UNIVERSITY of GREENWICH
Alliance with FPT Education

BTEC

WEBSITE DESIGN & DEVOLOPMENT

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GDD18606

ASSIGNMENT 2

Qualification	**BTEC Level 5 HND Diploma in Computing**		
Unit number and title	10: Website Design & Development		
Submission date		**Date Received 1st submission**	
Re-submission Date		**Date Received 2nd submission**	
Student Name	Trinh Thi Dieu Huyen	**Student ID**	GDD18606
Class	GCD0826	**Assessor name**	Srikanth Raju Kandukuri
Student declaration I certify that the assignment submission is entirely my own work and I fully understand the consequences of plagiarism. I understand that making a false declaration is a form of malpractice.			
		Student's signature	

Grading grid

P5	P6	P7	M4	M5	D2	D3

☼ Summative Feedback:	☼ Resubmission Feedback:	
Grade:	**Assessor Signature:**	**Date:**

Signature & Date:

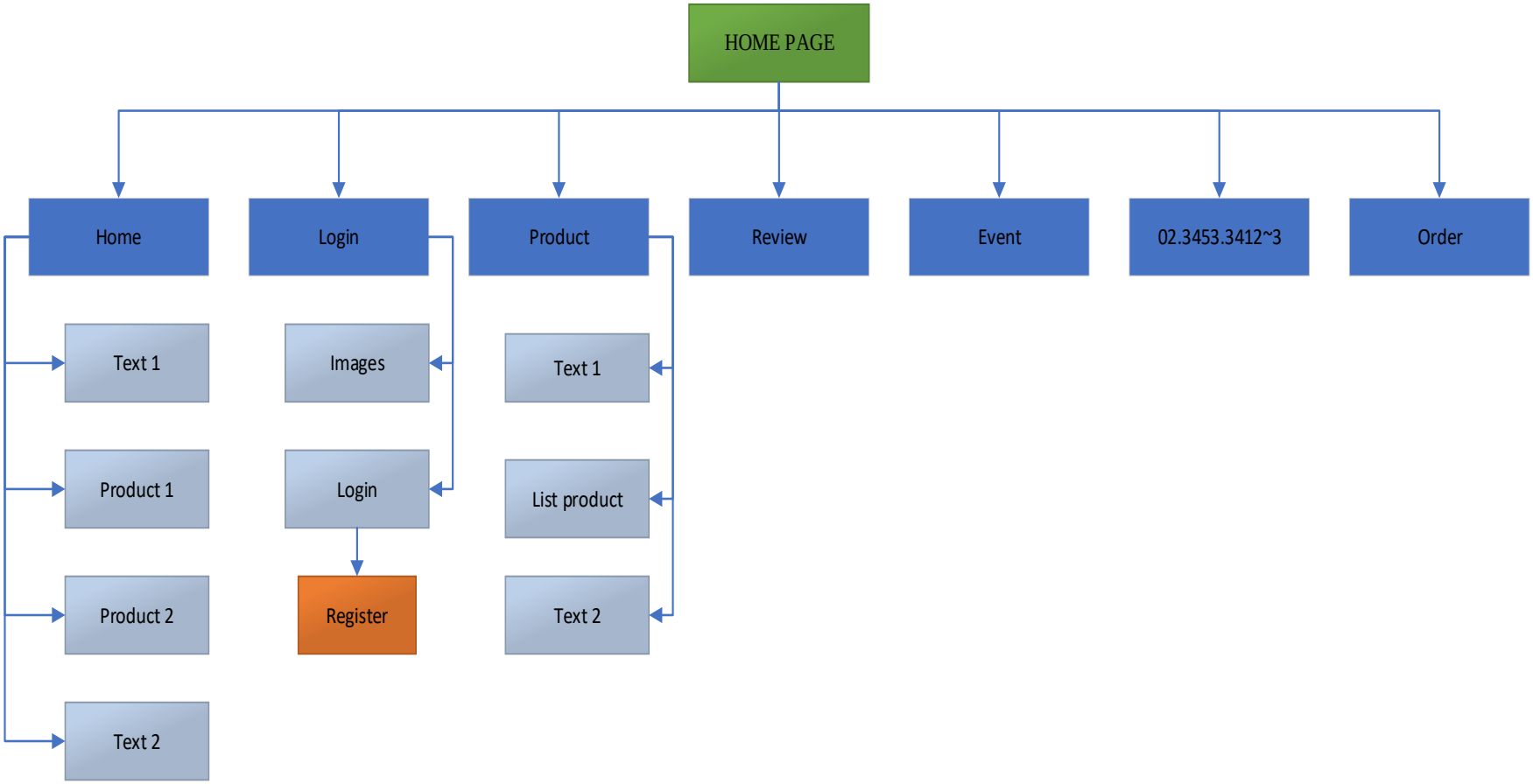
Table of content

A. Utilise website technologies, tools and techniques with good design principles to create a multipage website.....7
   I. Create a design document for a branded, multipage website supported with medium fidelity wireframes and a full set of client and user requirements.....7
      1. Home design.....8
      2. Login design.....9
      3. Product design.....11
   II. Use your design document with appropriate principles, standards and guidelines to produce a branded, multipage website supported with realistic content.....12
      1. Main home.....12
      2. Login.....15
      3. Product.....17
   III. Compare and contrast the multipage website created to the design document.....22
      1. How many times did you change your design document details when you actually started designing the website?.....22
      2. Was your design document clear & did it produce expected results during actual coding?.....22
      3. What are the key things to consider in design document when actual website was created?.....22
      4. List down the advantages and disadvantages over the design document and actual website created.....22
      5. Goal and Subjects.....22
   IV. Critically evaluate the design and development process against your design document and analyse any technical challenges.....23
B. Create and use a Test Plan to review the performance and design of a multipage website.....23
   I. Create a suitable Test Plan identifying key performance areas and use it to review the functionality and performance of your website. User Experience (UX) and User Interface (UI).....23
   II. Evaluate the Quality Assurance (QA) process and review how it was implemented during your design and development stages.....23

III. Critically evaluate the results of your Test Plan and include a review of the overall success of your multipage website, use this evaluation to explain any areas of success and provide justified recommendations for areas that require improvement.....24
C. Reference.....24

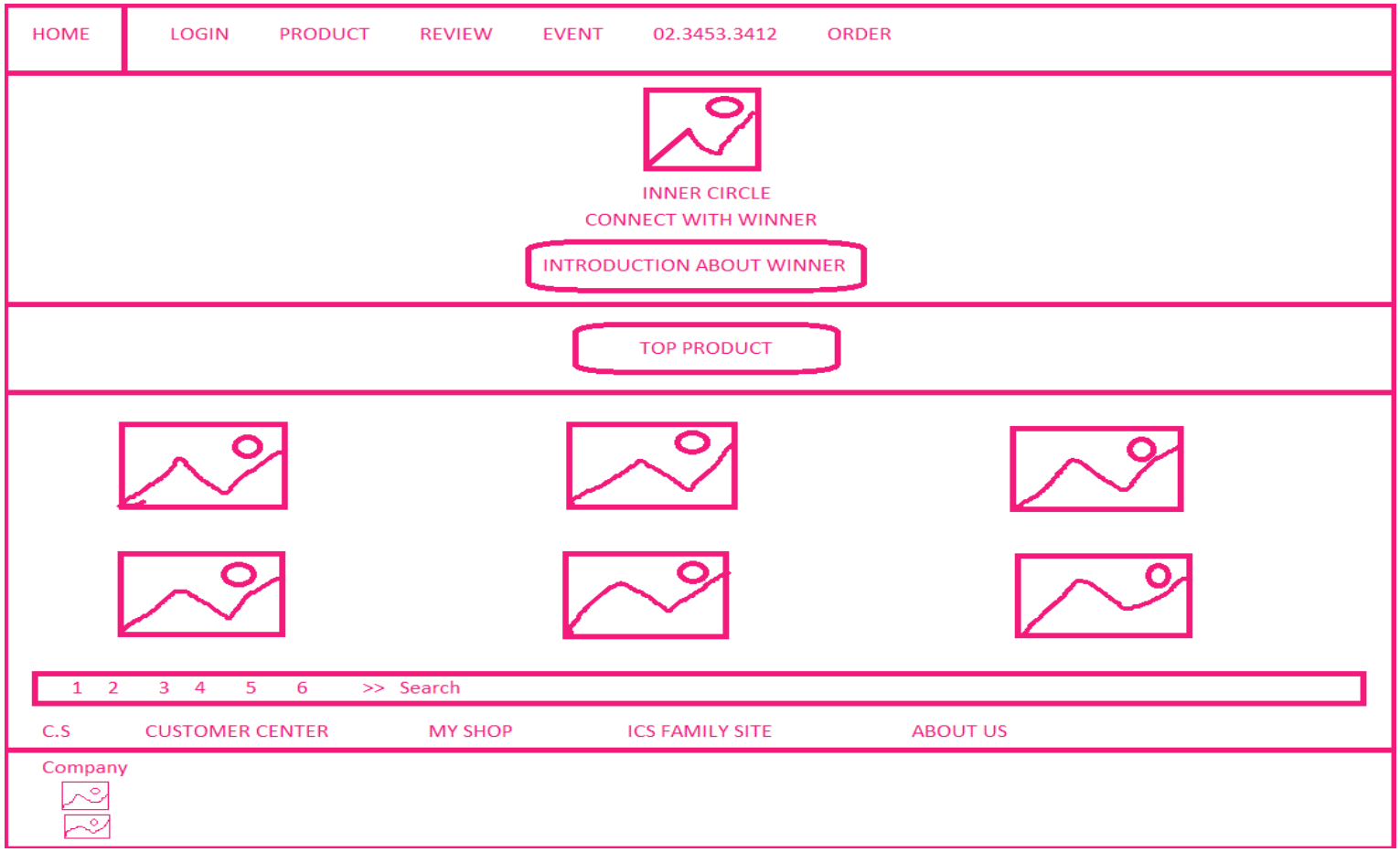
A. Utilise website technologies, tools and techniques with good design principles to create a multipage website.

