

Centre Name: ACE-HCMC-2-FPT.

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

iWatches

Supervisor:	<i>LÊ THANH NHÂN</i>	
Semester:	<i>02</i>	
Batch No:	<i>T1.1807.M0</i>	
Group No:	<i>02</i>	
Order:	Full name	Roll No.
1.	Chế Gia Huy	Student1133321
2.	Trần Thanh Thiện	Student1130944
3.	Nguyễn Xuân Thực	Student1132567

Month 05 Year 2019



This is to certify
that

Mr. **Vu Phi Long**

Mr. **Tran Thanh Thien**

Mr. **Nguyen Xuan Thuc**

Have successfully Designed & Developed

iWatches

Submitted by:

LE THANH NHAN

Date of Issue: _____

Authorized Signature: _____

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Design Plan: iWatches	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 4 of 33

1. Problem Definition:

Nowadays, the beauty needs to each person are increasing day by day and watches are necessary for anyone. But they are very busy for working or studying and they don't have enough time to go to shop buy a new watch. Along with the strong development of the internet, we want to create a website called "iWatches" that they can choose and buy watch online. I think it is very useful for many people don't have so much time.

Identify The Problem:

- Providing information about watches for guests.
- Providing information about brands and manufactures related to watches.
- Receiving comments from customers to enhance service quality.
- Supporting administrators with the ability to update information quickly and accurately.
- Supporting administrators to manage members.

Customers:

- Can get information about watches, brands, manufactures ...
- Can sign up to join the membership.
- Can give feedbacks for administrators.

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	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Customer Requirements Specification	SWD/Form No.02/CRS/Ver1.0
Effective Date: 27-May-19	Version 1.0	Page No: 5 of 33

2. Customer Requirements Specification:

Guest:

Input:

- Data for signing up to join the membership.
- Information about the chosen watches.
- Getting feedbacks to administrators.

Process:

- Searching information about watches.
- Searching information about brands.
- Checking information about your members.
- Checking information about feedbacks.

Output:

- Notification about signing up success or fail.
- Information about watches are chose.
- Notification about getting feedbacks success or fail.
- Information about brands.
- Information about your account.

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Date		

Design Plan: iWatches	Document Name: Customer Requirements Specification	SWD/Form No.02/CRS/Ver1.0
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Admin:

Input:

- Information about signing of admin.
- Information about watches need to insert, delete or edit.
- Information about brands need to insert, delete or edit.
- Information about members need to delete.
- Replying feedbacks of members.

Process:

- Inserting/Deleting/editing watches.
- Inserting/Deleting/editing brands.
- Deleting members.
- Checking information about feedbacks.
- Deleting feedbacks.

Output:

- Notification about signing up success or fail.
- Notification about inserting/deleting/editing watches successfully or fail.
- Notification about inserting/deleting/editing brands successfully or fail.
- Notification about deleting members successfully or fail.
- Notification about replying feedbacks successfully or fail.
- Notification about deleting feedbacks successfully or fail.

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Date		

Design Plan: iWatches	Document Name: Customer Requirements Specification	SWD/Form No.02/CRS/Ver1.0
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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.

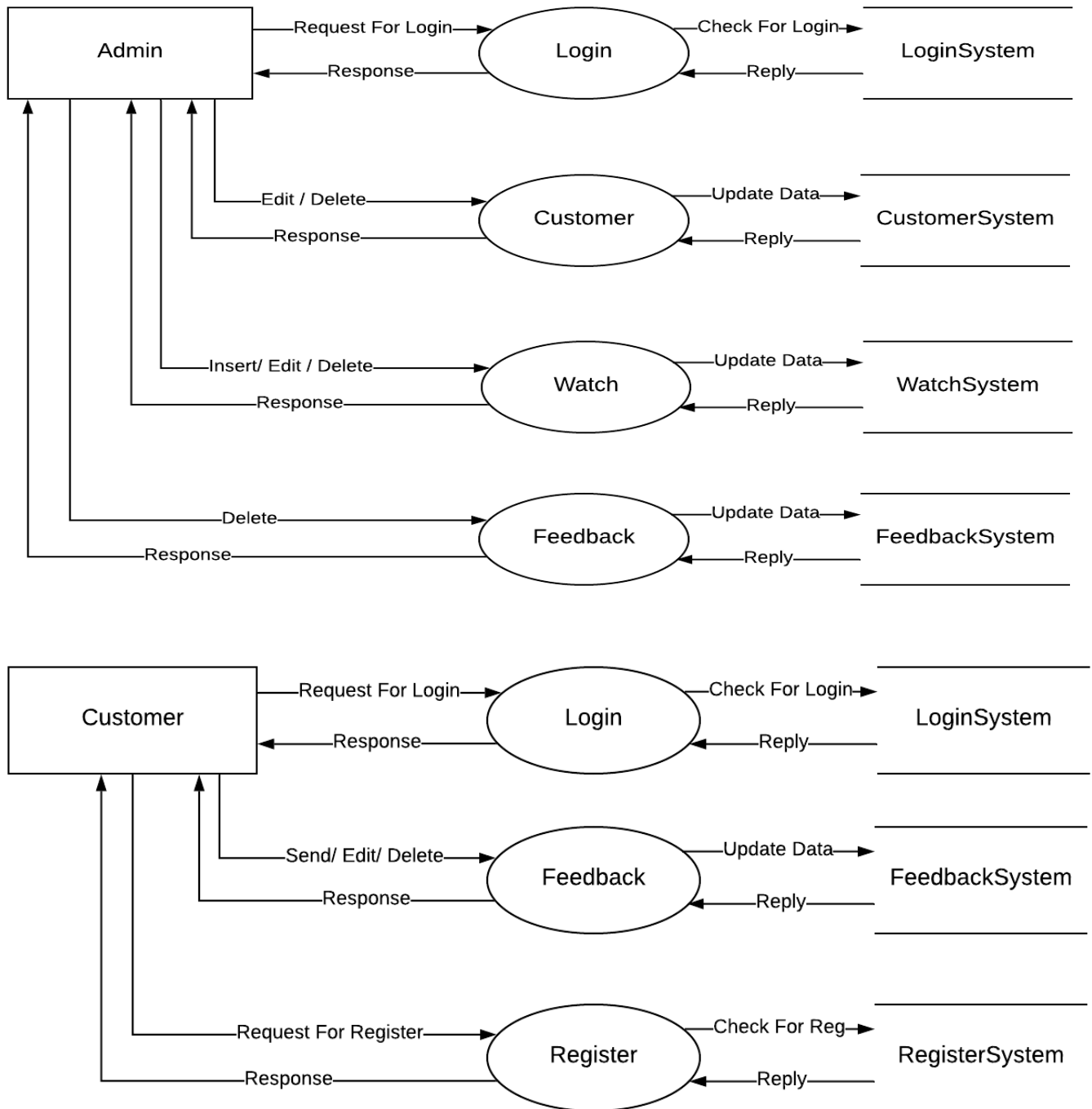
Software

- Windows 7 32 or 64-bit. Recommended at least Windows Server 2003.
- Windows Installer 4.5 or a later version.
- Wamp Server.
- Netbeans 6.9 or later.
- JDK 1.4 or later.

