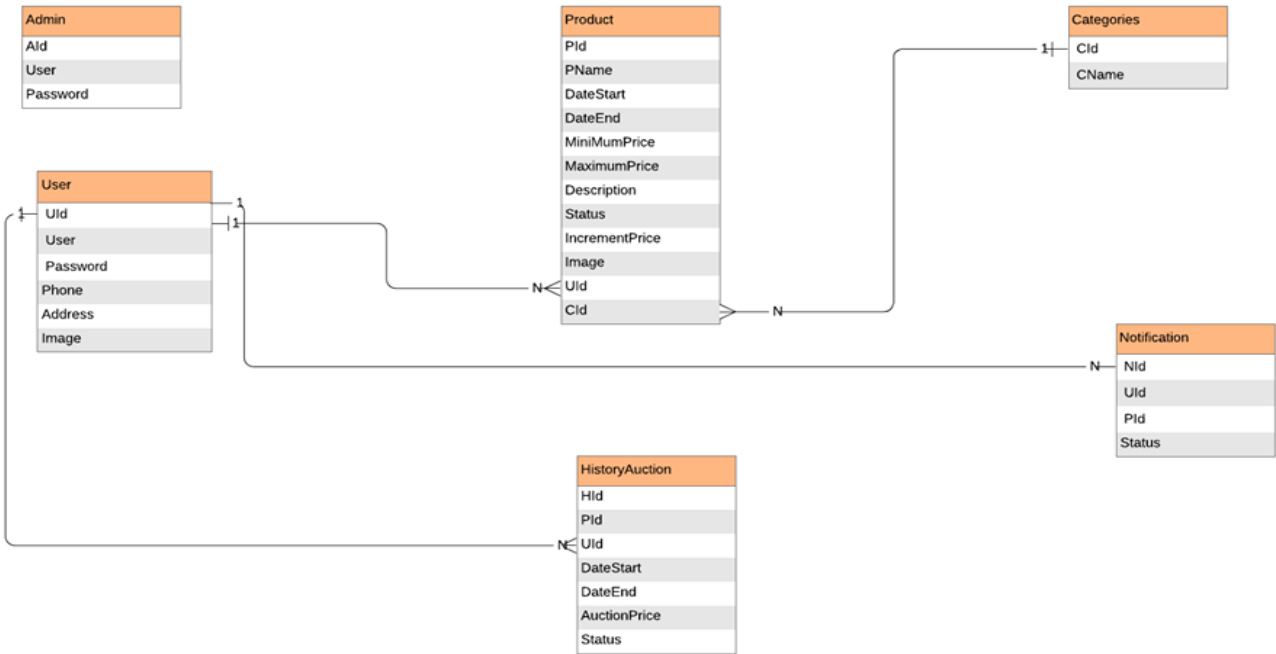
Design Plan: Online Auction	Document Name: Database Design	SWD/Form No. 02/CRS/Ver1.0
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DESKTOP-R0JNRC0\S...- dbo.Categories X			
	Column Name	Data Type	Allow Nulls
▶ 🔑	CId	int	<input type="checkbox"/>
	CName	nvarchar(50)	<input type="checkbox"/>
			<input type="checkbox"/>

Table: Categories

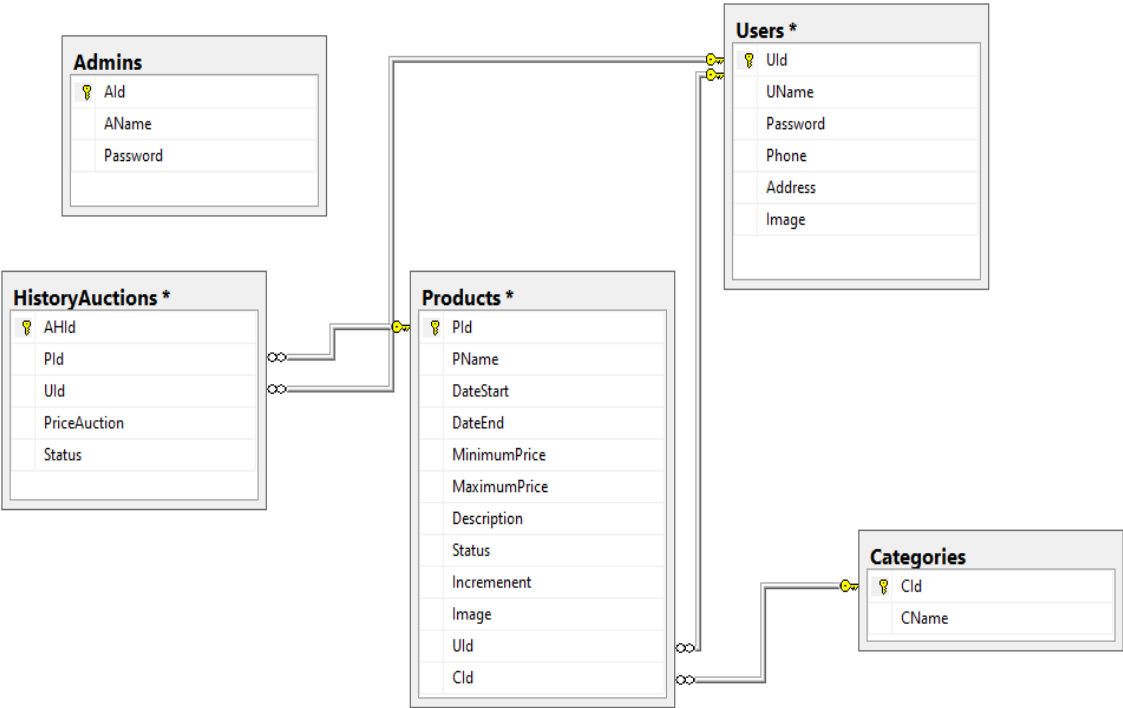
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	Hoang Duc Quang
Signature		
Date		