I. Create a design document for a branded, multipage website supported with medium fidelity wireframes and a full set of client and user requirements.



Sitemap.

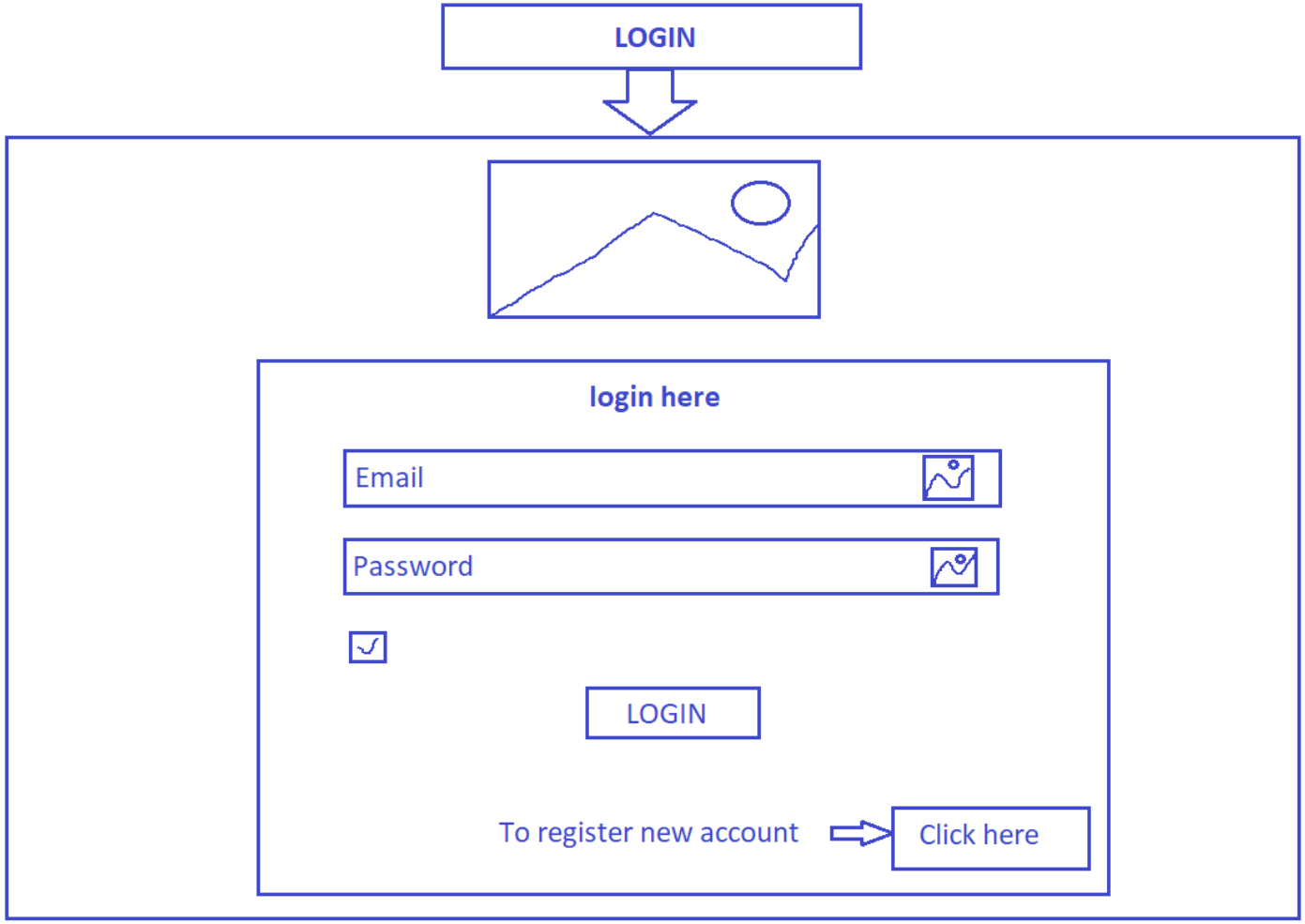
1. **Home design.**



Wirefarmes of main home.

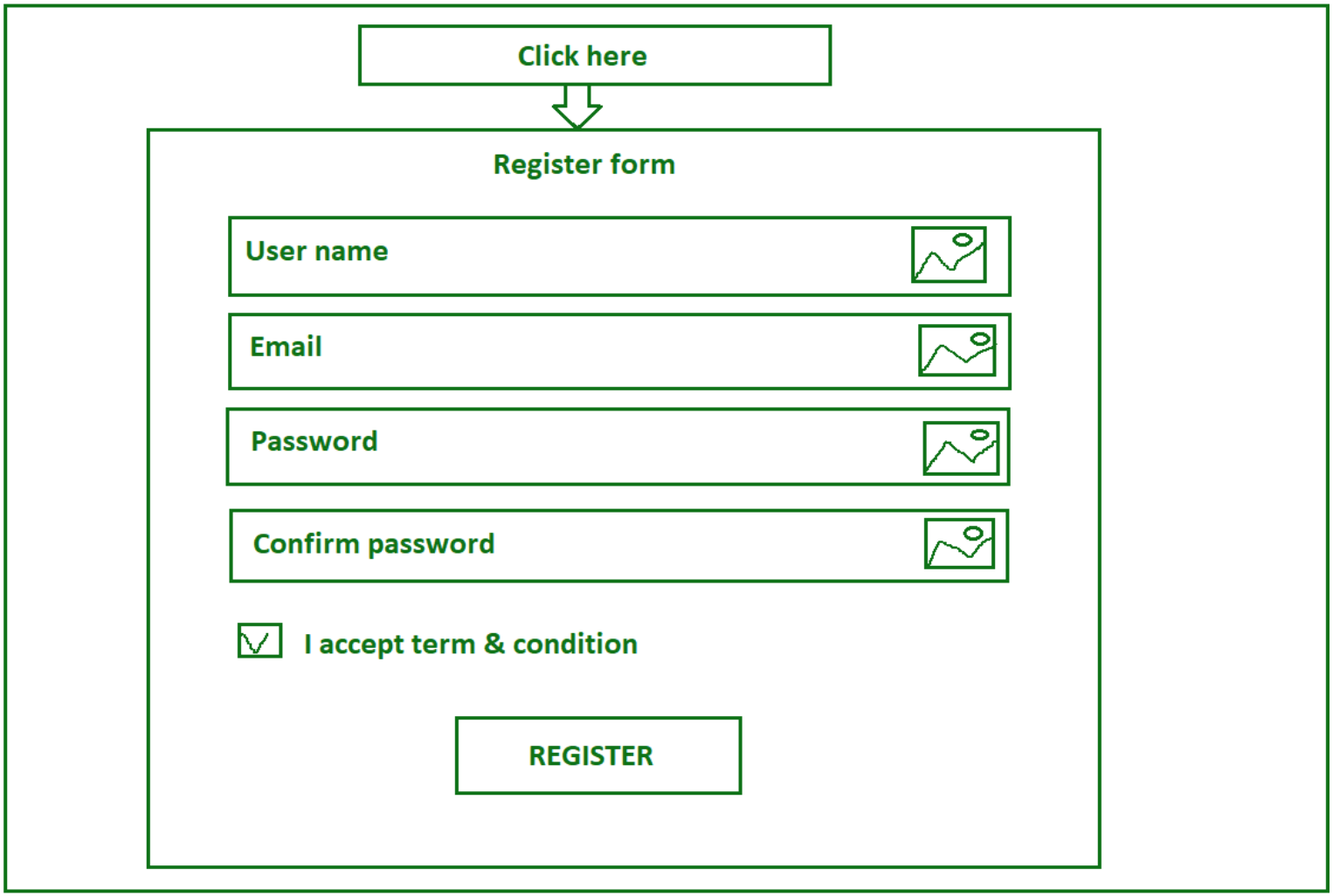
2. Login design.

a. Login.