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Design Plan: iWatches	Document Name: Data Flow Diagram	SWD/Form No.03/DFD/Ver1.0
Effective Date: 27-May-19	Version 1.0	Page No: 8 of 33

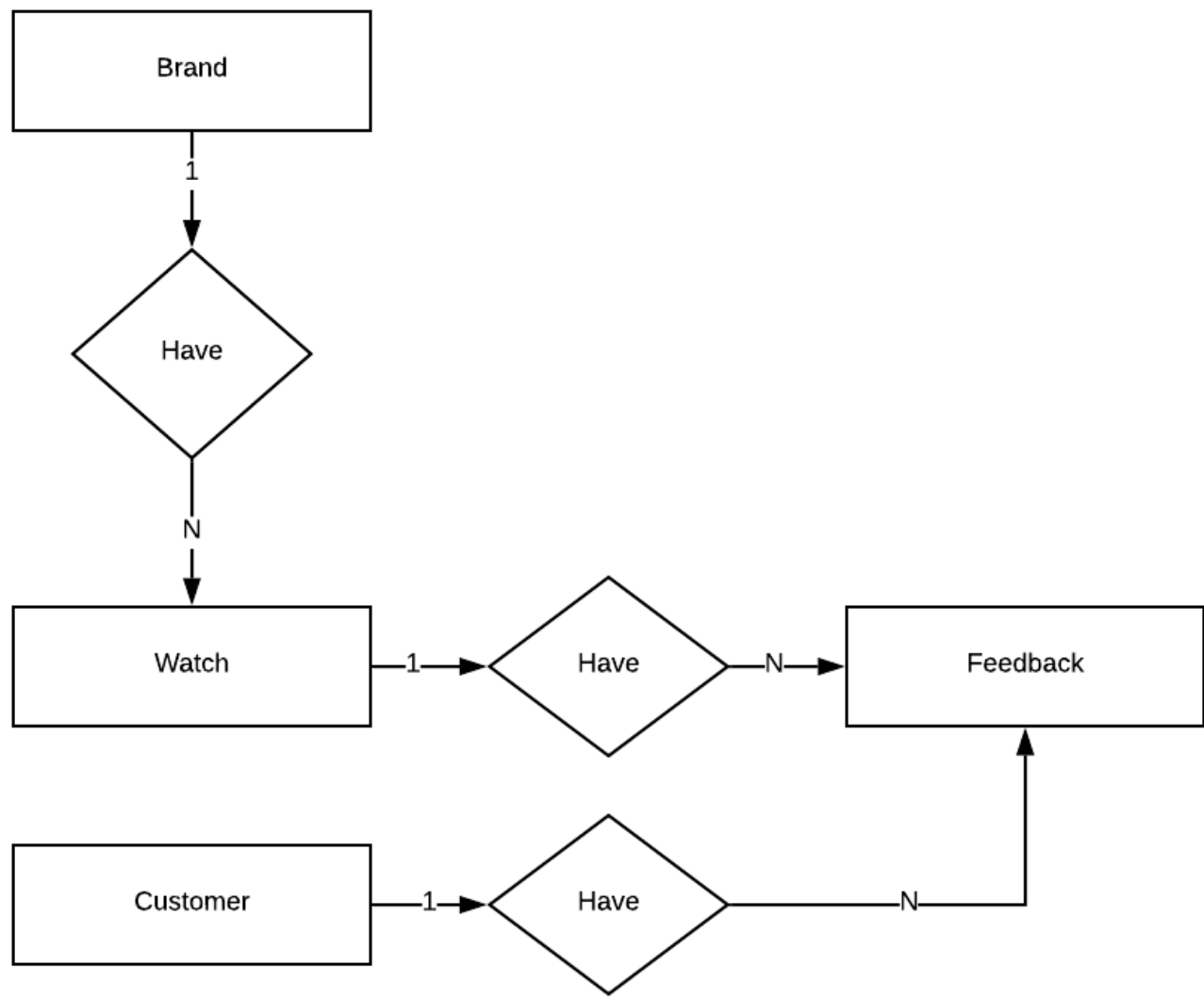
A. Data Flow Diagram:



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Signature		
Date		

Design Plan: iWatches	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 27-May-19	Version 1.0	Page No: 9 of 33