Design Plan: Online Auction	Document Name: ERD	SWD/Form No. 02/CRS/Ver1.0
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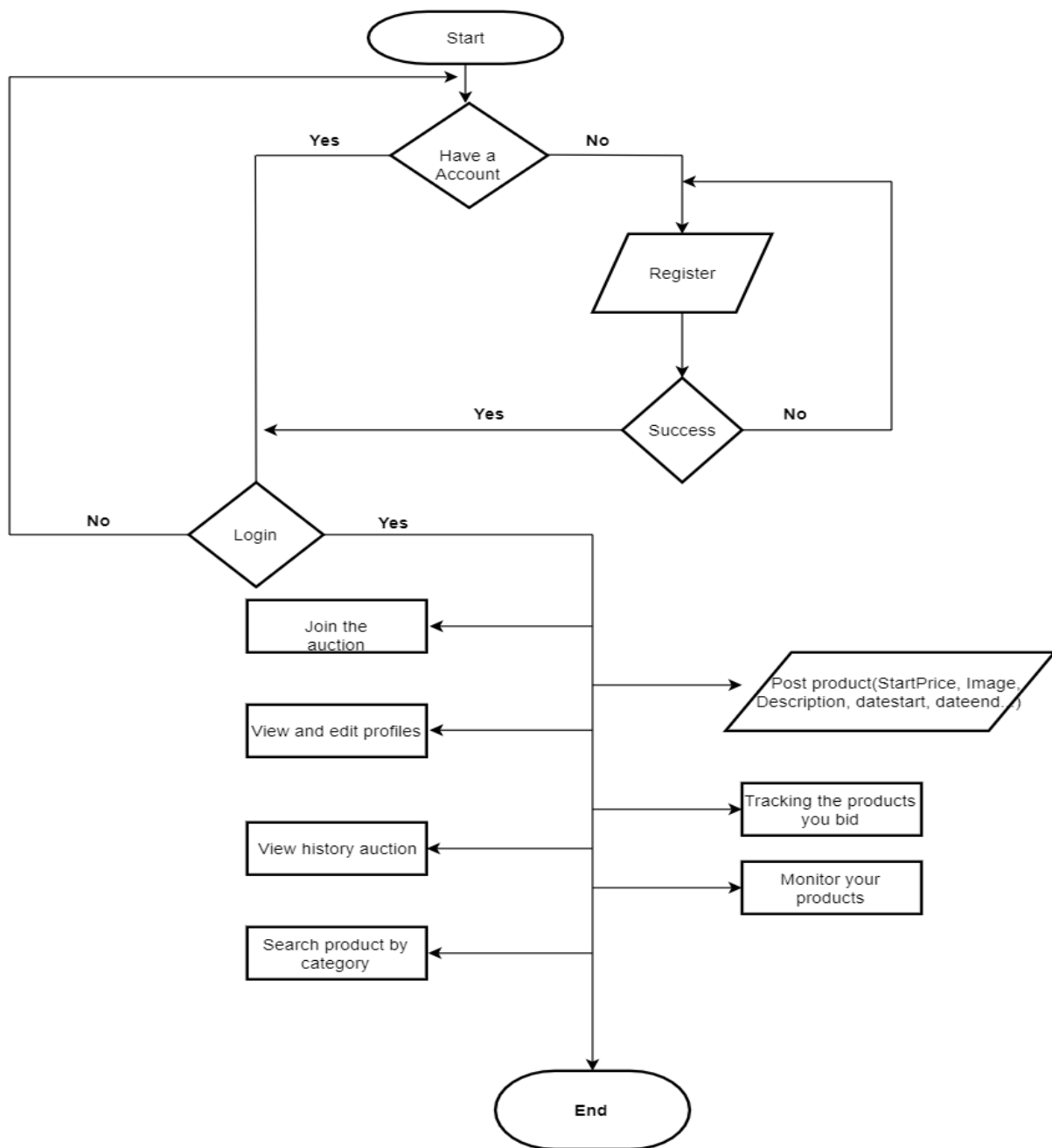
	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: Online Auction	Document Name: Database Diagram	SWD/Form No. 02/CRS/Ver1.0
