WTFPRICE SHOP ONLINE



**Thank for Teacher Guider Nguyen Quang Binh, Softech-Aptech Center and members of group helped to complete successfully this project !**

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Hoang Trong Bin .

Truong Thanh Than .

Nguyen Van Ngoan .

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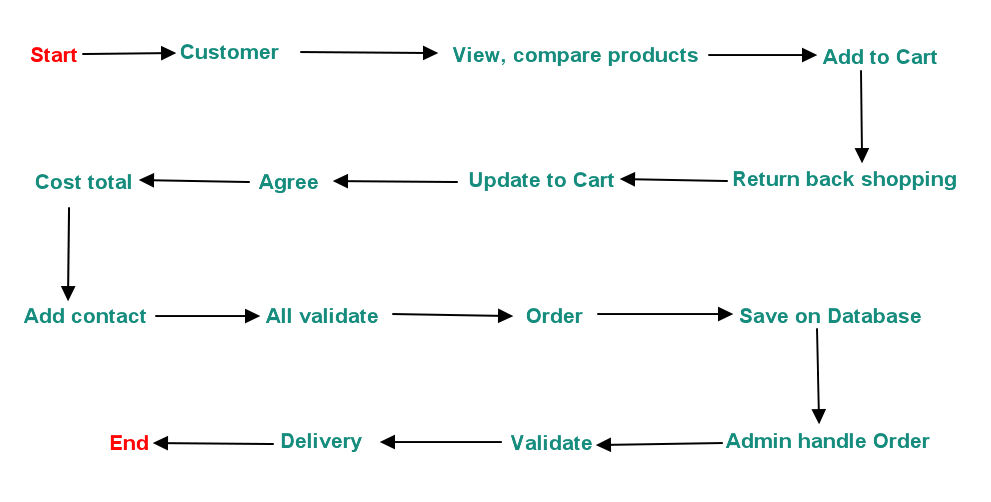
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4. Definition of the Problem :
   1. Need :

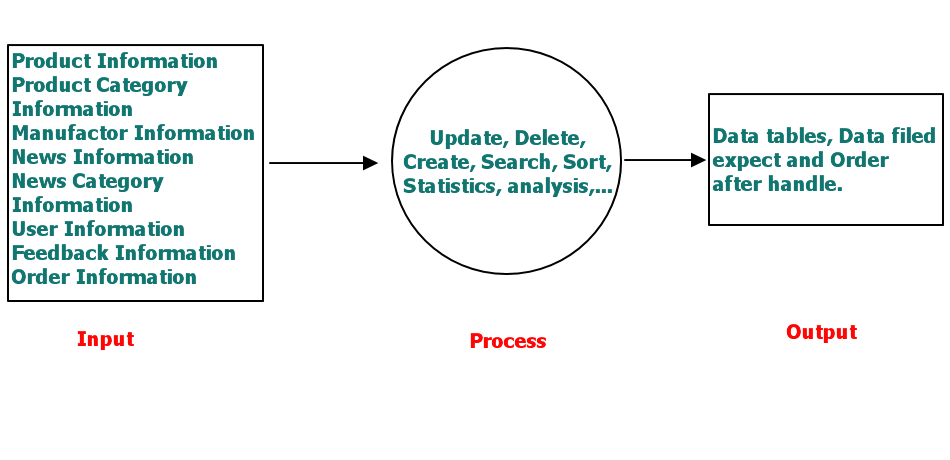
Today – Technology break out, shopping demand of people increase. And then, there favourable conditions to expand E-commerce, to go in with the World trend, WTFPrice: which is the website specialize to deal in audiovisual technology devices such as Smartphone, Laptop, Tablet,… open a shop to serve shopping demand of all people; to bring conveniently, quickly, confidence, above all others is economic effect, save on money.

* 1. Overview of the solution :
* Purpose of Website: Customer can view, look up, order, feedback, shopping cart, personal information management on way convenient, exactly, and reading news article technology of world.
* Modeling the objects of the issue into Database follow direction with the Real-World .
* Easily manipulate , handle, caculator, add new, edit, update, storage, ...
* Manage your data in the relational model is based on the table to bring the integrity and synchronization of data .
* Encapsulation data, and authorization access to solve issues of data security.
* Design each Modul of each object type and function offer easly maintenance and repair later.
* Interface optimized and is suitable for the use and management .
* Optimize new technology to bring a quality product with reasonable price.

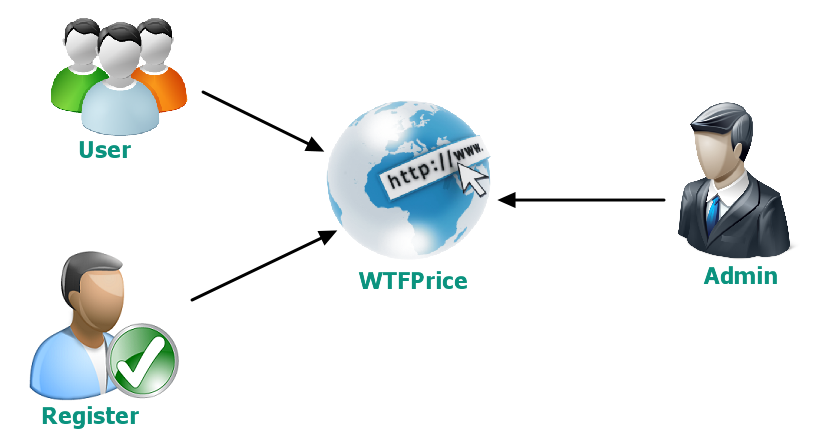
1. Requirement analysis :
   1. Process of order:



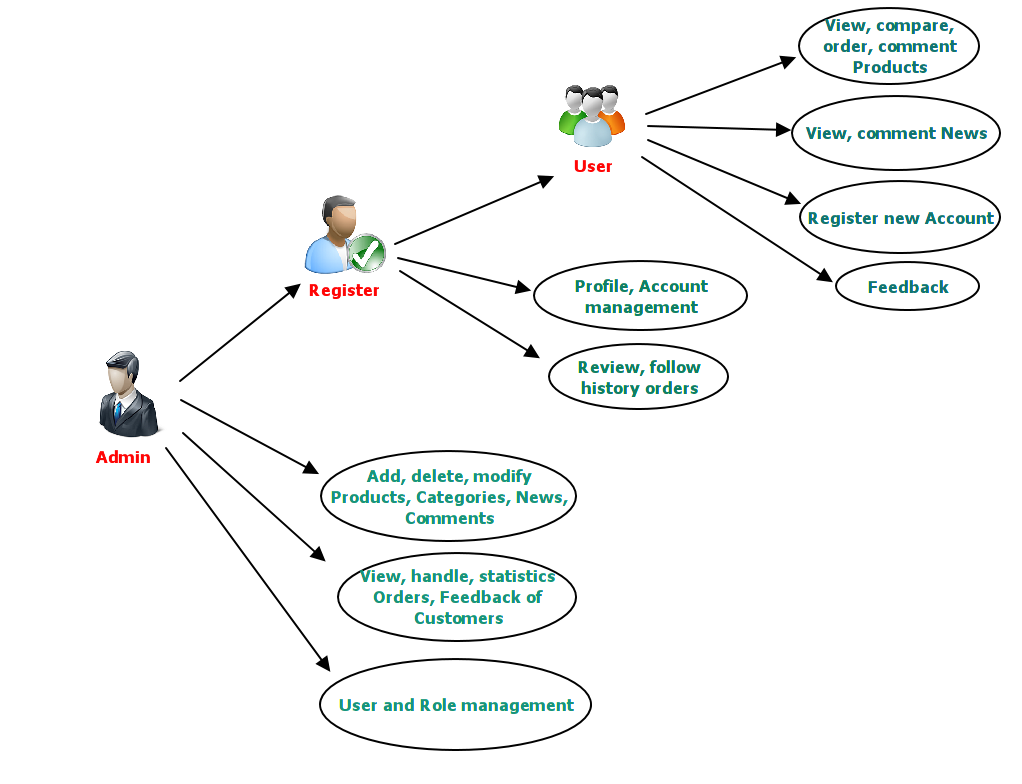
* 1. List of inputs to the system :
  + Product information : ID, Name, Description, Price, Stock , Image, Category,…
  + Category information : ID, Name, Description,…
  + Manufactor information : Id, Name, Description .
  + Order information : ProductId, Contact, Quantity,…
  + News information : ID, Title, Description, Image, Createdate, Views,…
  + NewsCategory information: ID, Name, Description,…
  + Feedback information : D, Name, Content, Contact,…
  + User Information : ID, UserName, Email, Password, PhoneNumber,Image,...
  1. List of outputs expected from the system :
  + Tables data of process Add, Update, Delete, Search, … information .
  + Fields data of process Add, Update, Delete, Search, … information .
  + Orders after handle.



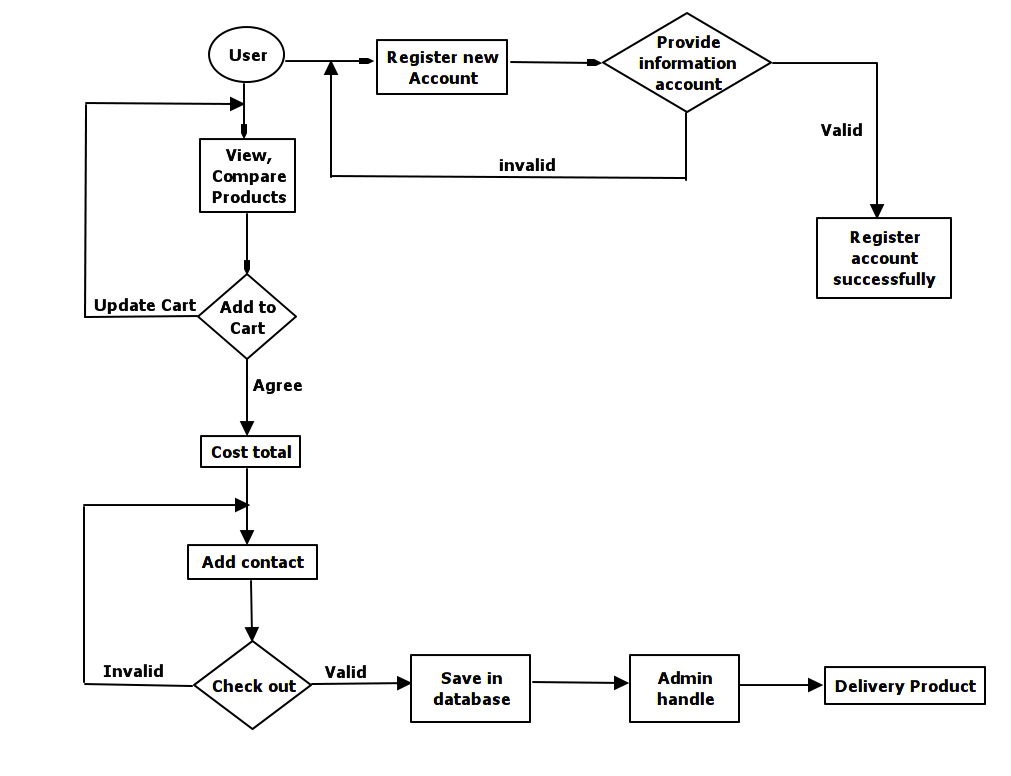
* 1. Overview of process involved in the system :
  + View .
  + Compare.
  + Order.
  + Update .
  + Delete .
  + Search .
  + Login .
  + Logout .
  + FeedBack .
  + Change Password .
  + Permission .