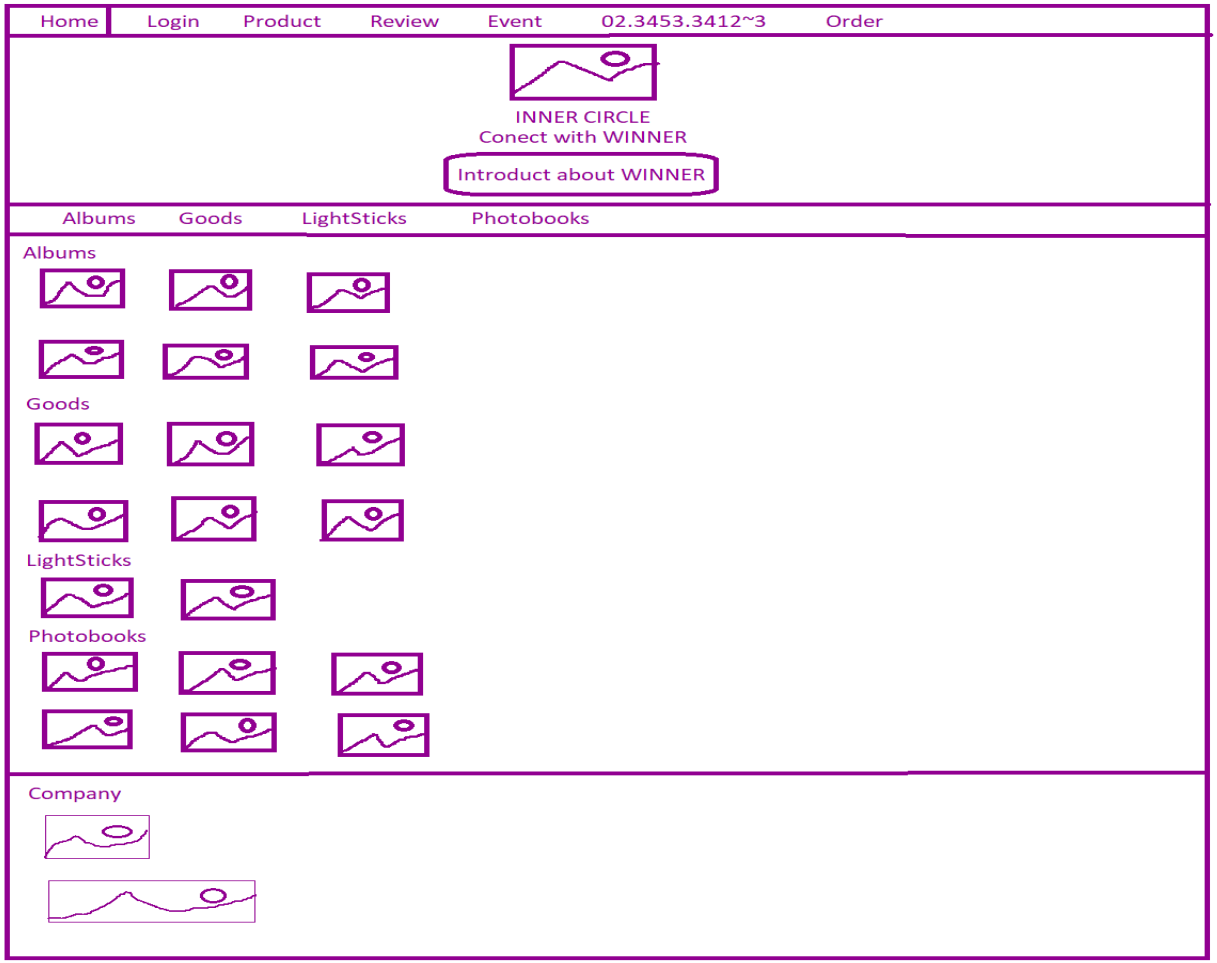
Wirefarmes of login.

b. Click here (Register).



Wirefarmes of click here.

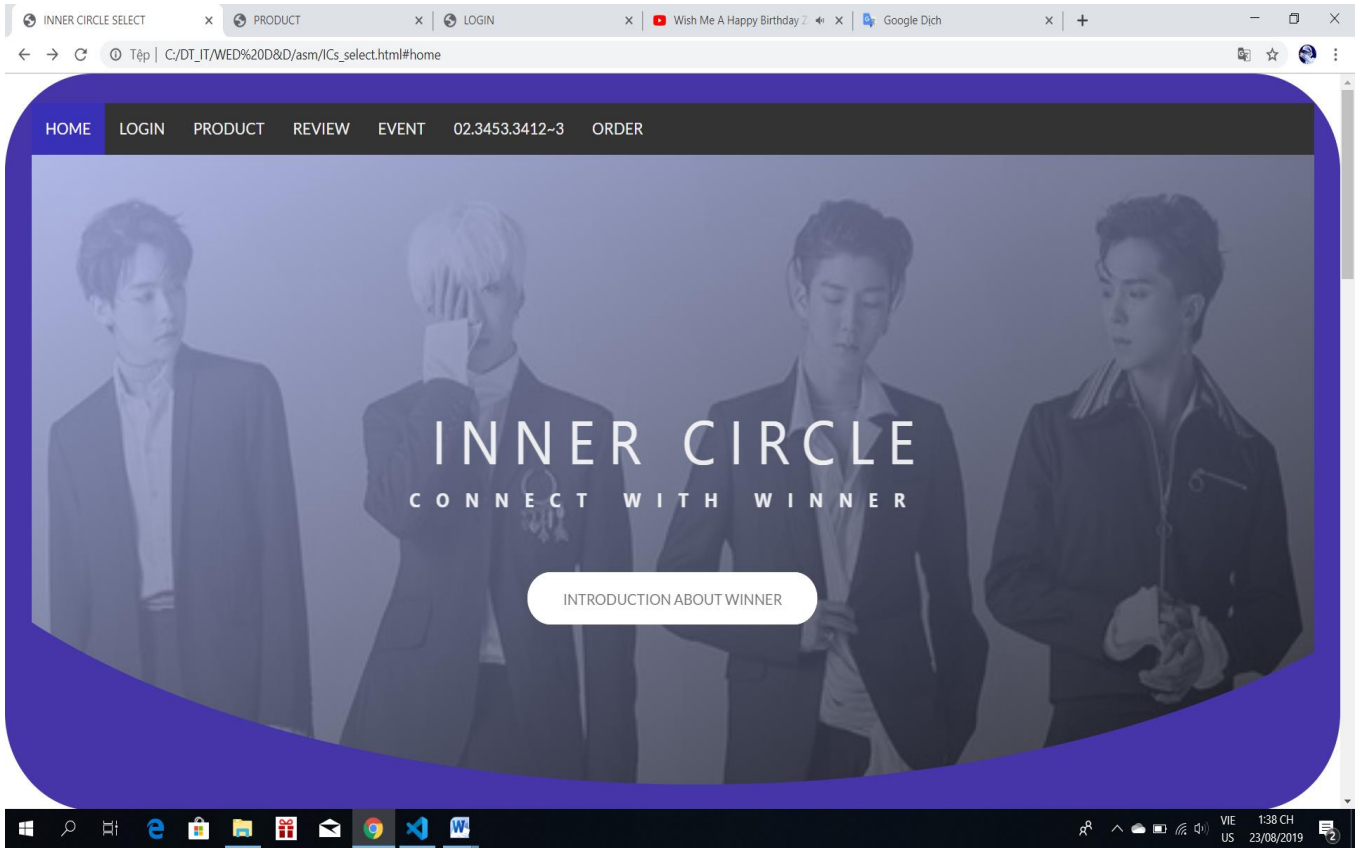
3. Product design.