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Design Plan: Online Auction	Document Name: Algorihtm	SWD/Form No. 02/CRS/Ver1.0
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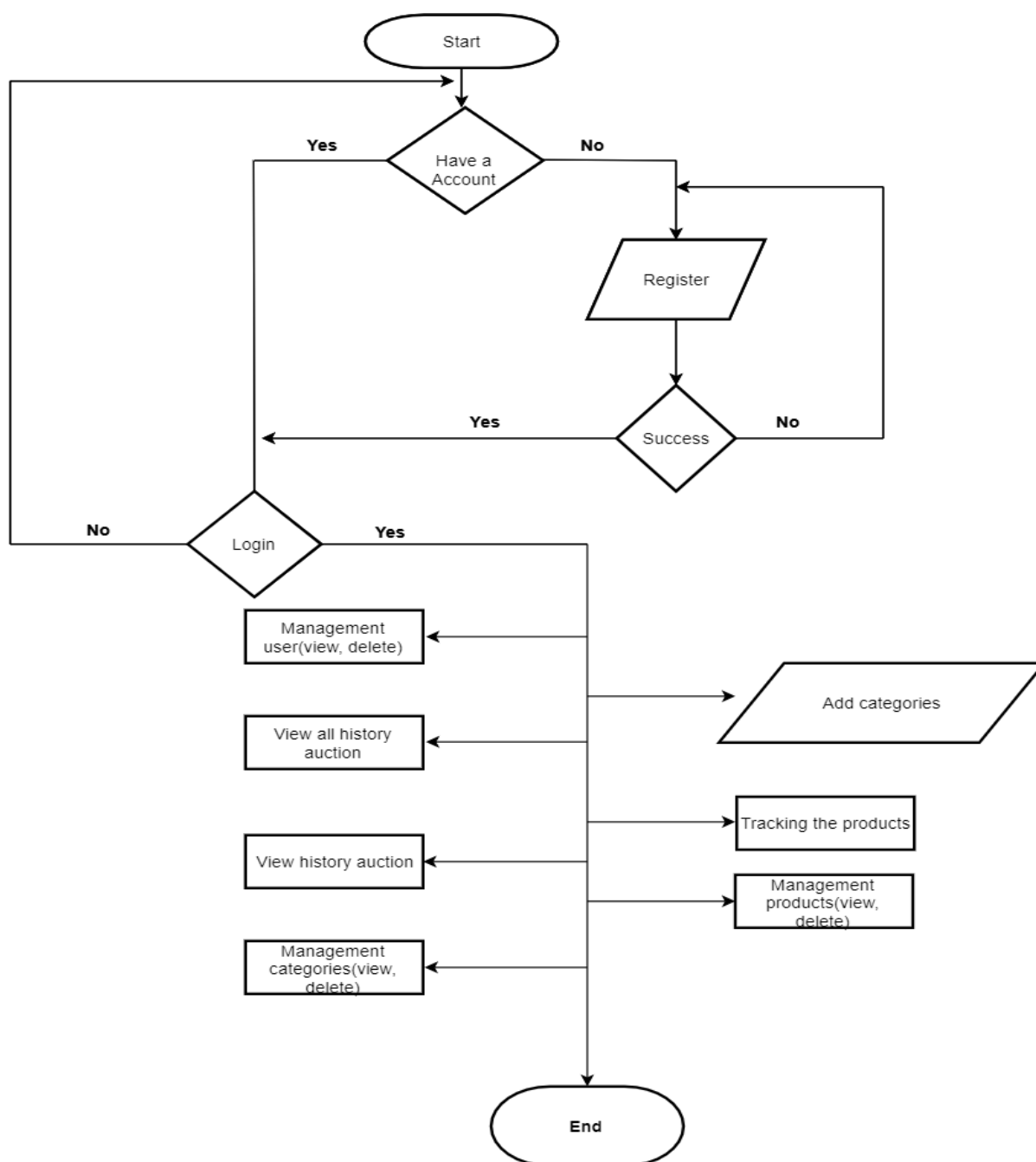
A. User:



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Signature		
Date		

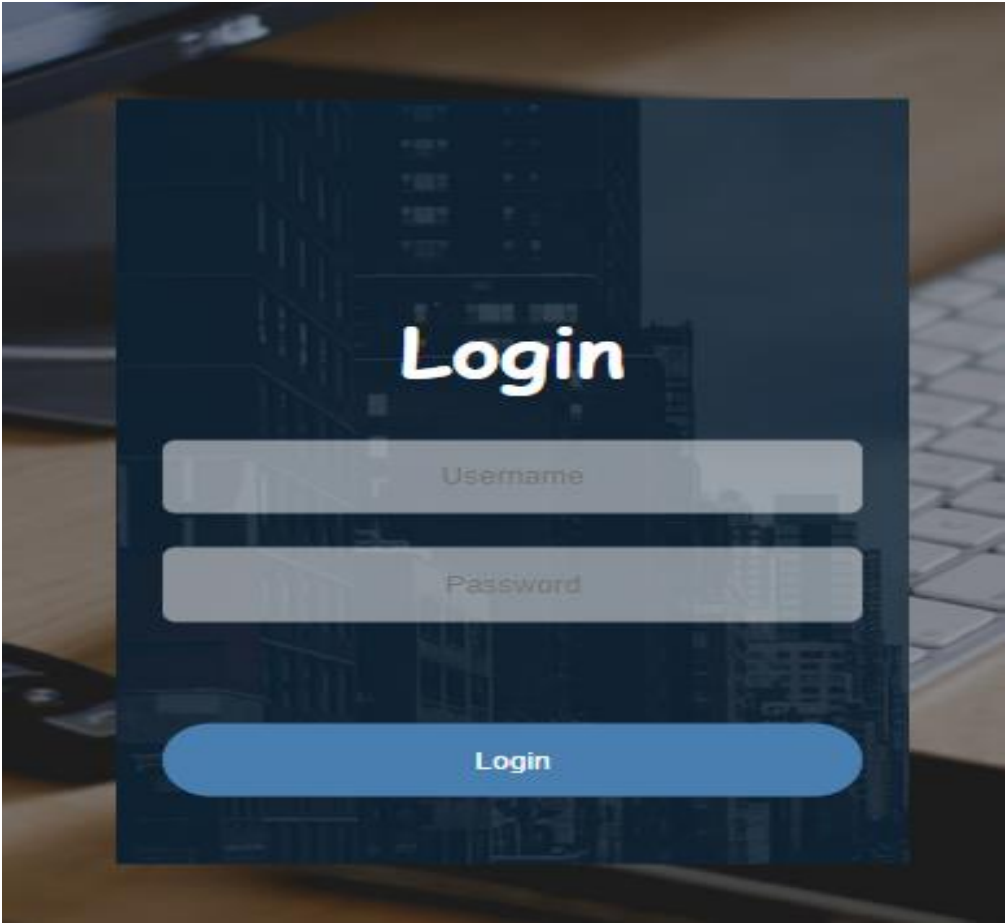
Design Plan: Online Auction	Document Name: Algorithm	SWD/Form No. 02/CRS/Ver1.0
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B. Admin:



	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: Online Auction	Document Name: Screen shot	SWD/Form No. 02/CRS/Ver1.0
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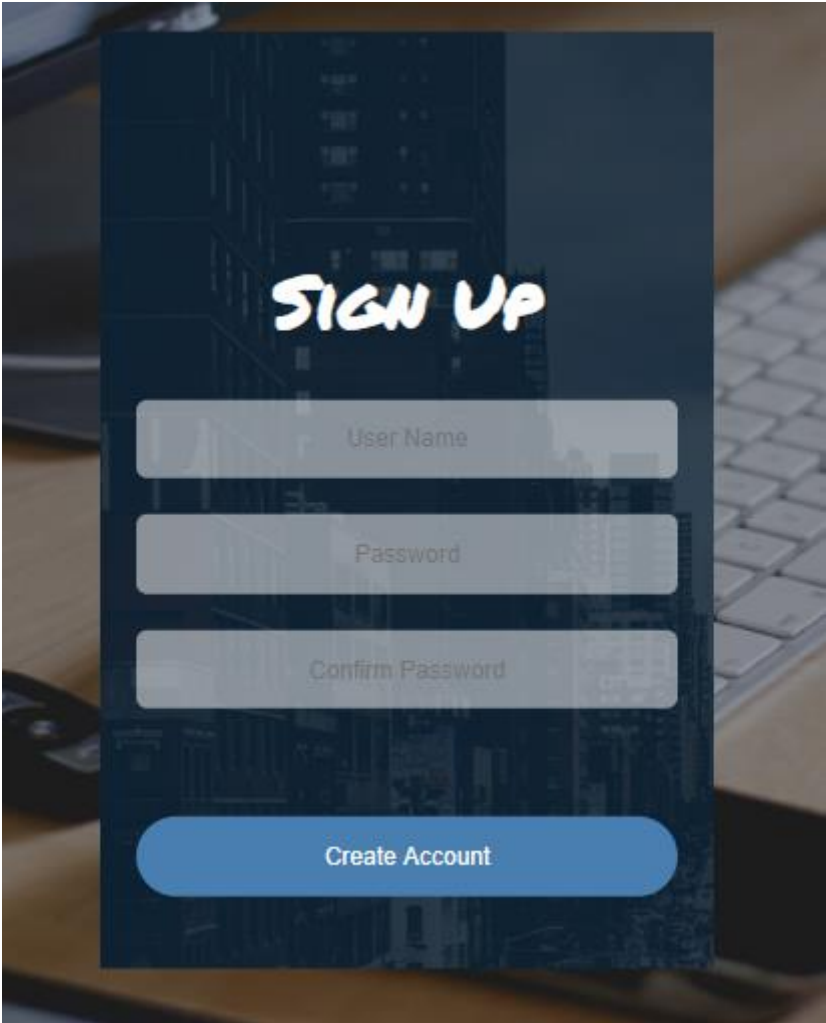