* 1. Use case and Actors :



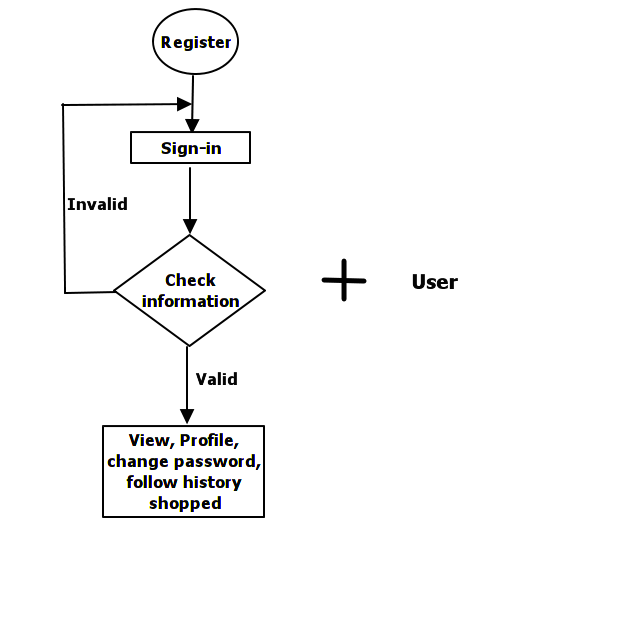
1. User :



**.** **User description:**

* The first, User can browse webpage, and then user can view, compare, comment products.
* If user has demand buy products, who can click “Buy” button to buy products, also user can return back webpage to continuous shopping and update shopping cart.
* After buy products, user already agree check out, cost total, and provide another contact information such as Name, Address, PhoneNumber,…
* If contact information invalid, we require re-enter until contact is valid.
* Finally, User can complete process order products.
* In addition, user can register along with website to follow account information and view shop history.

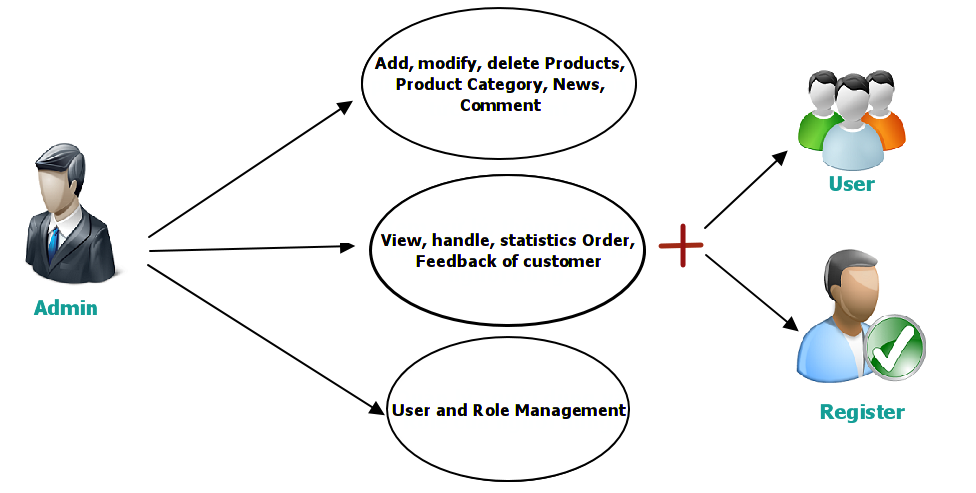
1. register :



**. Register description :**

* Register have all of User function.
* The first, register login with UserName and Password with role already provide.
* And then, Main function of register is management of account information, change password, follow order history, and status product delivery.

1. Admin :



**. Admin description :**

* Admin have all of User and Register function.
* The first, Admin log in into website with UserName and Password with role Administrato.
* After login into website, Admin can have all permission of website:
  + Add, modify, delete of product, product category, manufactor, news, news category, comment.
  + View, handle, statistics order, feedback of customers.
  + User and Role Management.
  1. Technology, Hardware and software required for implementing website .