B. Entity Relationship Diagram:
+ ERD:

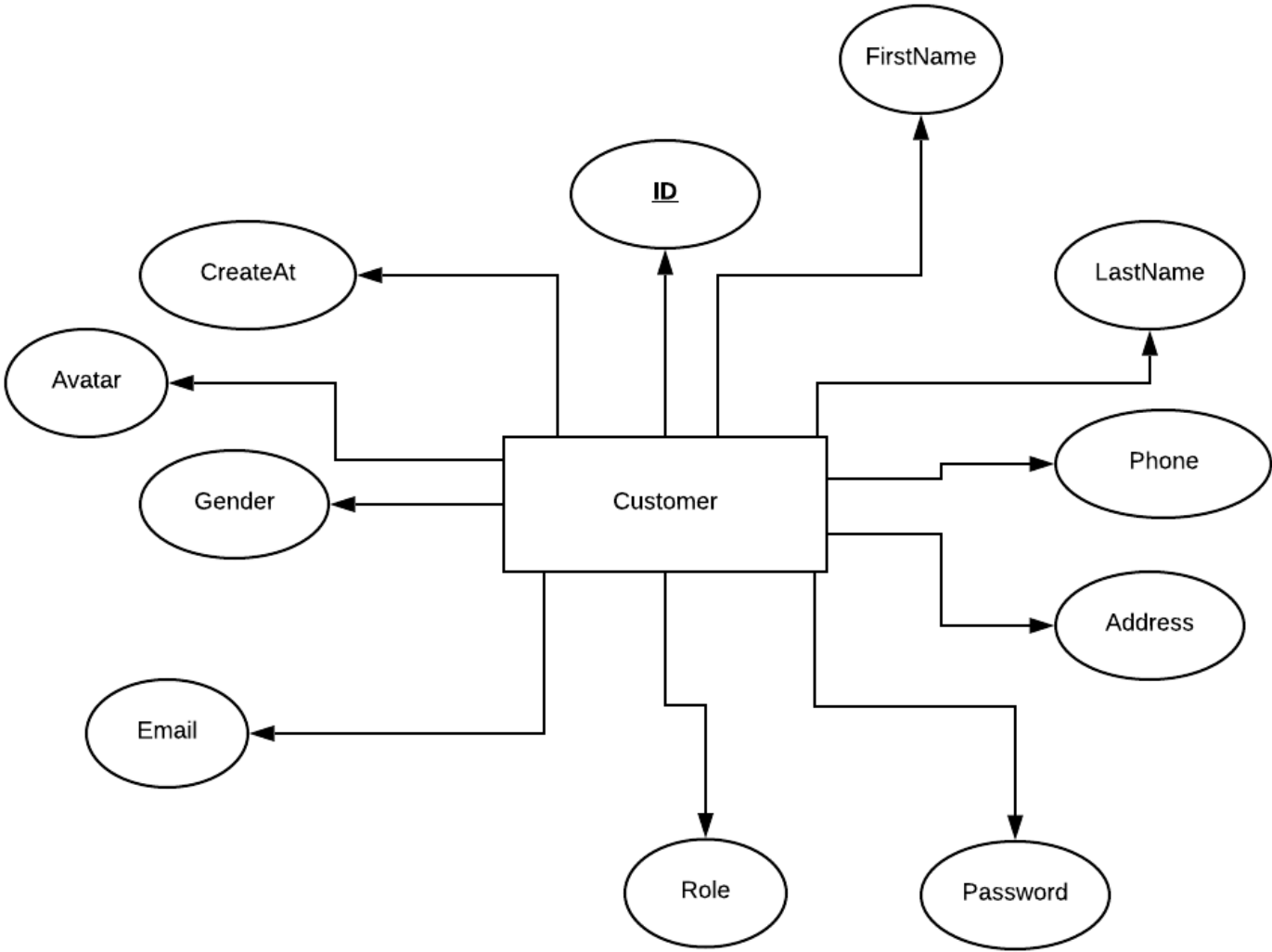


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Date		

Design Plan: iWatches	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
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+ Entity Properties:

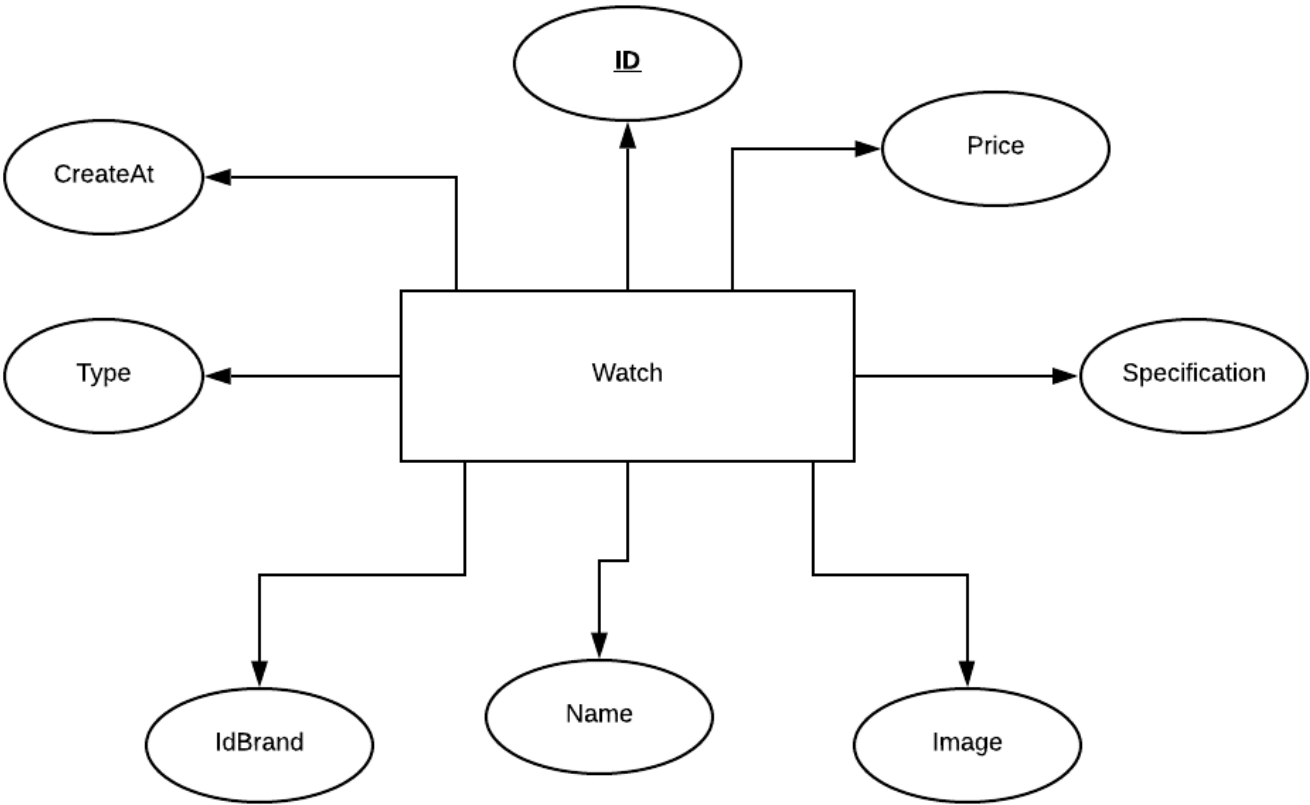
Customer:



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Signature		
Date		

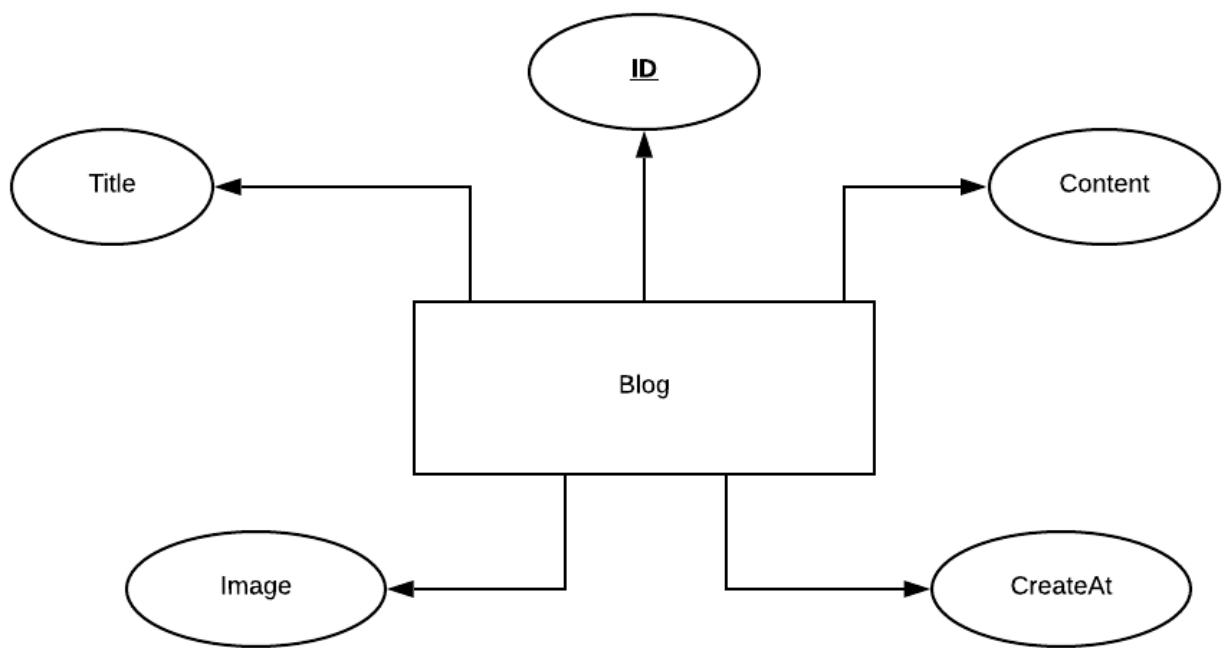
Design Plan: iWatches	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 27-May-19	Version 1.0	Page No: 11 of 33