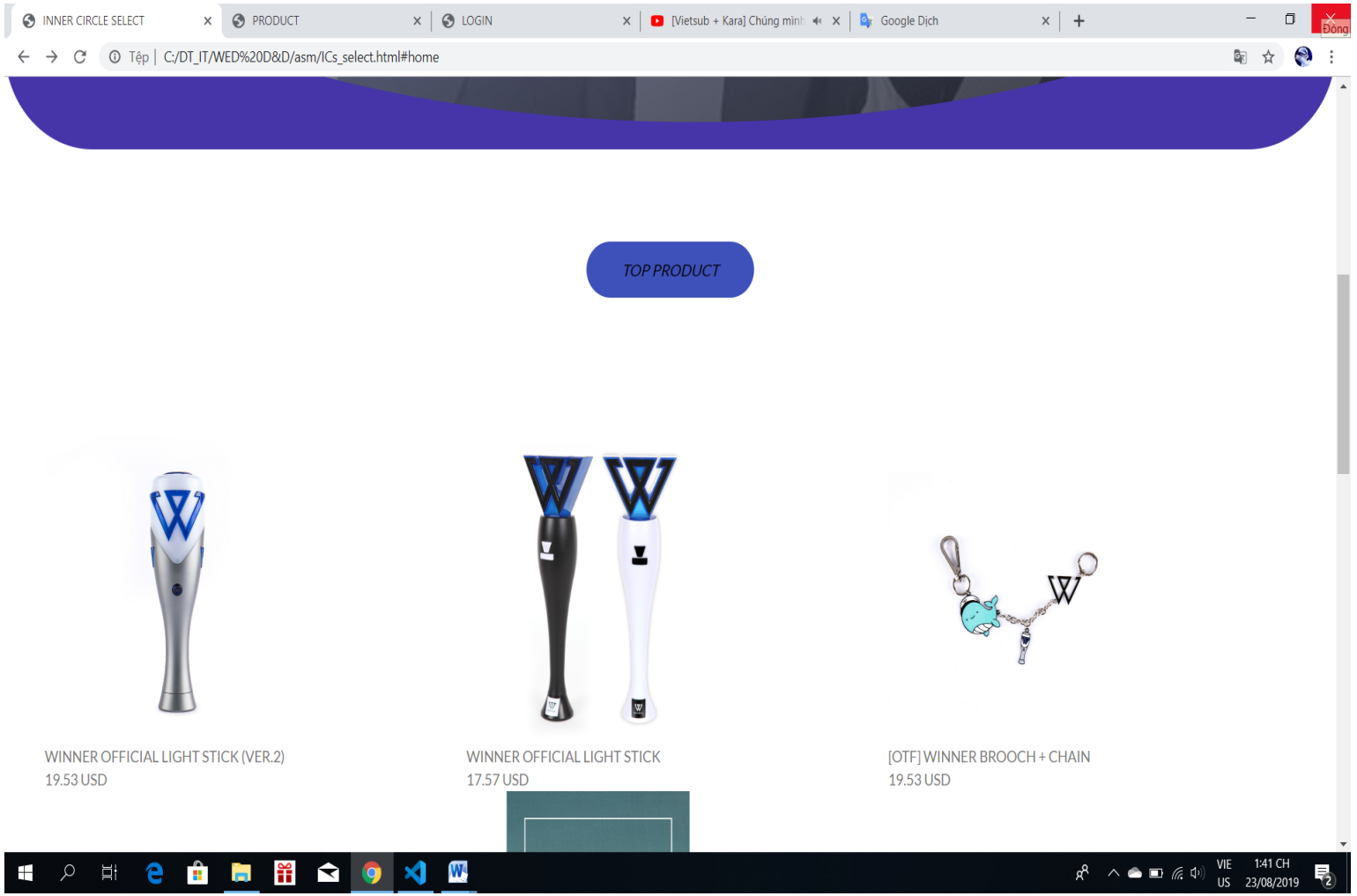
Wirefarmes of product.

II. Use your design document with appropriate principles, standards and guidelines to produce a branded, multipage website supported with realistic content.

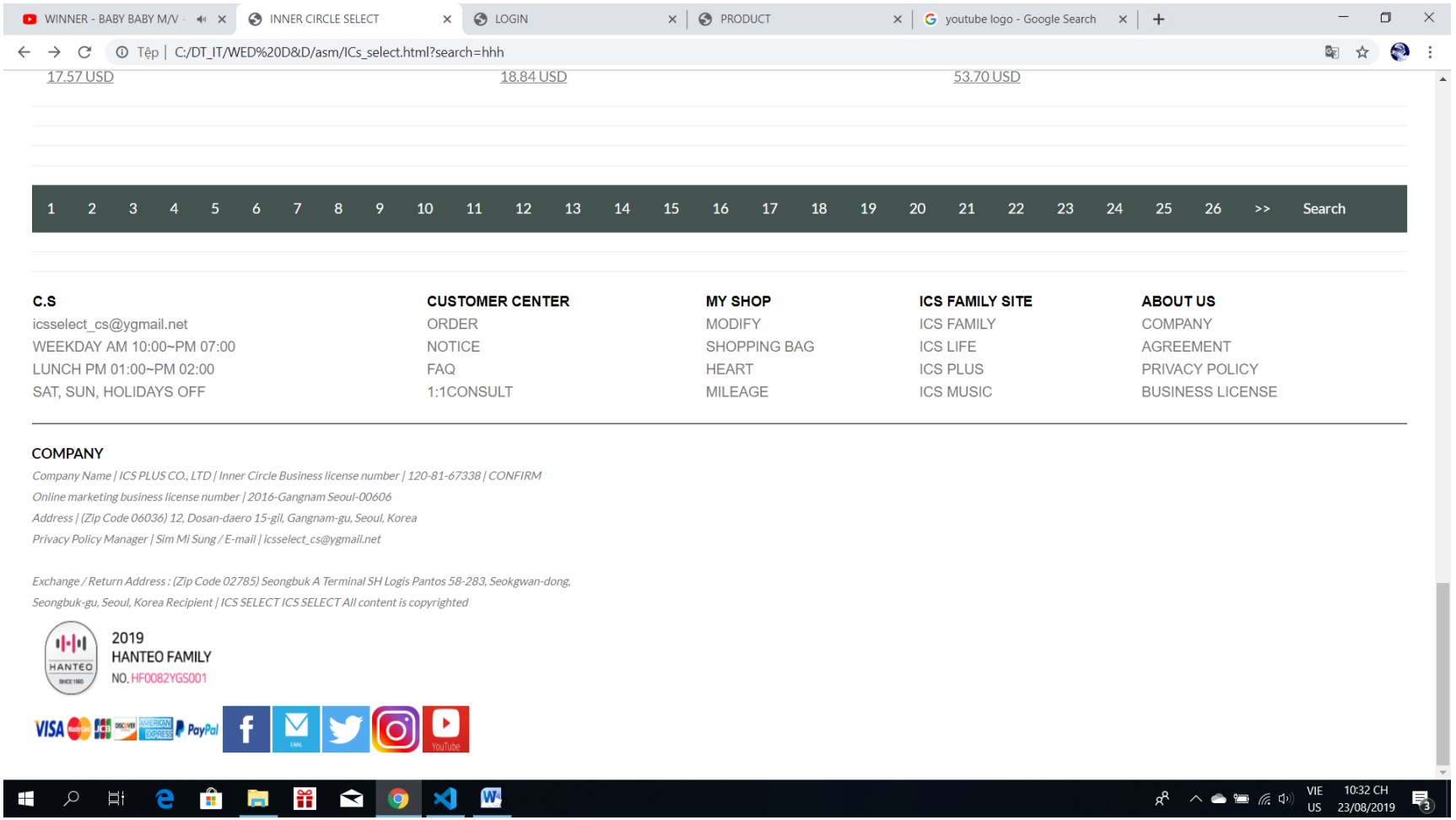
1. **Main home.**



Images 1.