1. Technology :

* Server side: Website using ASP.NET MVC 5, the lastest technology of Microsoft .
* Client side: Website using HTML5, CSS3, Javascript, another library such as bootstrap, jquery,…

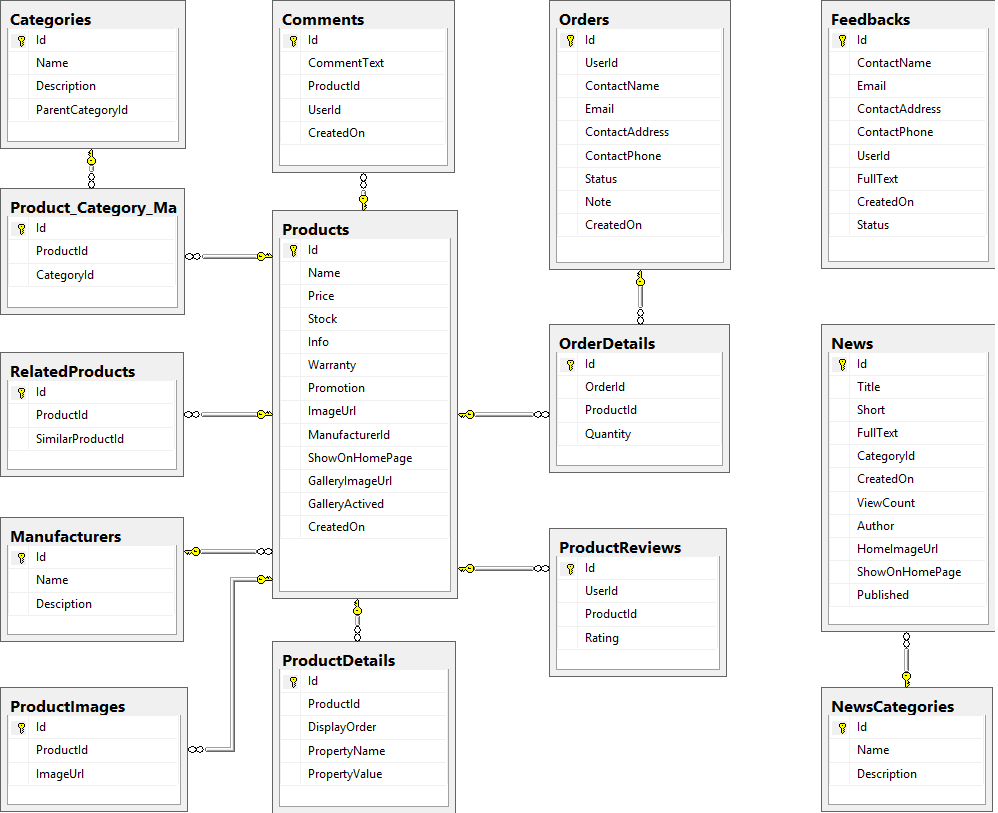
1. Editor Sofware :

* Visual Studio 2013, SQL Server 2012.

1. Enviroment deploy: IIS 8.0.
2. Hardware of server and client: Website deploy and run any device hardware current.
3. Design :

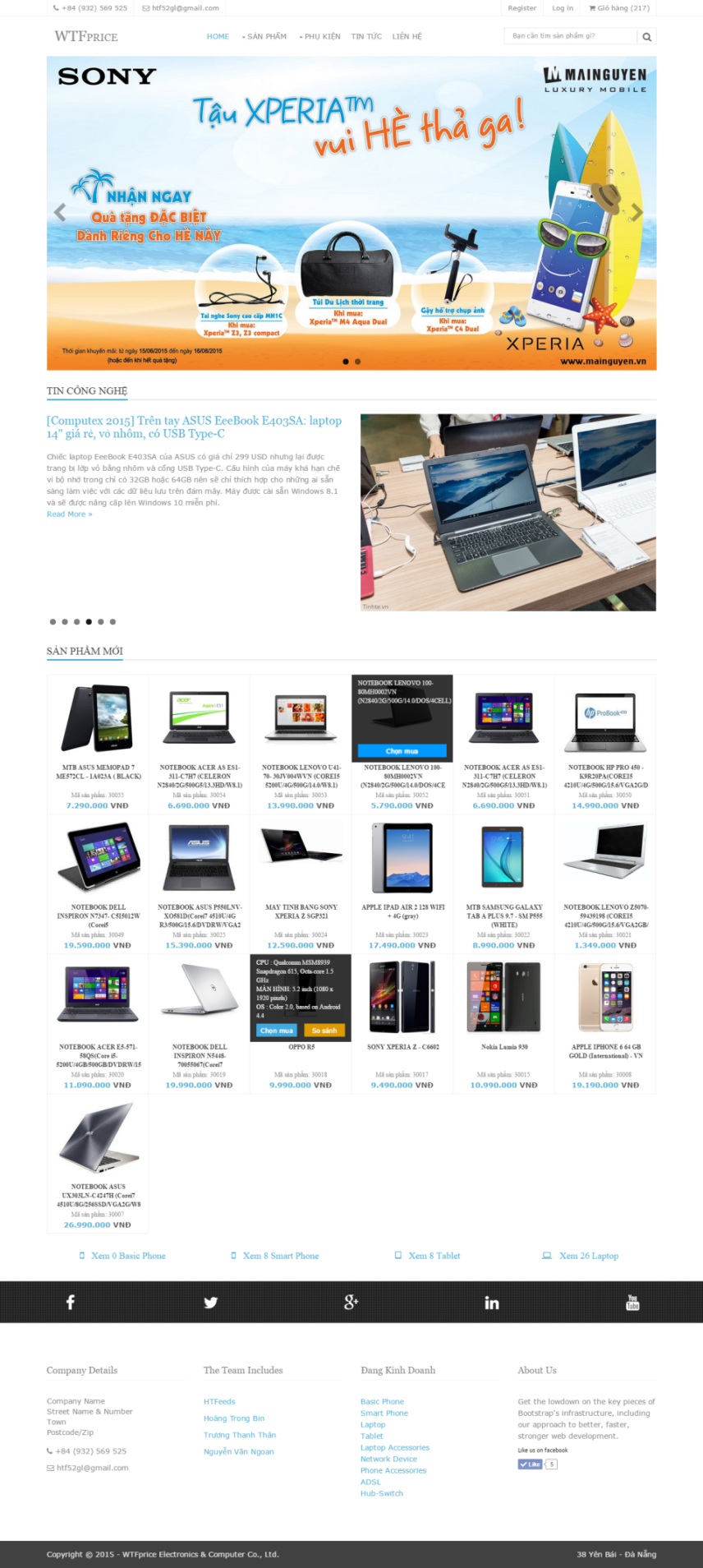
3.1 Design Database :