Watch:

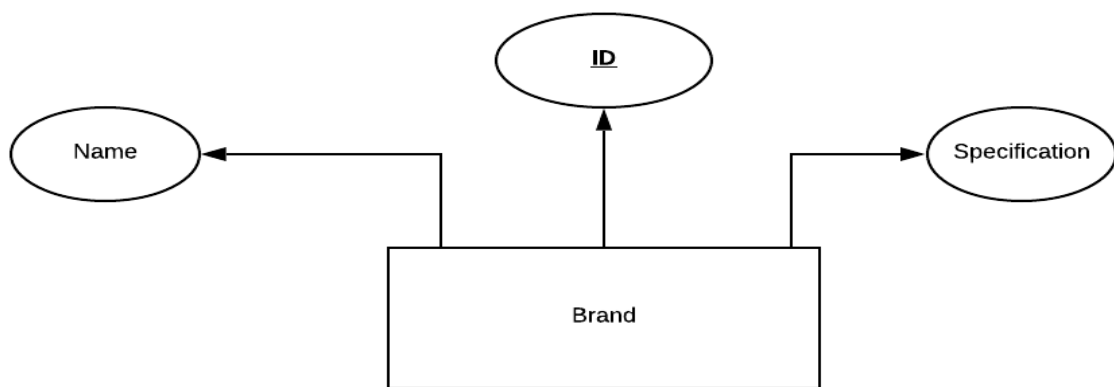


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Date		

Blog:

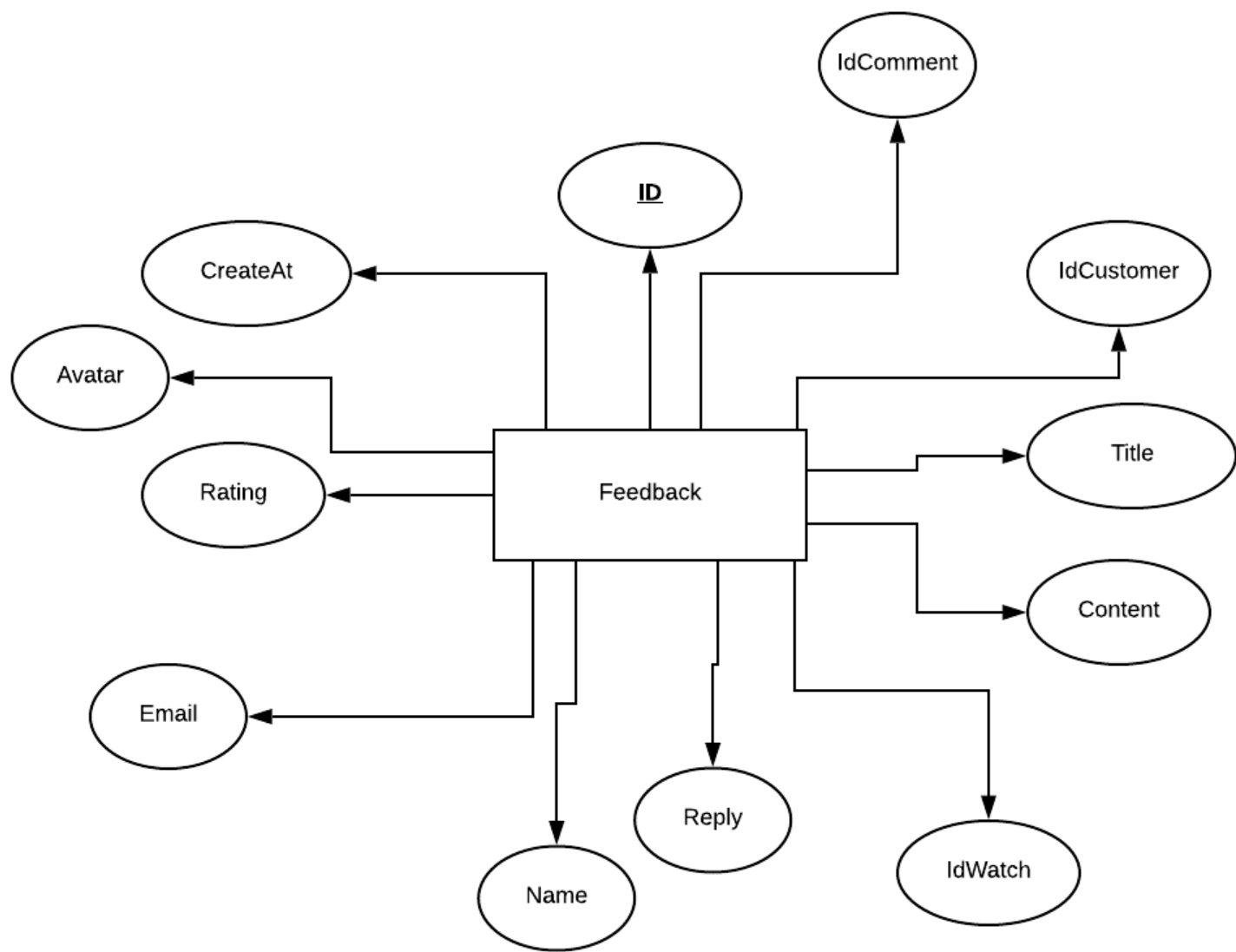


Brand:



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Signature		
Date		

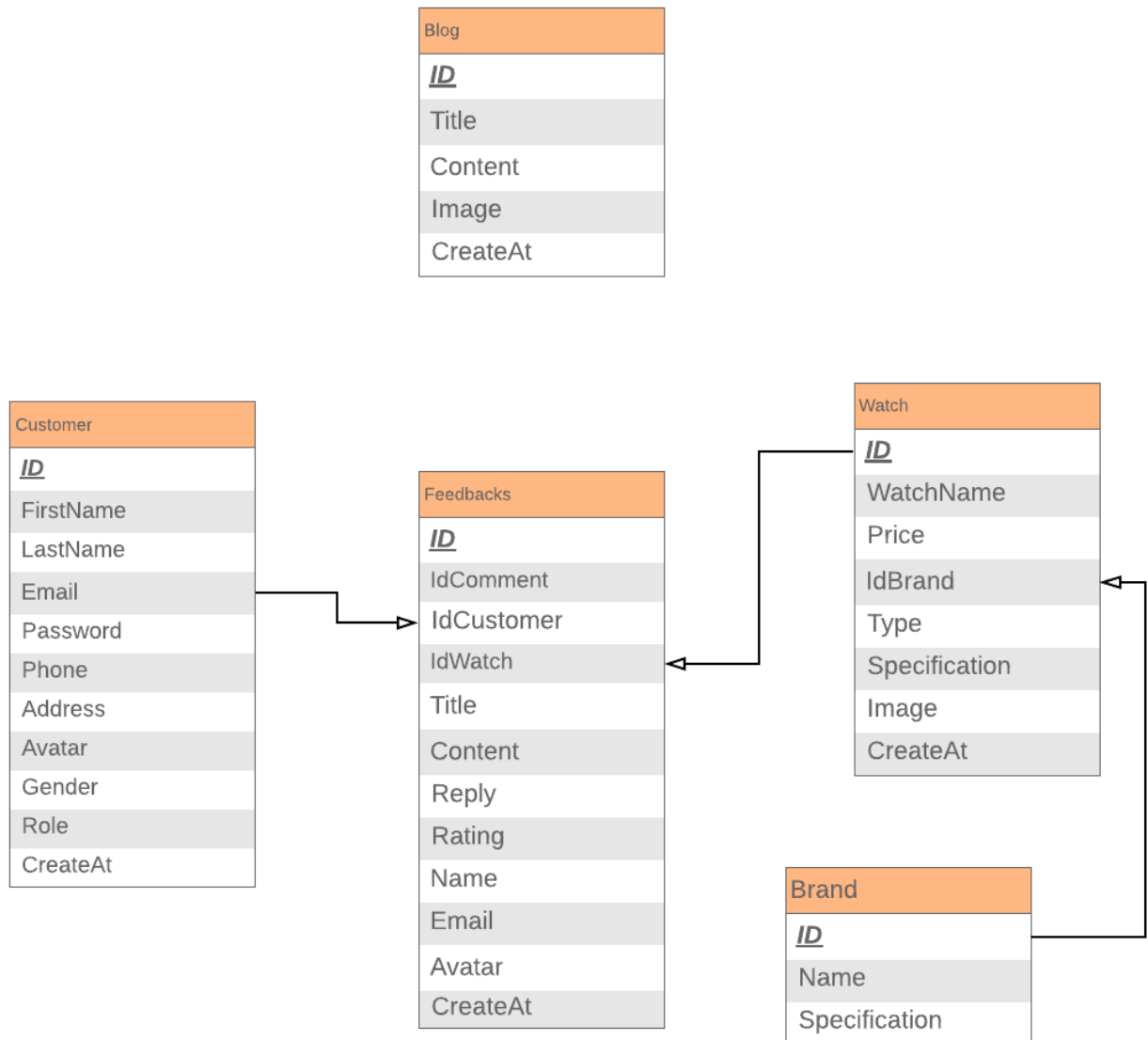
Feedback:



	Prepared by (Student) Project Group No: 02	Approved by (Faculty) LE THANH NHAN
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Date		

Design Plan: iWatches	Document Name: Table Design	SWD/Form No.05.1/TAB/Ver1.0
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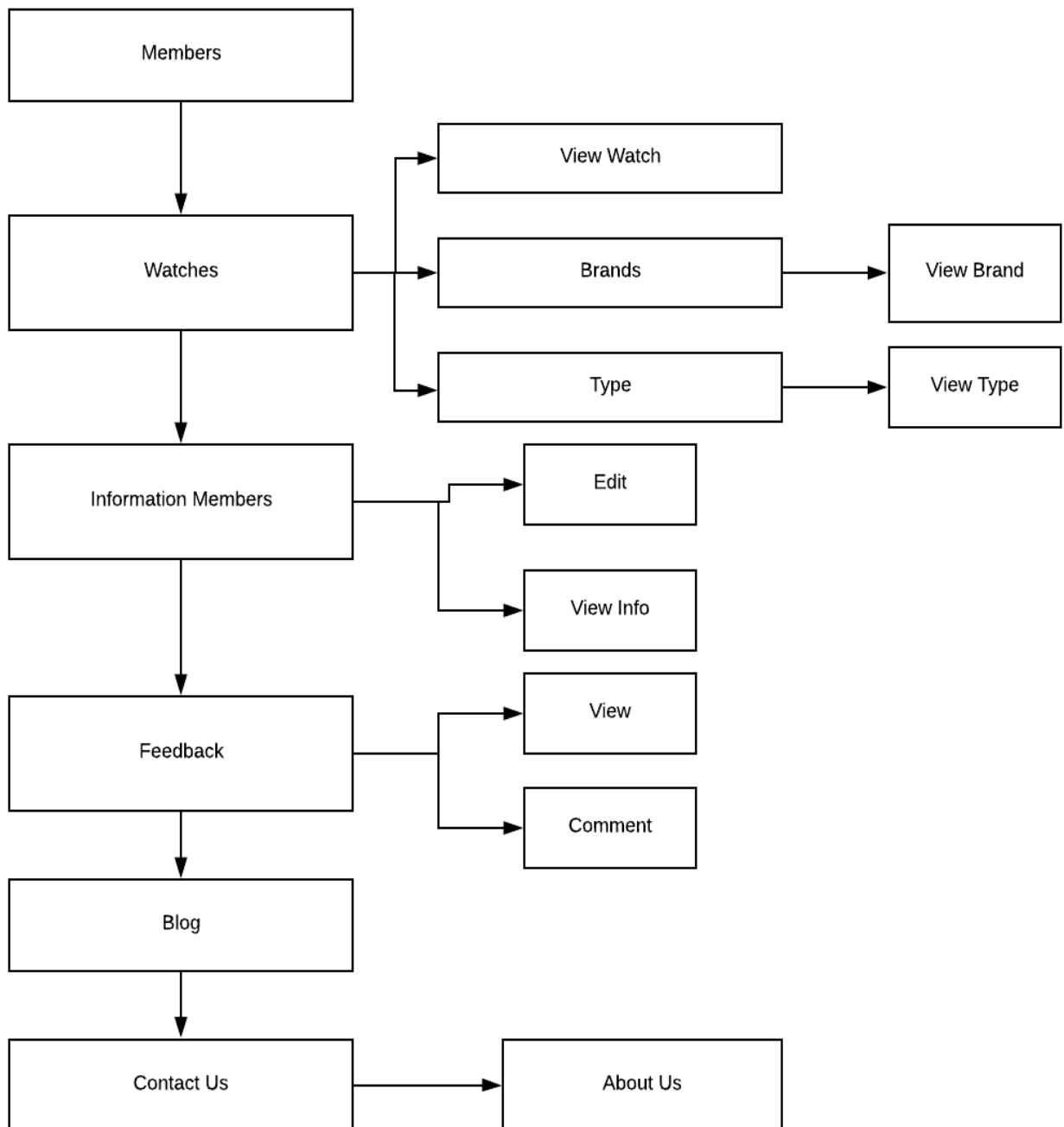
C. Table Design:



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Date		

Design Plan: iWatches	Document Name: Site Map	SWD/Form No.05.2/SM/Ver1.0
Effective Date: 27-May-19	Version 1.0	Page No: 15 of 33