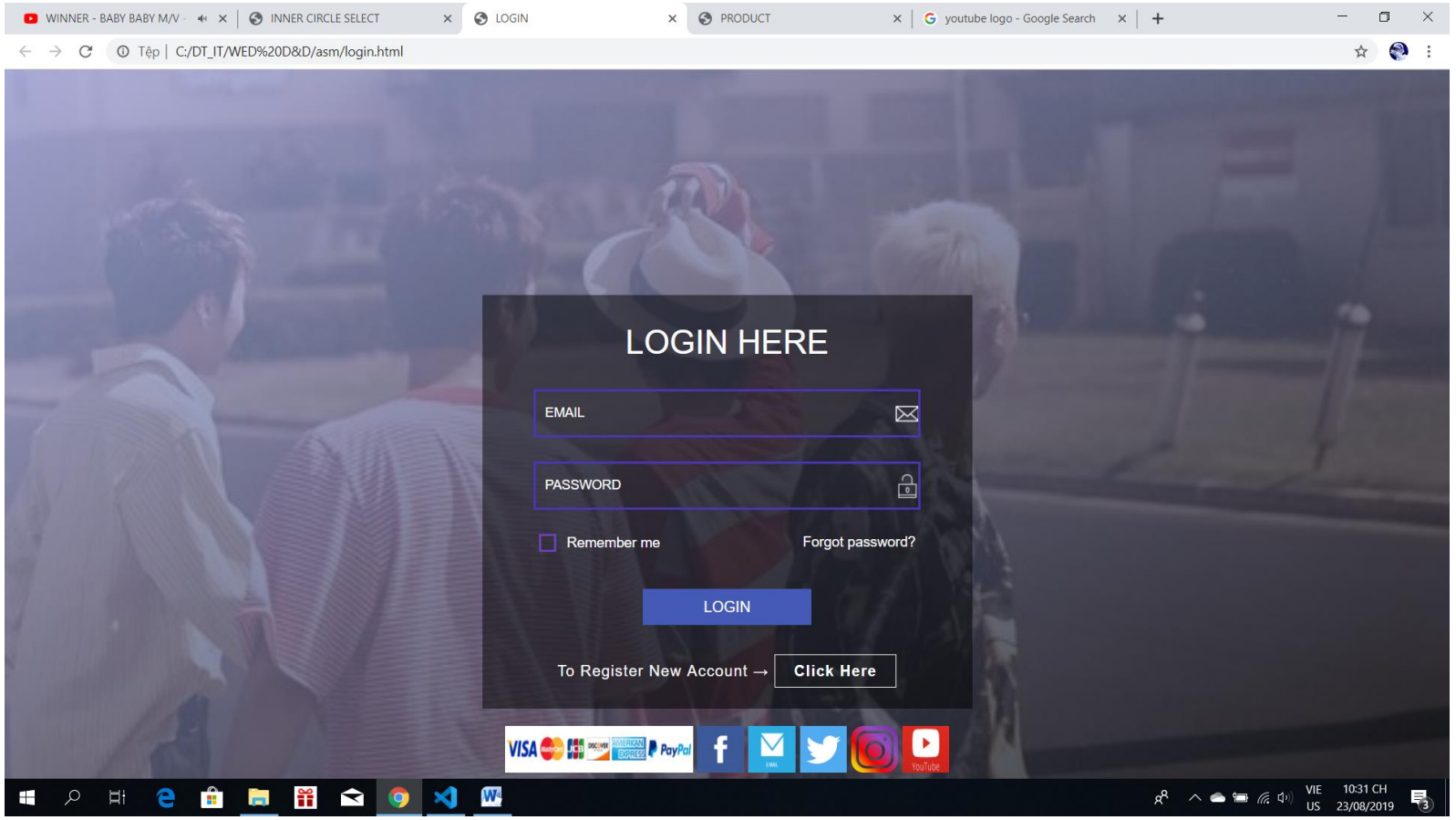

INNER CIRCLE SELECT
PRODUCT
LOGIN
[Vietsub + Kara] Chúng mình
Google Dịch
Đóng
Tệp | C:/DT_IT/WED%20D&D/asm/ICs_select.html#home
TOP PRODUCT
WINNER OFFICIAL LIGHT STICK (VER.2)
19.53 USD
WINNER OFFICIAL LIGHT STICK
17.57 USD
[OTF] WINNER BROOCH + CHAIN
19.53 USD
VIE
US
1:41 CH
23/08/2019

Images 2.


WINNER - BABY BABY M/V
INNER CIRCLE SELECT
LOGIN
PRODUCT
youtube logo - Google Search
Tệp | C:/DT_IT/WED%20D&D/asm/ICs_select.html?search=hhh
17.57 USD
18.84 USD
53.70 USD
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 >> Search
C.S
icsselect_cs@ygmail.net
WEEKDAY AM 10:00~PM 07:00
LUNCH PM 01:00~PM 02:00
SAT, SUN, HOLIDAYS OFF
CUSTOMER CENTER
ORDER
NOTICE
FAQ
1:1CONSULT
MY SHOP
MODIFY
SHOPPING BAG
HEART
MILEAGE
ICS FAMILY SITE
ICS FAMILY
ICS LIFE
ICS PLUS
ICS MUSIC
ABOUT US
COMPANY
AGREEMENT
PRIVACY POLICY
BUSINESS LICENSE
COMPANY
Company Name | ICS PLUS CO., LTD | Inner Circle Business license number | 120-81-67338 | CONFIRM
Online marketing business license number | 2016-Gangnam Seoul-00606
Address | (Zip Code 06036) 12, Dosan-daero 15-gil, Gangnam-gu, Seoul, Korea
Privacy Policy Manager | Sim Mi Sung / E-mail | icsselect_cs@ygmail.net
Exchange / Return Address : (Zip Code 02785) Seongbuk A Terminal SH Logis Pantos 58-283, Seokgwan-dong, Seongbuk-gu, Seoul, Korea Recipient | ICS SELECT ICS SELECT All content is copyrighted
2019
HANTEO FAMILY
NO. HF0082YGS001
VIE
US
10:32 CH
23/08/2019

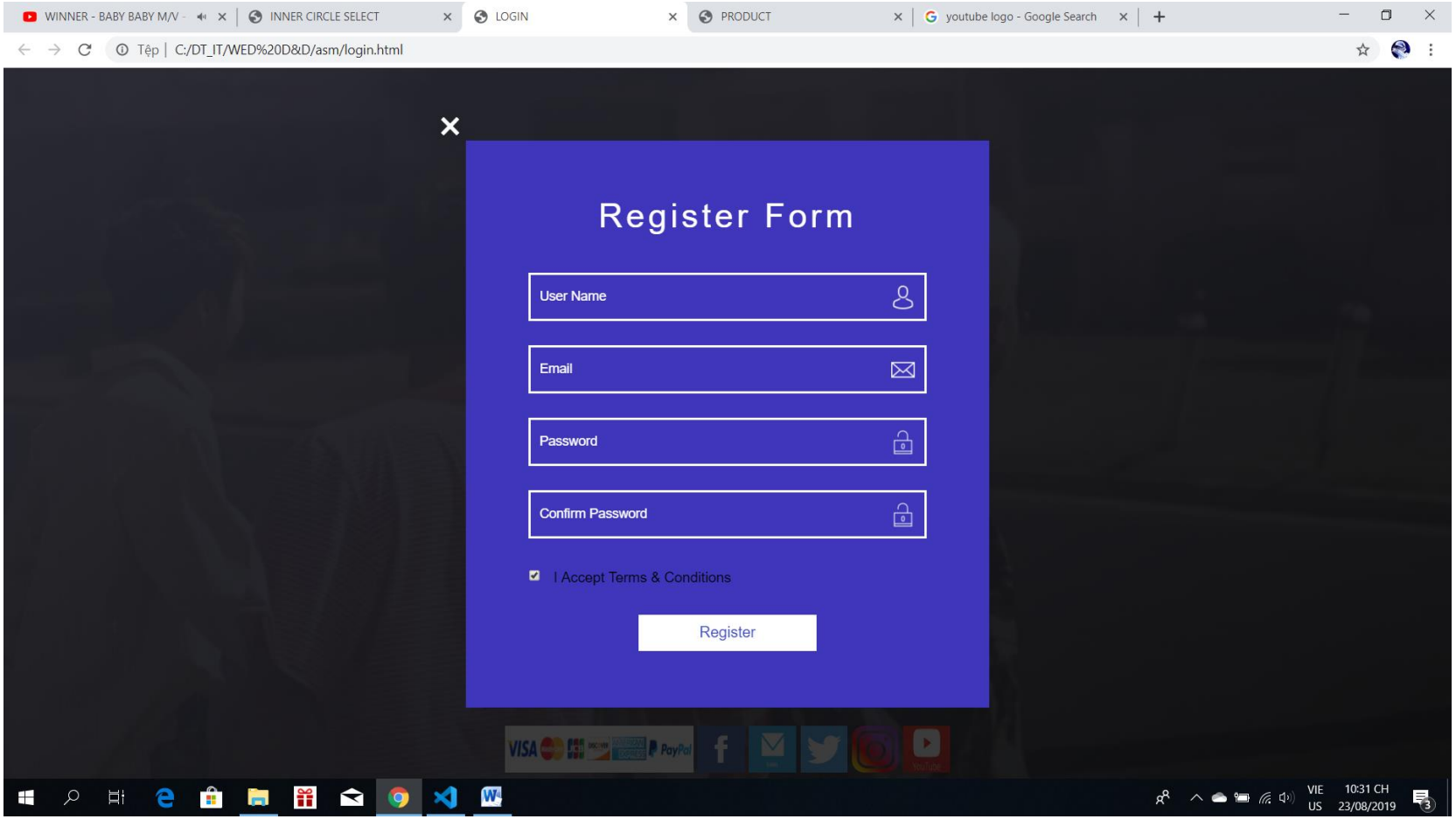
Images 3.