* Database comprisse 14 tables, what constrainted by Foreign-key constraints .
* Every table is a entity set of objects in system, comprise a Primary-key and properties .

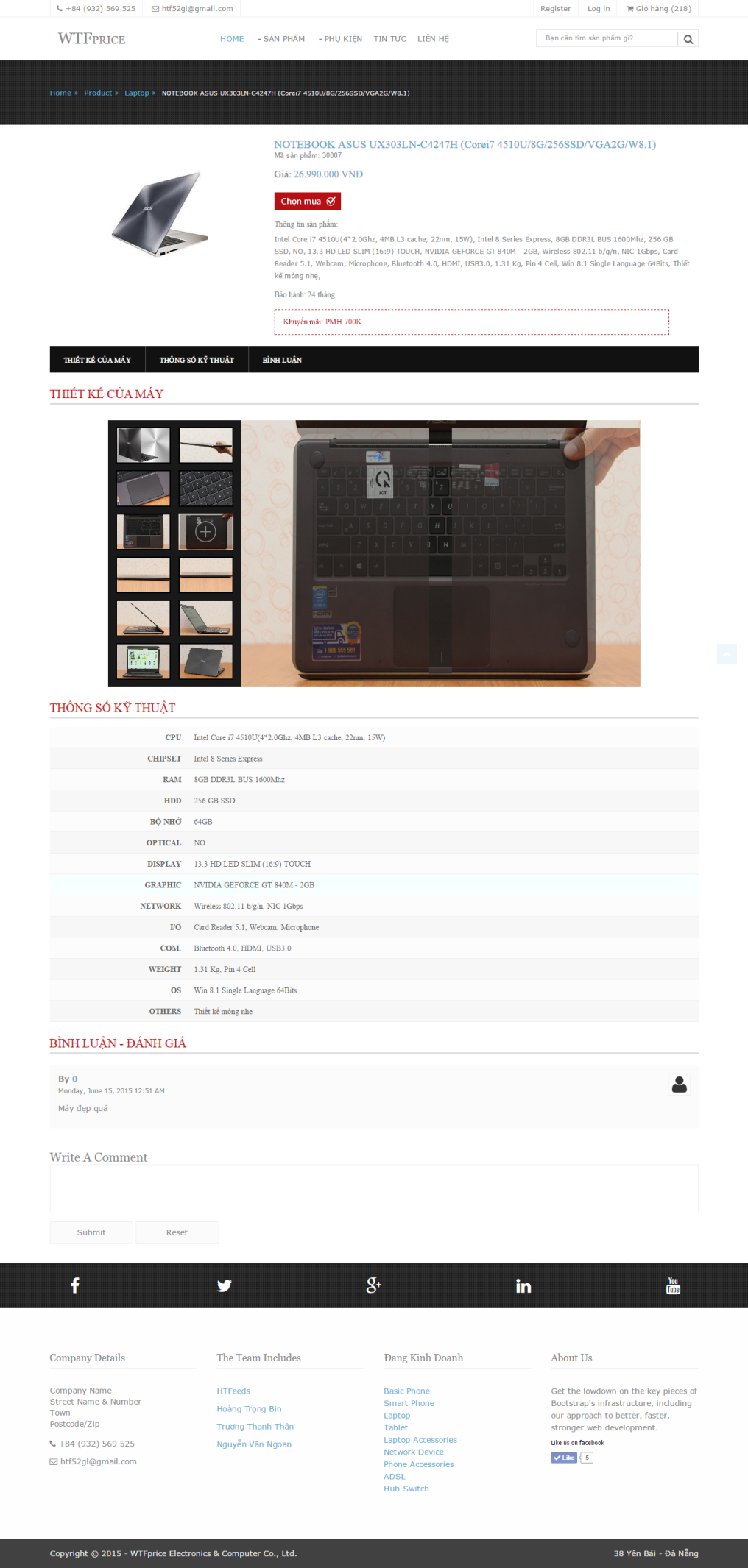


3.3 Design GUIs :

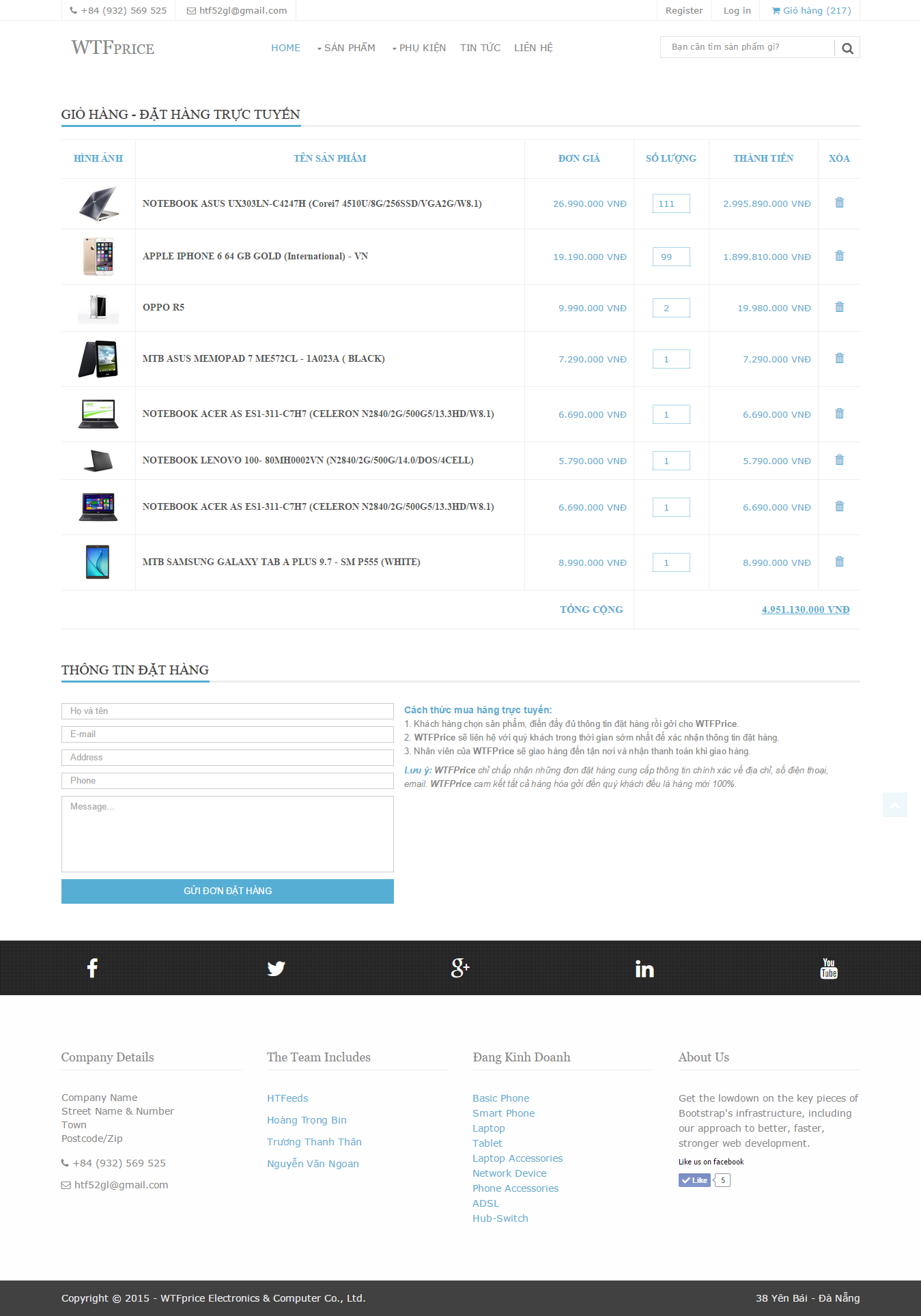
a. Home Page :