Describe: This Page use to login to admin or user

- Account name without spaces and more than 3 characters
- Password more than 3 characters

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Signature		
Date		

Design Plan: Online Auction	Document Name: Screen shot	SWD/Form No. 02/CRS/Ver1.0
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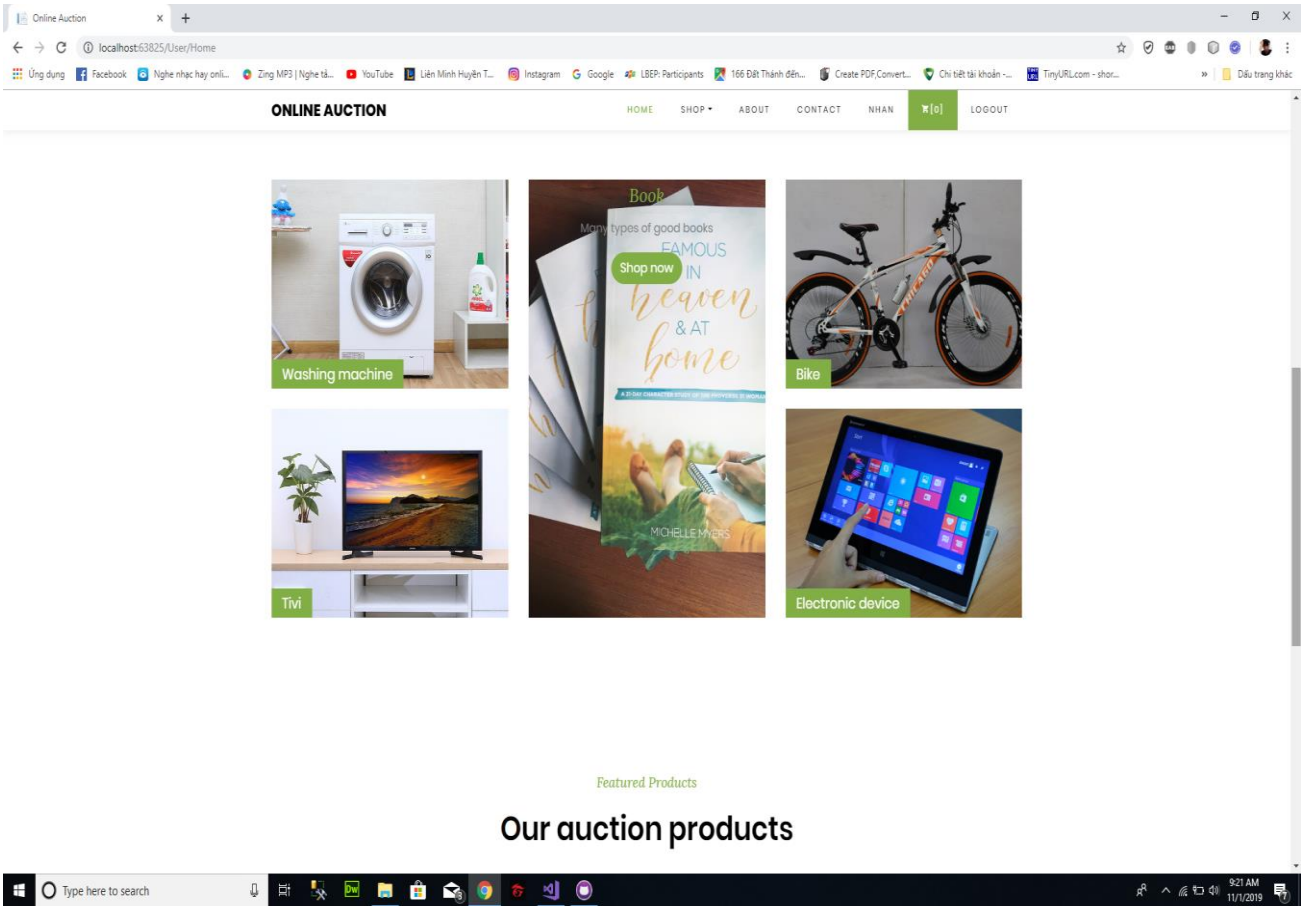