2. **Login.**
   a. **Login.**



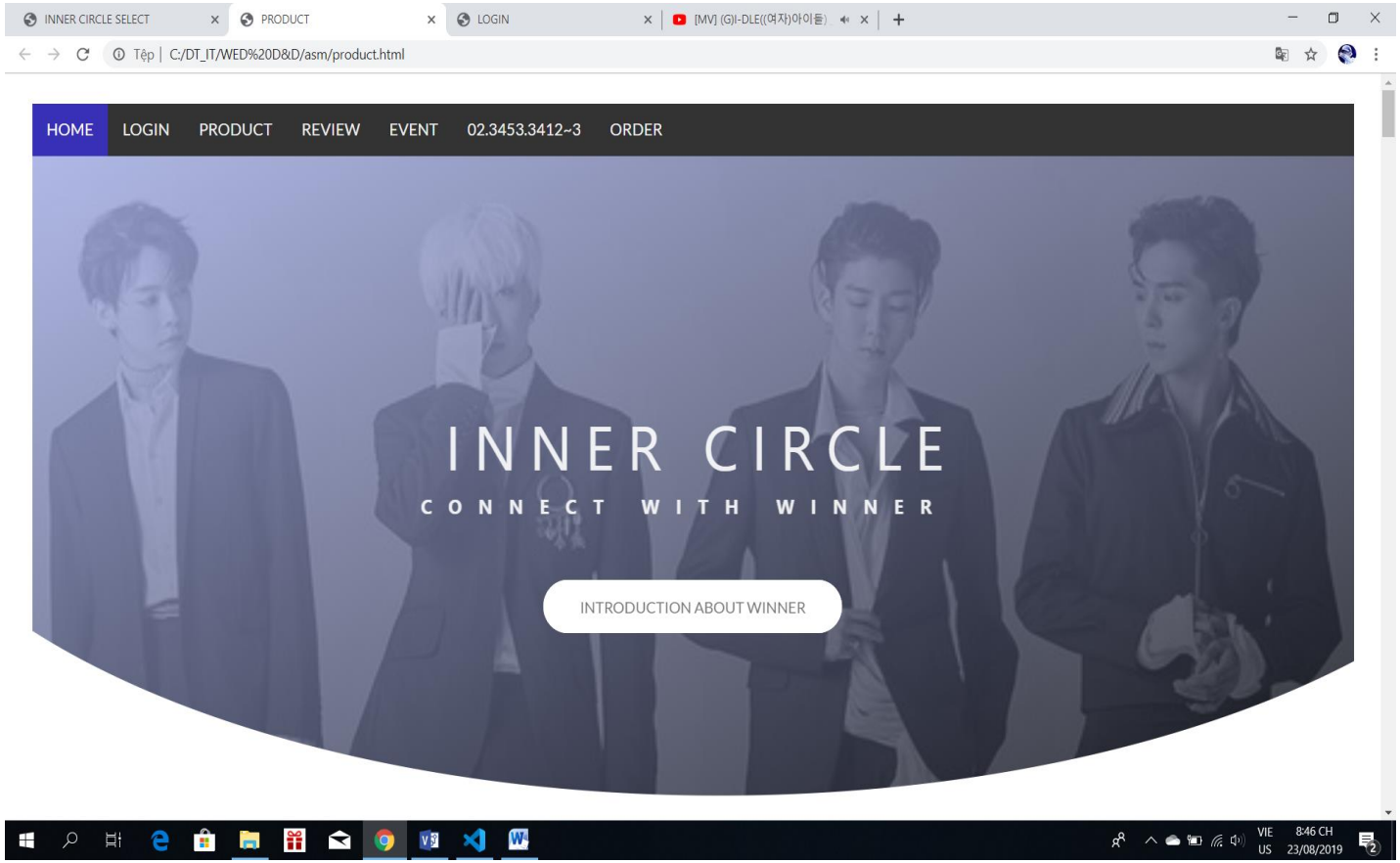
Images 4.

b. Register.



Images 5.

3. Product.



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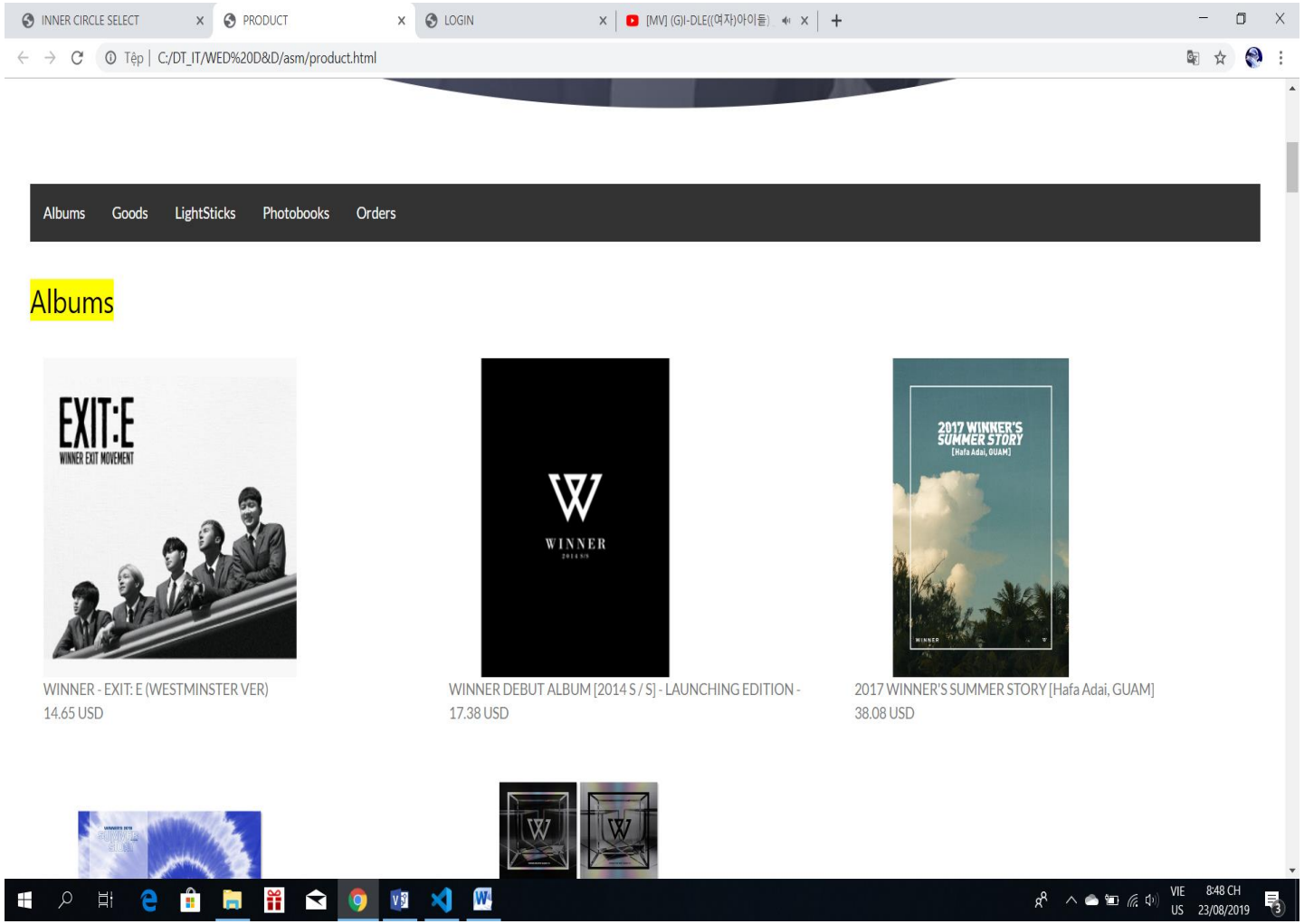
INNER CIRCLE SELECT
PRODUCT
LOGIN
[MV] (G)I-DLE((여자)아이들)
Tệp | C:/DT_IT/WED%20D&D/asm/product.html
Albums
Goods
LightSticks
Photobooks
Orders
Albums
EXIT:E
WINNER EXIT MOVEMENT
WINNER - EXIT: E (WESTMINSTER VER)
14.65 USD
WINNER
WINNER DEBUT ALBUM [2014 S / S] - LAUNCHING EDITION -
17.38 USD
2017 WINNER'S SUMMER STORY
[Hafa Adai, GUAM]
2017 WINNER'S SUMMER STORY [Hafa Adai, GUAM]
38.08 USD
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US
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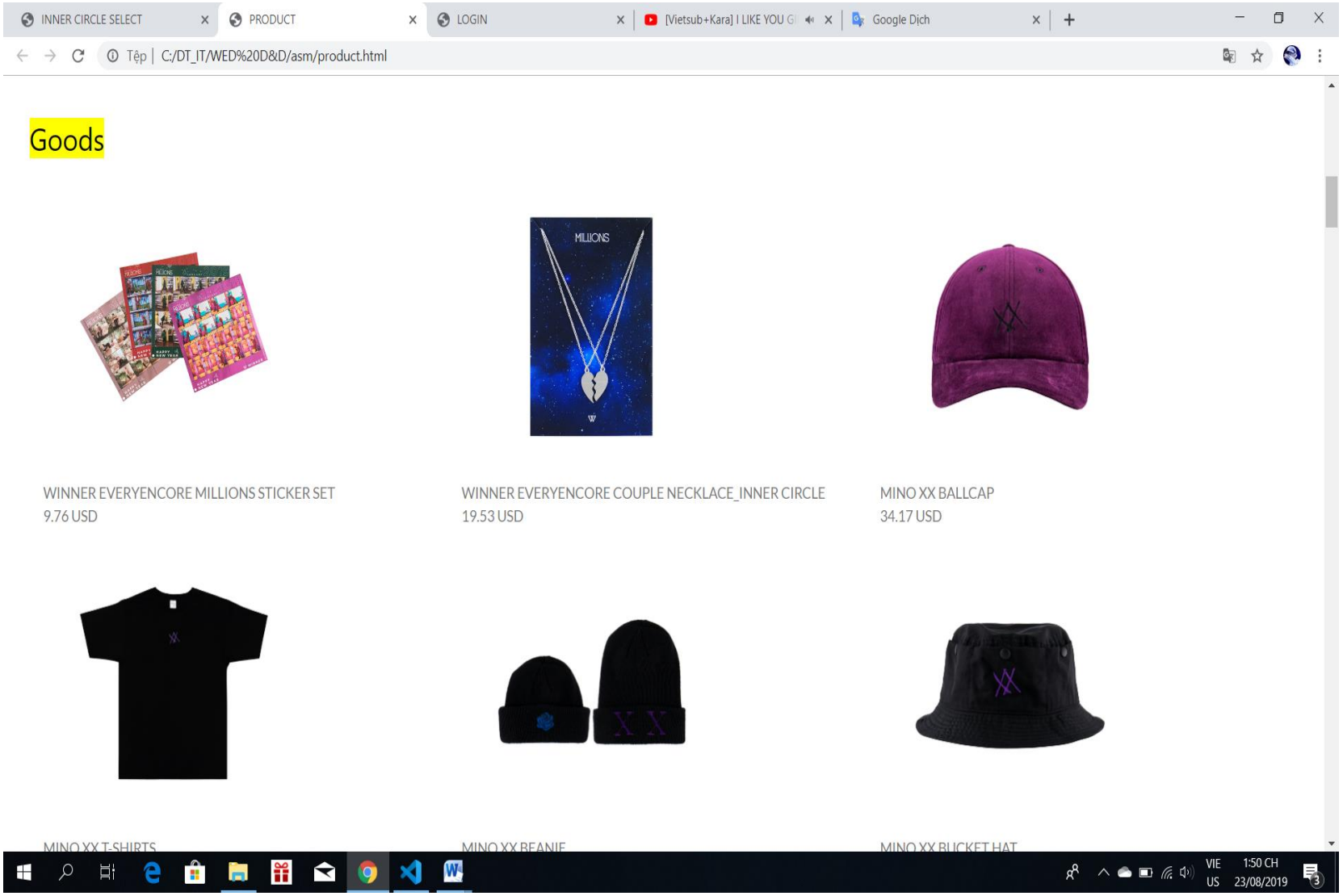
Images 7.