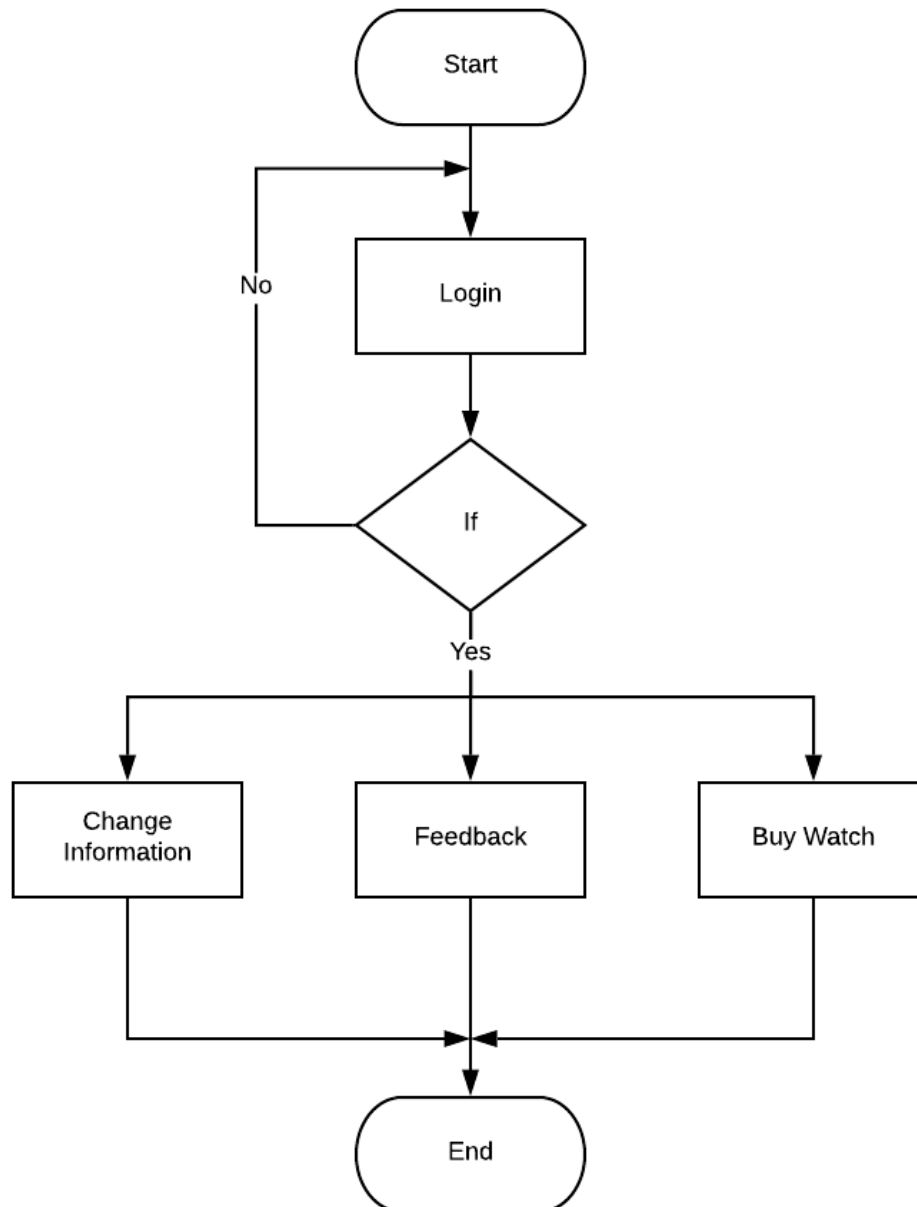
D. Site Map:



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Date		

Design Plan: iWatches	Document Name: Algorithm	SWD/Form No.06/ALG/Ver1.0
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E. Algorithm:

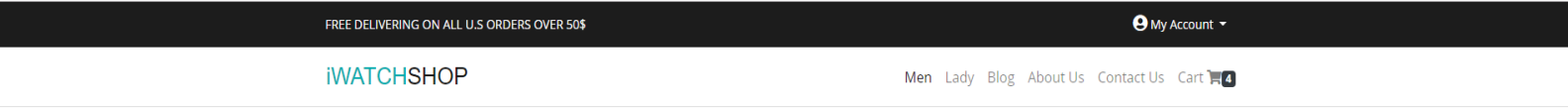


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Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 17 of 33

A. Sreen Shots:

I. Register Customer:



Describe : This page use to register new customer.

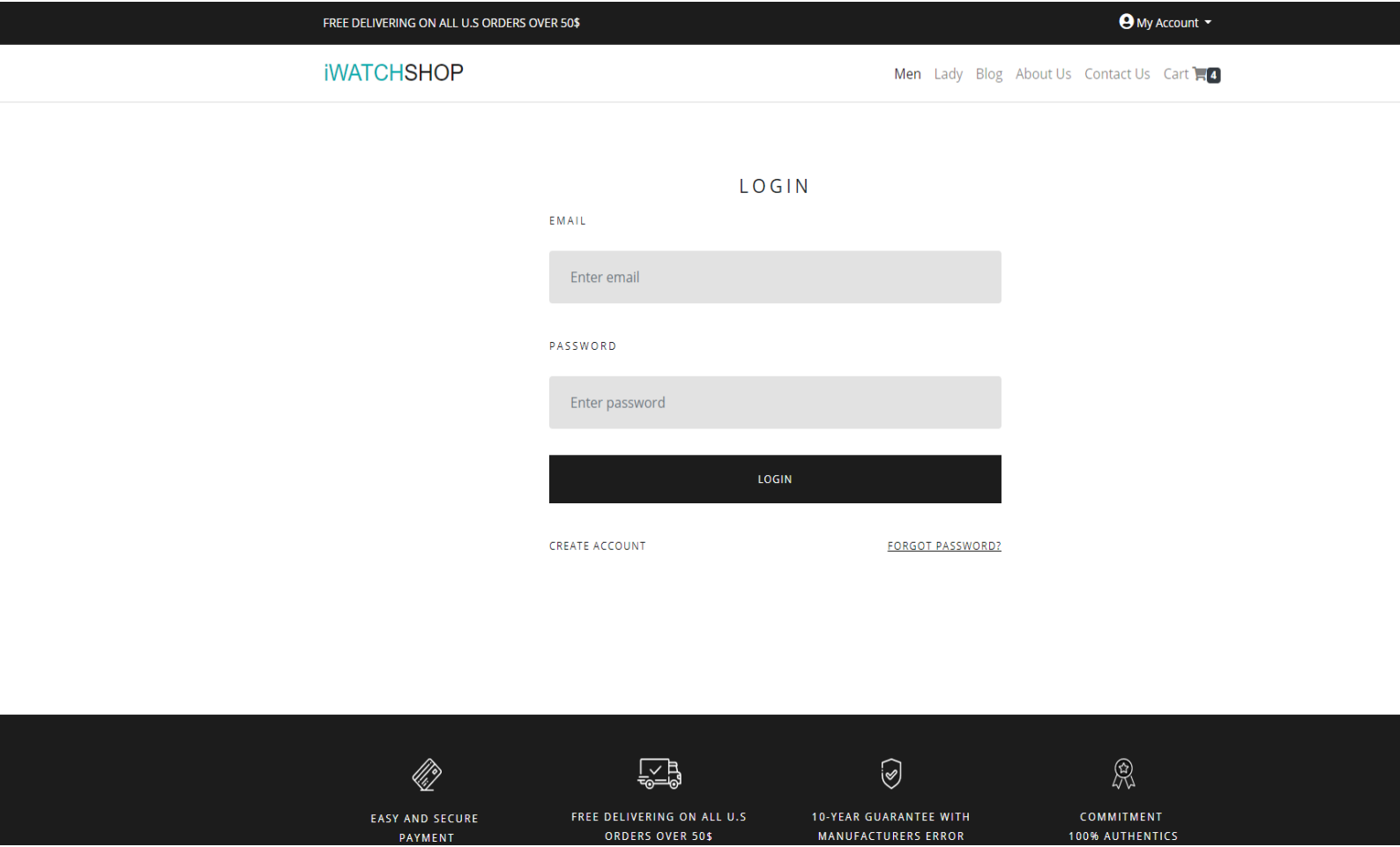
Open page from: Navbar or Login Page.