Describe: This page use to sign in to user

- Account name without spaces and more than 3 characters
- Password more than 3 characters
- Password and Confirm Password must be the same

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Signature		
Date		

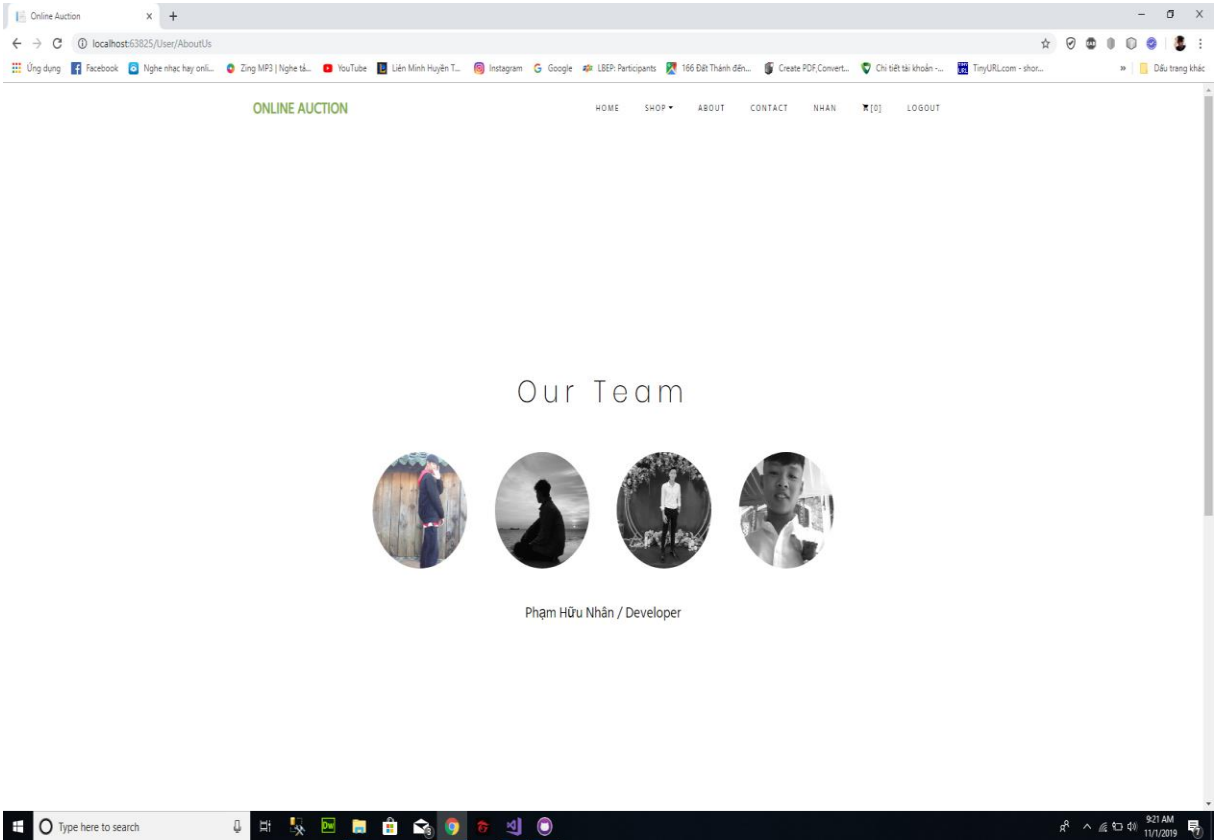
Design Plan: Online Auction	Document Name: Screen shot	SWD/Form No. 02/CRS/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 24 of 31