INNER CIRCLE SELECT
PRODUCT
LOGIN
[Vietsub+Kara] I LIKE YOU
Google Dịch
Tệp | C:/DT_IT/WED%20D&D/asm/product.html
Goods
MILLIONS
WINNER EVERYENCORE MILLIONS STICKER SET
9.76 USD
WINNER EVERYENCORE COUPLE NECKLACE_INNER CIRCLE
19.53 USD
MINO XX BALLCAP
34.17 USD
MINO XX T-SHIRTS
MINO XX BEANIE
MINO XX BUCKET HAT
VIE
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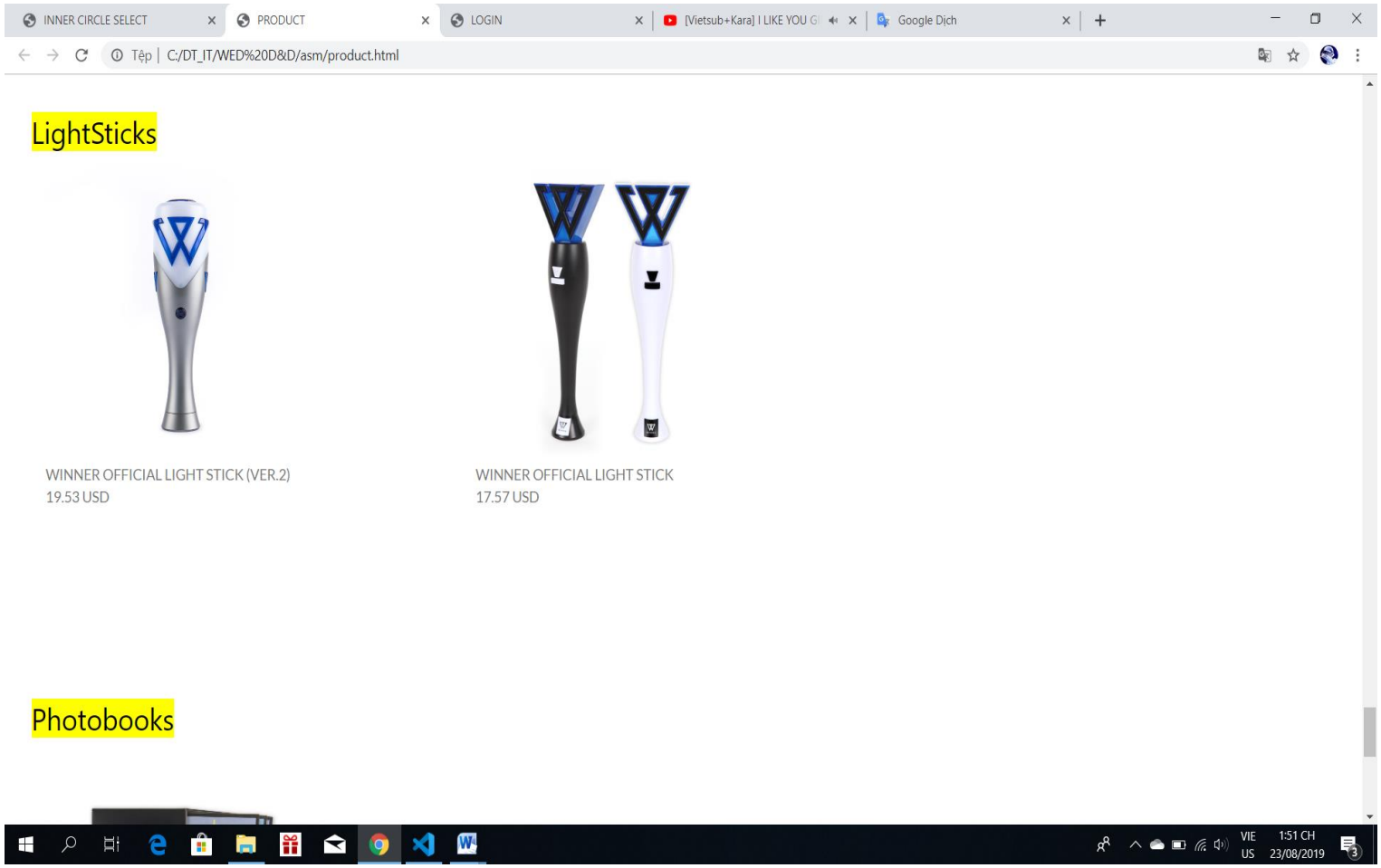
Images 8.