Next page to : Login Page.

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

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 18 of 33

II. Login Page:



Describe : This page use to login to account.

Open page from: Navbar or Register Page.


Next page to : Home Page.

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Signature		
Date		


Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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III. Update Account:

FREE DELIVERING ON ALL U.S ORDERS OVER 50\$

 Hello, Long ▾

iWATCHSHOP

Men Lady Blog About Us Contact Us Cart  4



Choose File

No file chosen

ACCOUNT INFORMATION

FIRST NAME *

Vu

LAST NAME *

Long

PHONE *

0938436247

ADDRESS *

750 Nguyen Kiem P.4 Q.PN

MALE ☒

FEMALE ☐

UPDATE

Describe : This page use to update information customer.

Open page from: Navbar.

Next page to : Account Page.

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Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 20 of 33

IV. View – Delete Customer:

ADMIN

Dashboard

MANAGEMENT

Customers

Watches

Search for...

Customers - Management

Search...

First Name	Last Name	Email	Phone	Address	Gender	Create At	Action
Nguyen	Thuc	nguyenxuanthuc2012@gmail.com	0123456789	514 3/2 q10	Male	2019-06-01	Edit Delete
Nguyen	Thucancuc	nguyenxuanthuc2013@gmail.com	1234567890	213cmtt.q10	Male	2019-06-01	Edit Delete
Nguyen	Bao123	HoangBao@email.com.vn	0123456789	hksadblasfnlk	Male	2019-06-01	Edit Delete
Tran	Thanh	Thientanh@gmail.com	1234567890	514 3/2 q10	Male	2019-06-01	Edit Delete
DO	Duy	khanhduy123@gmail.com	0123456789	514 3/2 q10	Male	2019-06-01	Edit Delete
Le	Nghi	Nghimap100kg@gmail.com				2019-06-01	Edit Delete
Che	Huy	Huybienthai@gmail.com	0123456789	514 3/2 q10	Male	2019-06-01	Edit Delete
nguyen	Khanh	baokhanh@gmail.com	a1a1a1a1a1	514 3/2 q10mnasbdkssdbksdbfadjasdnksjandkjasf	Male	2019-06-01	Edit Delete
Nguyen	Khang	Khang123456@gmail	012345678a	514 3/2 q10	Female	2019-06-01	Edit Delete

1 2 3 Next

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Describe : This page use to view and delete customer.

Open page from: Navbar.

Next page to : Customers Page.

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

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 21 of 33

V. Edit Customer:

Edit Customer

Customer Edit Form

[Back to View Customers](#)

FIRST NAME *

Nguyen

LAST NAME *

Thuc

EMAIL *

nguyensexuanthuc2012@gmail.com

PHONE *

0123456789

ADDRESS *

514 3/2 q10

MALE ☒ FEMALE ☐

UPDATE

Describe : This page use to edit customer.

Open page from: Customer Page.

Next page to : Customer Page.









	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 22 of 33

VI. View - Delete Watch:

vwatches - Management

Search...

Name	Diameter	Price	Brand	For	Image	Create At	Action	
HELMUT	40MM	\$122	WEIMAR	Men		2019-06-03	Edit	Delete
SERENE	32MM	\$130	MELISSANI	Lady		2019-06-03	Edit	Delete
HUNK	40MM	\$130	KASHMIR	Men		2019-06-03	Edit	Delete
MORTAR	42MM	\$137	COLOSSEUM	Men		2019-06-03	Edit	Delete
MACE	42MM	\$149	COLOSSEUM	Men		2019-06-03	Edit	Delete
HAZE	32MM	\$110	MELISSANI	Lady		2019-06-03	Edit	Delete
KISS	28MM	\$119	MORAINE	Lady		2019-06-03	Edit	Delete
CHARM	28MM	\$109	MORAINE	Lady		2019-06-03	Edit	Delete

Describe : This page use to view - delete watch.

Open page from: Navbar.

Next page to : Watch Page.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 23 of 33

VII. Edit Watch:

Customers

Watches

WATCH NAME

MORTAR

DIAMETER

42

PRICE

129

BRAND

KASHMIR

CASE THICKNESS

8

MATERIAL

Stainless Steel 316L

STRAP

Genuine

STRAP WIDTH

20

MOVEMENT

Miyota Quartz


GLASS FACE

Sapphire

WATER RESISTANT

3ATM

IMAGE



Choose Files No file chosen

FOR MEN

FOR LADY

Describe : This page use to edit watch.

Open page from: Watch Page.

Next page to : Watch Page.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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VIII. Add Watch:

MANAGEMENT

- Customers
- Watches

Watch Add Form

WATCH NAME *

DIAMETER *

PRICE *

BRAND

KASHMIR

CASE THICKNESS *

MATERIAL *

STRAP *

STRAP WIDTH *

MOVEMENT *

GLASS FACE *

WATER RESISTANT *

IMAGE *

Choose FilesNo file chosen

FOR MEN ☐

FOR LADY ☐

ADD

Describe : This page use to add watch.

Open page from: Navbar.

Next page to : Watch Page.

	Prepared by (Student) Project Group No: 02	Approved by (Faculty) LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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IX. Write Feedback:

Write Review

Name

Enter You Name

Email

Enter You Email

Rating

☆ ☆ ☆ ☆ ☆

Review Title

Give your a review title

Body of Review (1500) characters remaining

Write your comments here

SEND REVIEW

Describe : This page use to write review.

Open page from: Product Page.

Next page to : Product Page.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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X. Show – Reply Review:

CUSTOMER REVIEWS

★★★★★ Based on 21 reviews

WRITE A REVIEW

 Nguyen Xuan Thuc

★★★★★

Co Mot chut gop y

San pham rat la tuyet voi

[Reply](#) - 30/04/2019

 Tran Thanh Thien

Cam on ban da gop y

[Reply](#) - 30/04/2019

Describe : This page use to view and reply review of customer.

Open page from: Product Page.