Describe: This page is Home Page for user

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Signature		
Date		

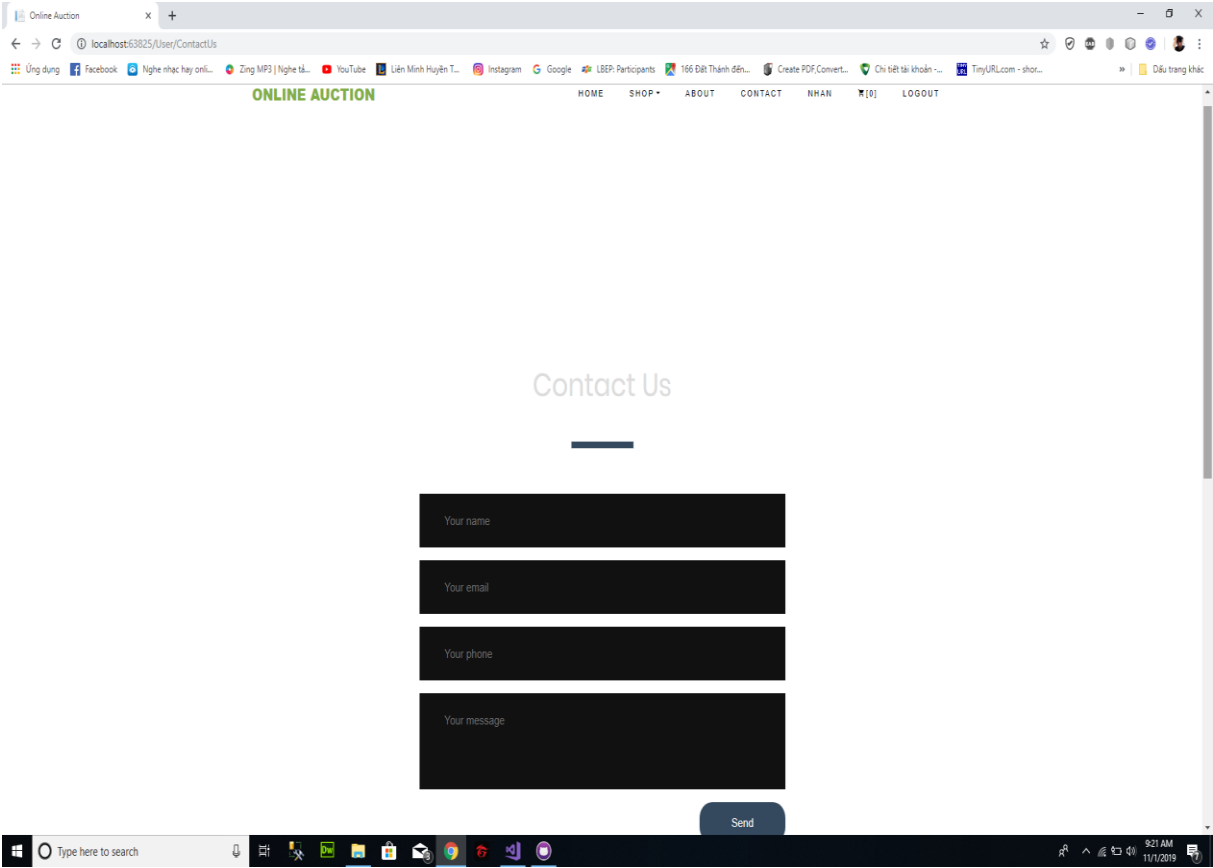
Design Plan: Online Auction	Document Name: Screen shot	SWD/Form No. 02/CRS/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 25 of 31