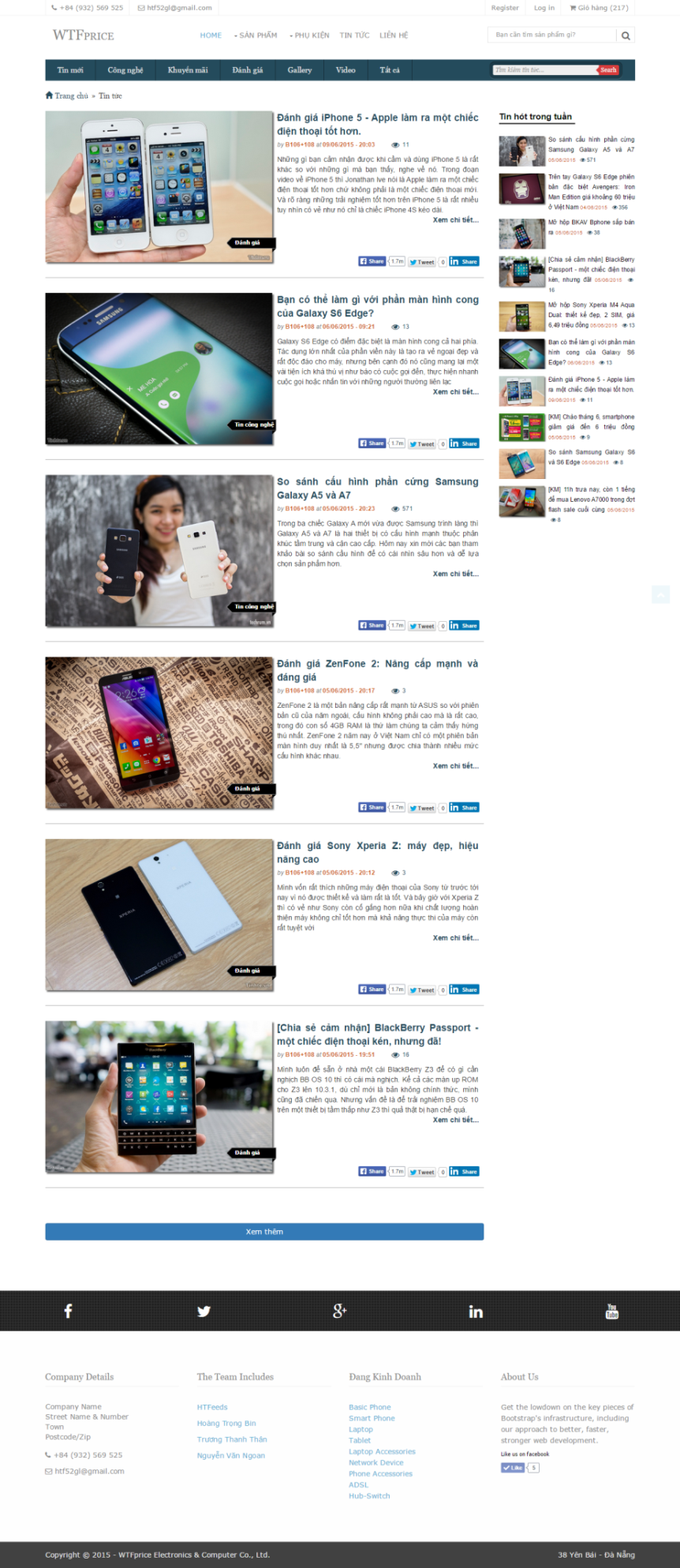


1. Product Details :



Shopping Cart :