INNER CIRCLE SELECT
PRODUCT
LOGIN
[Vietsub+Kara] I LIKE YOU
Google Dịch
Tệp | C:/DT_IT/WED%20D&D/asm/product.html
LightSticks
WINNER OFFICIAL LIGHT STICK (VER.2)
19.53 USD
WINNER OFFICIAL LIGHT STICK
17.57 USD
Photobooks
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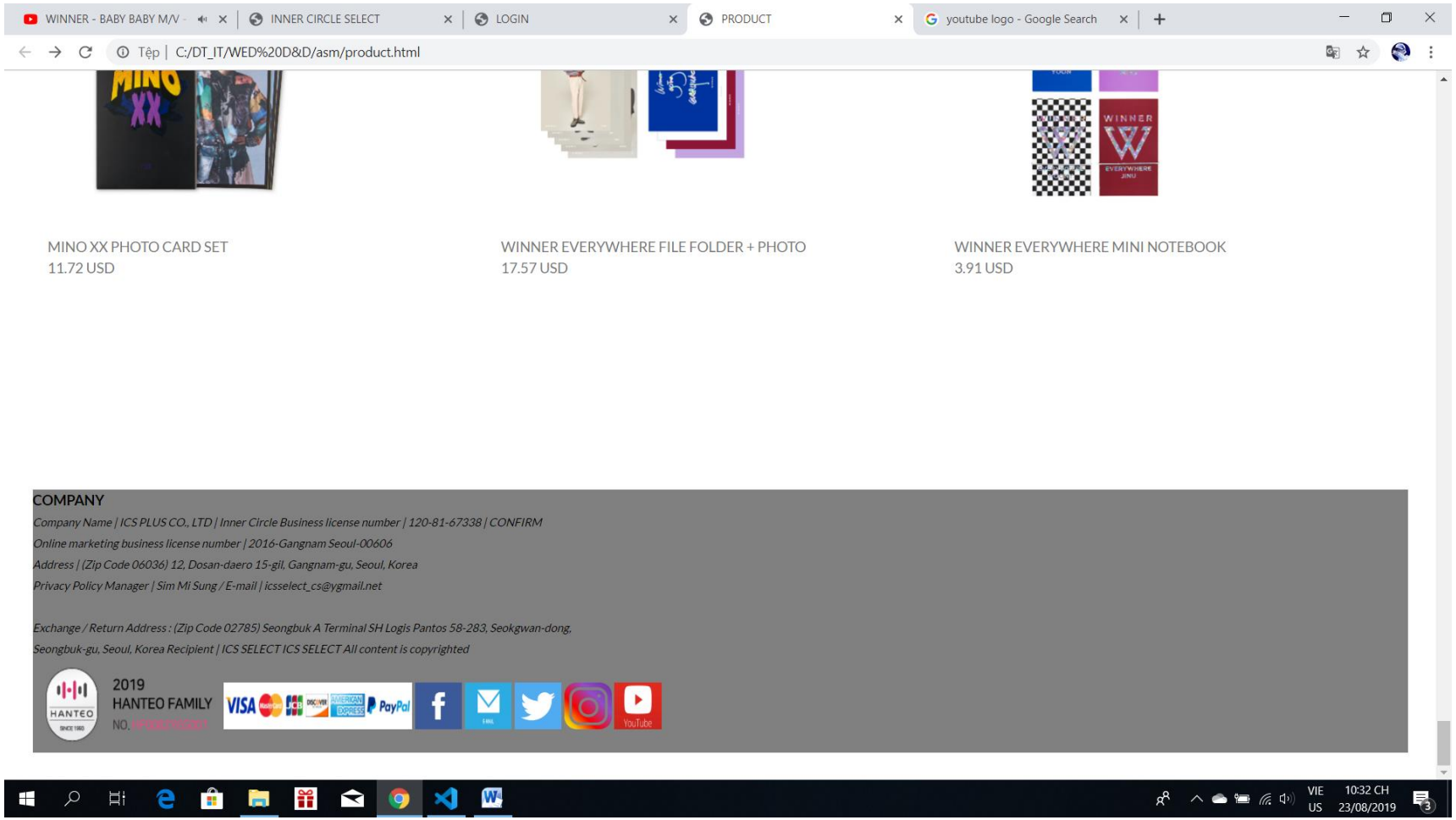
Images 9.


WINNER - BABY BABY M/V
INNER CIRCLE SELECT
LOGIN
PRODUCT
youtube logo - Google Search
Tệp | C:/DT_IT/WED%20D&D/asm/product.html
MINO XX PHOTO CARD SET
11.72 USD
WINNER EVERYWHERE FILE FOLDER + PHOTO
17.57 USD
WINNER EVERYWHERE MINI NOTEBOOK
3.91 USD
COMPANY
Company Name | ICS PLUS CO., LTD | Inner Circle Business license number | 120-81-67338 | CONFIRM
Online marketing business license number | 2016-Gangnam Seoul-00606
Address | (Zip Code 06036) 12, Dosan-daero 15-gil, Gangnam-gu, Seoul, Korea
Privacy Policy Manager | Sim Mi Sung / E-mail | icsselect_cs@ygmail.net
Exchange / Return Address : (Zip Code 02785) Seongbuk A Terminal SH Logis Pantos 58-283, Seokgwan-dong,
Seongbuk-gu, Seoul, Korea Recipient | ICS SELECT ICS SELECT All content is copyrighted
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HANTEO FAMILY
PayPal
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US
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23/08/2019

Images 10.

III. Compare and contrast the multipage website created to the design document.

1. **How many times did you change your design document details when you actually started designing the website?**
   I did change my design document details four times when actually started designing the website.
2. **Was your design document clear & did it produce expected results during actual coding?**
   My design document clear & it produces some expected errors during actual coding.
   For example, background fonts,...
3. **What are the key things to consider in design document when actual website was created?**
   The key things to consider in design document when actual website created was: Graphics, Interface, user requirements, client requirement, medium fidelity wireframes for the web pages, a navigation map, folder structure design, the scheme for implementing the formatting, the scheme for use of scripting.
4. **List down the advantages and disadvantages over the design document and actual website created.**
   Advantages
   - Clean, easy to understand.
   - Split content into many small parts
   - Eliminating UI clutter, users easily digest.
   - Easy and natural movement.
   - Provides unlimited scalability
   - Has strong SEO capabilities.

   Disadvantages
   - No SEO optimization.
   - Regularly update the site.
   - Must be designed to be suitable for all types of equipment

5. **Goal and Subjects.**
   - Goal: help Inner Circle (WINNER's fandom name) connect more closely with their idols (WINNER). Also, help them discover and exchange WINNER products around the world in the best way.
   - Subjects: people who want to buy and suppliers. The objects here are mainly Inner Circle and Inner Circle select.

IV. Critically evaluate the design and development process against your design document and analyse any technical challenges.

- The design and development process for my design materials has many difficulties in thinking ideas and presentation.
- Leaving ideas for a website takes a lot of time.
- Thinking of page layout (layout) is extremely confusing and has to be edited many times.
- In addition, wireframe drawing techniques are very tiring and slow.
- Sitemaps are simpler when using Visio drawing tools.

B. Create and use a Test Plan to review the performance and design of a multipage website.

I. Create a suitable Test Plan identifying key performance areas and use it to review the functionality and performance of your website. User Experience (UX) and User Interface (UI).

Check for potential errors before publishing online:

- Functional testing: check all links in the site, connect to the database, the form is used to send or receive information from users in websites, Check cookies, ...
- Usability testing: testing of computer and person interaction characteristics of a system and identified weaknesses for repair such as: navigation, subjective user satisfaction, general appearance .
- Test interface: verify that communication is done correctly. Server compatibility with software, hardware, networks and databases.
- Compatibility check: Web browser compatibility, operating system compatibility, mobile browser, printing options.
- Performance test: web load test, web stress test, application performance test on different internet connection speeds.

II. Evaluate the Quality Assurance (QA) process and review how it was implemented during your design and development stages.

- The original design that I approved for the final product, the version is properly coded with my favorite website design. However, there are some possible adjustments: fonts, lists, ...
- Images on the website are perfect images. There are no any watermarks and there is aesthetic gap around them.
- The content has all the pages needed for its launch and all have grammar, proper spelling, ...
- All menu items and links are in the right place and no pages lack link content.
- Forms ensure all schools are accurate and work properly.

III. Critically evaluate the results of your Test Plan and include a review of the overall success of your multipage website. Use this evaluation to explain any areas of success and provide justified recommendations for areas that require improvement.

- The results of my test plan are very positive. It sets clear, specific requirements, plans and objectives. Thanks to it that I can check quickly and efficiently. However, during the inspection process, there are still some small problems with unexpected results, so I need to take time and effort to think and correct. However, thanks to that, I can tell if my site has made a mistake.
- From here we can draw a conclusion: any field that wants success, quality, good performance and product is the same as expected. You need to set a goal, make a specific plan, and the final step is to check the whole.
- For example: You need to cook a meal first you have to plan the menu and ingredients for the menu. In addition, your plan needs to be consistent with tastes and economics.

C. Reference.

http://edutechwiki.unige.ch/en/Web_design_principles
https://www.glidedesign.com/10-principles-of-good-web-design/
https://mason.gmu.edu/~montecin/webdesign.htm
https://www.webstandards.org/learn/faq/
https://www.treefrog.ca/how-to-qa-your-website
https://www.webilize.com/Blog/Details/49/quality-assurance-checklist-for-website-design-and-development
https://kruschecompany.com/quality-assurance-in-projects/
https://www.softwaretestinghelp.com/web-application-testing/
https://nibbler.silktide.com
https://www.simplilearn.com/how-to-test-your-website-article
https://www.softwaretestinghelp.com/how-to-write-test-plan-document-software-testing-training-day3/