Describe: This page use to contact

	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

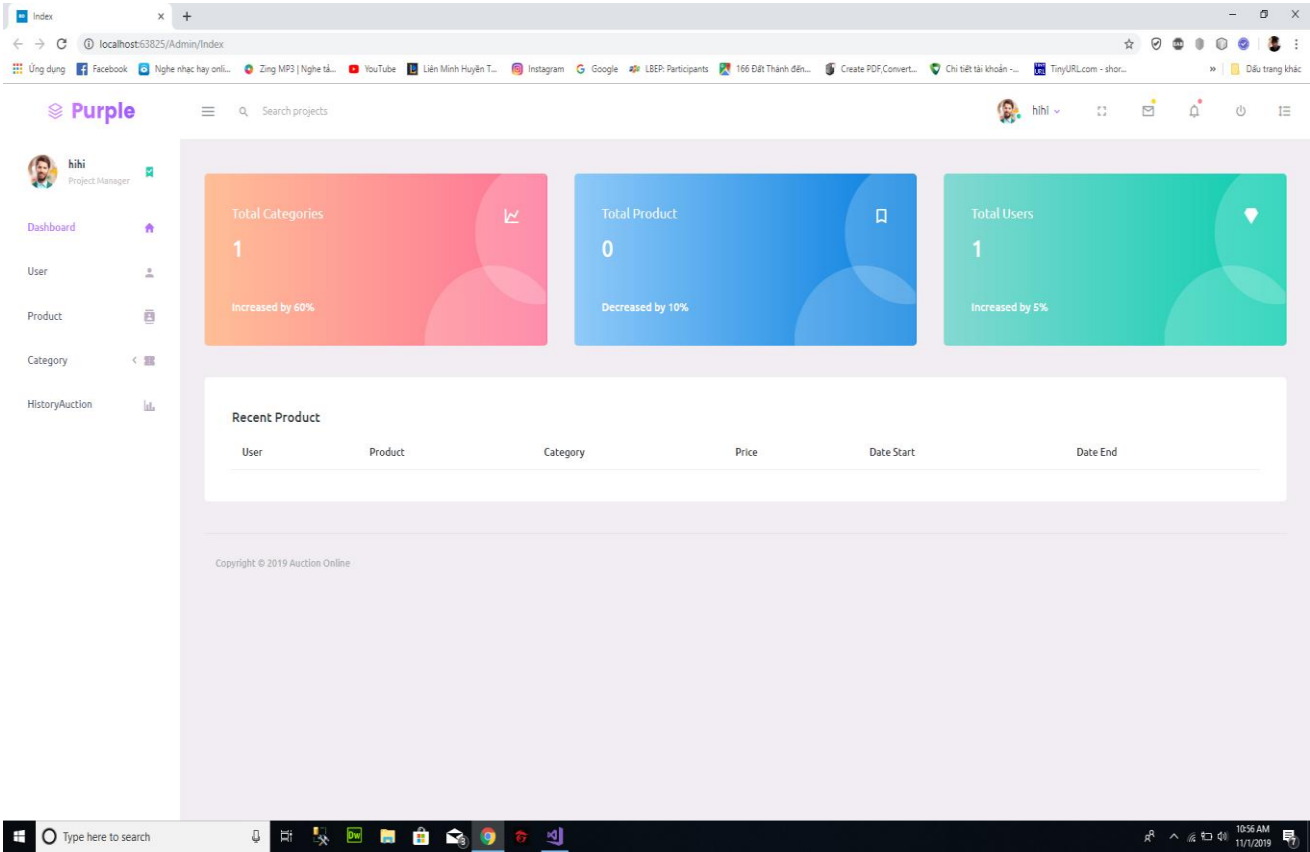
Design Plan: Online Auction	Document Name: Screen shot	SWD/Form No. 02/CRS/Ver1.0
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Describe: This page use to contact

	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: Online Auction	Document Name: Screen shot	SWD/Form No. 02/CRS/Ver1.0
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Describe: This page is Admin home page

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Signature		
Date		

Design Plan: Online Auction	Document Name:Testing Document	SWD/Form No. 02/CRS/Ver1.0
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TESTING DOCUMENT

S.No.	Form	VALIDATE
1.	Register	Full name: Must be more than 3 letter Password: Must be more than 3 letter Re-Password: Must be matched and the same Password
2.	Login	Check if account exists in the a database?
3.	Add Product	PId: Not null, unique DateStart: Current day DateEnd: After DateStart Price: digit only and not null Name: not null Category: not null, The category to which the item belongs Incremenent: It can be incremented by any
4.	Edit Product	PId: Not null, unique DateStart: Current day DateEnd: After DateStart Price: digit only and not null Name: not null Category: not null, The category to which the item belongs Incremenent: It can be incremented by any
5.	Contact	All field not null
6.	Feedback	Description: Must be more than 2 letter
7.	History Auction	All field not null

Design Plan: Online Auction	Document Name:Task Sheet	SWD/Form No. 02/CRS/Ver1.0
Effective Date: 22/10/2019	Version 1.0	Page No: 30 of 31

C	Member	Contents	Form Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	Pham Huu Nhan	Create Home Page, Sign up page, Sign in page	Home.cshtml, Signin.cshtml, Signup.cshtml	19/10/2019	22/10/2019	3	Ok
2		Product(Create, Update)	MyProduct.cshtml				Not yet
3		History(Insert)		26/10/2019	26/10/2019		Ok
4		Contact us, About us	ContactUs.cshtml, AboutUs.cshtml	27/10/2019	31/10/2019		Ok
5							Not yet
1	Nguyen Hoang Bao	Create Home Page, Create Admin Page	Home.cshtml, Index.cshtml, History.cshtml	19/10/2019	22/10/2019	3	Ok
2		User(Create,Update)		28/10/2019	31/20/2019		Ok
3		History(Update)					Not yet
4		Logout		2/11/2019	2/11/2019		Ok
5		Auction Processing					Not yet
1	Do Khanh Duy	Create Admin Page	AddCategory.cshtml, Categories.cshtml	19/10/2019	22/10/2019	3	Ok
2		User(Delete)		23/10/2019	23/10/2019		Ok
3		History(Delete)					Not yet
4		Category(View, Update)					Not yet
1	Nguyen Ngoc Minh Chau	Create Admin Page	History.cshmlt, Product.cshmlt	19/10/2019	22/10/2019	3	Ok
2		Product(Delete)	MyProduct.cshtml				Not yet
3		History(view)	History.cshtml				Not yet
4		Category(delete)		2/11/2019	3/11/2019		Ok

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	Hoang Duc Quang
Signature		
Date		