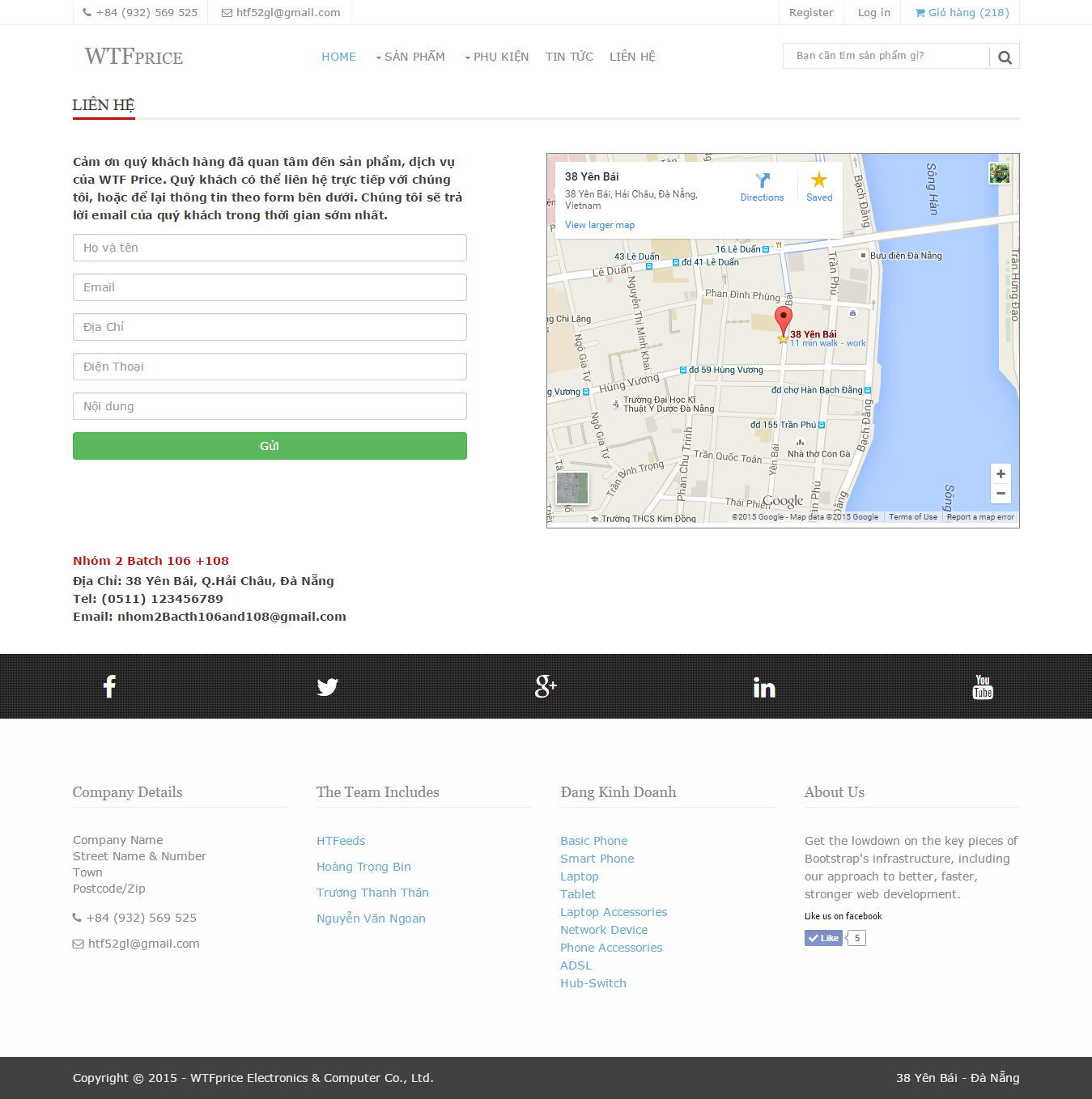




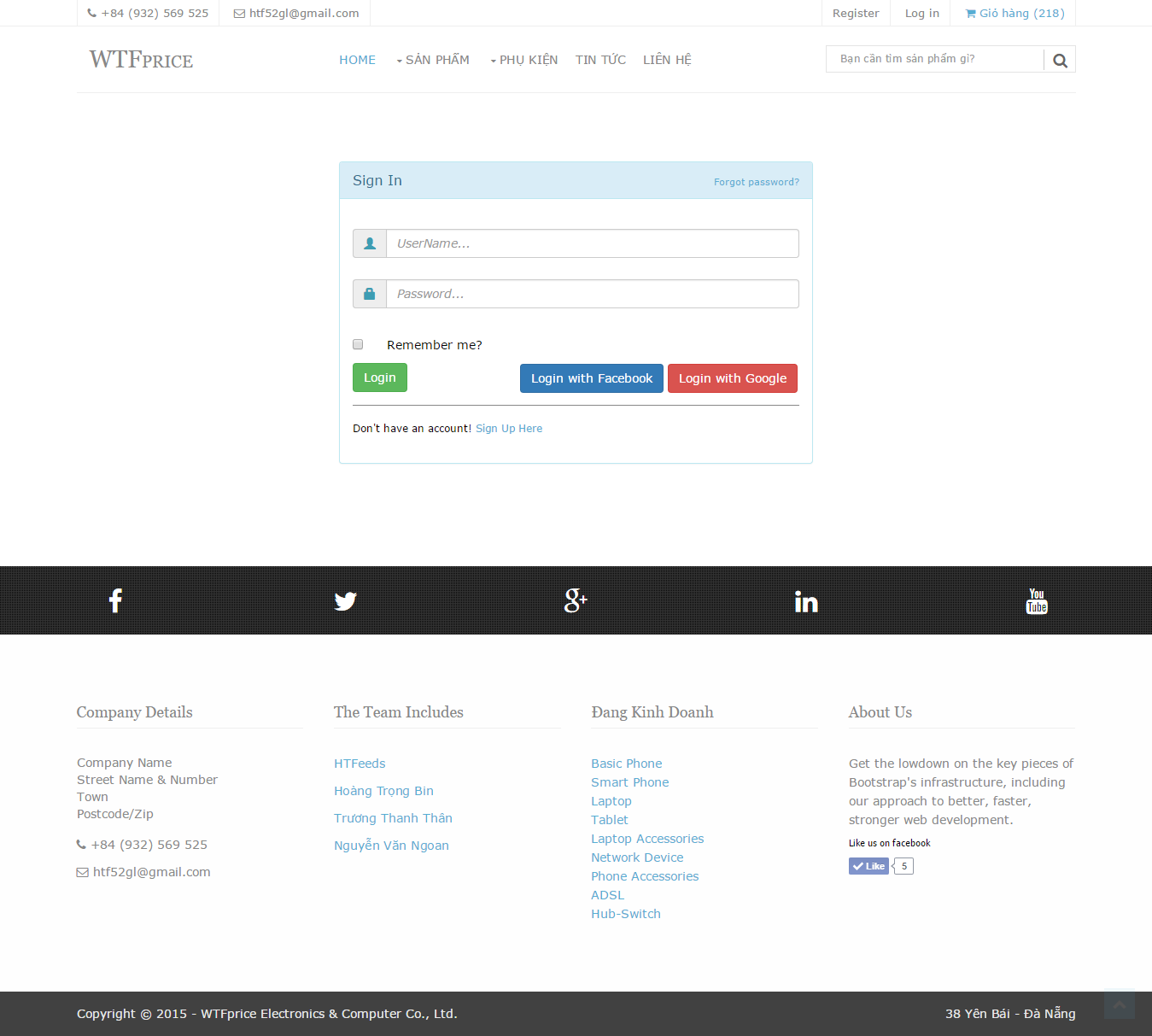
1. News Details :



1. Contact :



1. Login :



1. Task sheet :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STT | Author | Duration | Task | Note |
| 1 | Nguyen Huynh Tanh | 19-21/05/2015 | Choose Topic |  |
| 22-23/05/2015 | Look up document |  |
| 24-26/05/2015 | Design Ui:  - User layout  - Homepage  - Product list page  - Product detail page |  |
| 27/05/2015 | - Design database  - Usercase |  |
| 28-1/06/2015 | - Home controller  - Product controller |  |
| 02/6/2015 | - Admin layout |  |
| 03-05/06/2015 | - Comment controller |  |
| 06-08/06/2015 | - Product detail action method |  |
| 09-11/06/2015 | - Order controller |  |
| 12-17/06/2015 | Admin management:  - Product  - Category  - Order  - Mapping  - Related |  |
| 2 | Hoang Trong Bin | 24-28/05/2015 | - News ui |  |
| 29-4/06/2015 | - News management |  |
| 05-8/06/2015 | - News controller |  |
| 9-14/06/2015 | - Login |  |
| 15-17/06/2015 | - Report |  |
| 3 | Truong Thanh Than | 24-4/06/2015 | - Feedback page  - Feedback controller  - Feedback management |  |
| 5-12/06/2015 | - Comment management |  |
| 13-17/06/2015 | - Add database |  |
| 4 | Nguyen Van Ngoan | 24-29/05/2015 | - Look up document  - Ui comparer |  |
| 10-17/06/2015 | - Comparer controller  - Product reviews management  - Manufacturers management |  |

1. Summary :

* With this WTFPrice website, we hope help people to shopping quickly, effect, exactly, save on time and money .
* If have problem of this website, we available maintain and upgrade follow expected .
* This application is the result of a concentrated effort of Guider and Members, but still deficient .
* We will be glad to receive your suggestions to website better .

Thank you teacher and all everyone followed this presentation !