Next page to : Product Page.

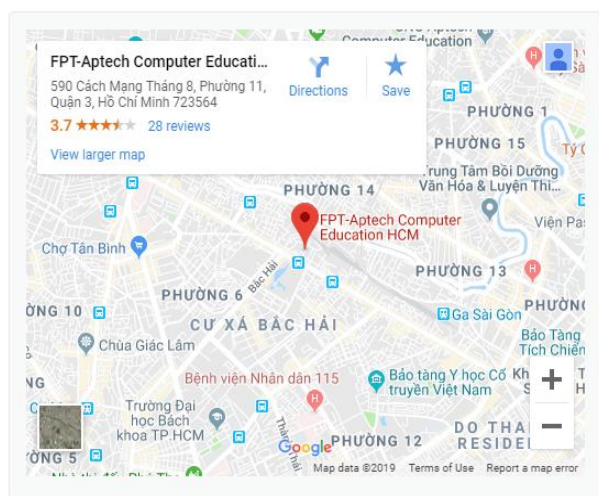
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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XI. Contact Us:



CONTACT US



Describe : Customer can contact to us.

Open page from: Navbar.

Next page to : Contact Page.

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	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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XII. View - Edit - Delete Feedback:

ADMIN

Dashboard

MANAGEMENT

Customers

Watches

Brands

Feedbacks

Search for...

347

Long

Feedbacks - Management

Search...

Name Customer	Name Watch	Title	Content	Rating	Create At	Action
Che Gia Huy	MORTARMM	Test Chức năng ajax	dasdas das dasdas dasdsa	4	15-06-2019	<div><div></div><div></div></div>
Che Gia Huy	MORTARMM	Test Chức năng ajax	dasd sad asd asd as dasd as	5	15-06-2019	<div><div></div><div></div></div>
HELMUT	MORTARMM	Test Chức năng	asd asdd asd asdas das	4	15-06-2019	<div><div></div><div></div></div>
Long Vu	MORTARMM	Test Chức năng ajax	asd asdas dlong ahsdk hajksdh akjsdhasdkjd	5	15-06-2019	<div><div></div><div></div></div>
Che Gia Huy	MORTARMM	Test Chức năng ajax	dadsasdasd adasd áđ	5	15-06-2019	<div><div></div><div></div></div>
Che Gia Huy	MORTARMM	Test Chức năng	sxasdsa sd asd asd asdasdasd asd áđ	5	15-06-2019	<div><div></div><div></div></div>

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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XIII. Add Brand:

Add Brand

Brand Add Form

Back to view brands

BRAND NAME *

INTRO *

BACKGROUND *

Choose File

No file chosen

ADD













	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Screen Shots	SWD/Form No.07/SS/Ver1.0.
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XIV. View – Edit – Delete Brand:

Brands - Management

Search...

Brand Name	Introduce	Background	Action	
HAMILTON	Là hòn đảo thơ mộng ở nước Úc xa xôi, Hamilton đại diện cho sự vui vẻ, đầy năng lượng và tinh thần mùa Hè của người phụ nữ. Hơn thế nữa, đây chính là dòng sản phẩm đầu tiên dành cho nữ có mặt kính vòm giúp bạn thêm phần cuốn hút và thanh lịch			
MORAINE	Hồ thiên đường hay còn được mệnh danh là Viên ngọc của Canada, Moraine là dòng đồng hồ 28mm đầu tiên của Curnon với thiết kế tinh tế và tối giản theo triết lí "Less is More". Các tông màu trung tính hay vàng hồng sang trọng luôn phù hợp để bạn tỏa sáng trong mọi dịp.			
MELISSANI	Lấy cảm hứng từ vẻ đẹp thiên nhiên hoang sơ được ví như "nàng tiên bước ra từ thần thoại", Melissani mang đầy đủ những nét đẹp của chiếc đồng hồ đáng mơ ước cho phái nữ: cá tính, quyến rũ và đầy bí ẩn. Đường kính 32mm, dễ dàng kết hợp cùng dây da và dây kim loại, phù hợp với mọi phong cách thời trang bạn yêu thích.			
COLOSSEUM	Lấy cảm hứng từ Đấu trường La Mã lịch sử, Colosseum ra đời đại diện cho sự mãnh mẽ, phiêu lưu và lòng quyết tâm chinh phục mọi khao khát của một người đàn ông trưởng thành. Thiết kế mặt 42mm hiện đại, vững chắc cùng 2 sub-dial độc đáo sẽ khiến bạn trở nên nổi bật và cá tính hơn bao giờ hết.			

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Testing Document	SWD/Form No.08/TED/Ver1.0.
Effective Date: 27-May-19	Version 1.0	Page No: 31 of 33

B. TESTING DOCUMENT:

S.No.	FORM	VALIDATE
1.	Register	First name, Last Name: Must be more than 2 letters. Email: Check that the address entered contains something, then an @ symbol and email can not exist. Password: Must be more than 8 letters. Re-Password: Must be matched password.
2.	Login	Check account if exists in the database.
3.	Add Watch	Diameter, Price, case thickness, strap width: digit only and not null. Name: Not null.
4.	Edit Laptop	Diameter, Price, case thickness, strap width: digit only and not null. Name: Not null.
5.	Contact	All field not null.
6.	Feedback	All field not null. Email: Check that the address entered contains something, then an @ symbol and email can not exist.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Final Check List	SWD/Form No.09/FCL/Ver1.0.
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C. FINAL CHECK LIST:

	Aspect tested	Suggestions/ Remarks
1.	Have all the modules been properly integrated and are they completely functional?	Good
2.	Does each unit meet its objective and purpose? Are all the validations happening as specified in Process Design?	Good
3.	Have all Design and Coding standards been followed and implemented?	Good
4.	Is the GUI design consistent all over?	Good
5.	Are the codes working as per the specification?	Good
6.	Does the application's functionality resolve the client problem, and satisfy his needs completely?	Good
7.	Have the hardware and software been correctly chosen?	Good
8.	Additional features and utilities that give value addition to the entire project?	Good

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		

Design Plan: iWatches	Document Name: Task Sheet	SWD/Form No.10/TS/Ver1.0.
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D. Task Sheet:

C	Member	Contents	Form Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	Chế Gia Huy	Customer	Register-form Login-form Edit-Customer Delete-Customer Update-Info Search-Customer	28-May-19	28-May-19	5	OK
2		Blog	Insert-blog Delete-blog Edit-blog	1-Jun-19	1-Jun-19	1	OK
1	Trần Thanh Thiện	Watches	Insert-watch Edit-watch Delete-watch Update-Info Search-watch	28-May-19	28-May-19	5	OK
2		Brands	Insert-brands Edit-brands Delete-brands	1-Jun-19	1-Jun-19	5	OK
1	Nguyễn Xuân Thực	Feedback	Send-feedback Edit-feedback Delete-feedback Update-feedback Reply	28-May-19	28-May-19	5	OK
2		Contact	Send-Contact Delete-Contact	1-Jun-19	1-Jun-19	5	OK

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	LE THANH NHAN
Signature		
Date		