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.

HTD PC Shop

User Guide

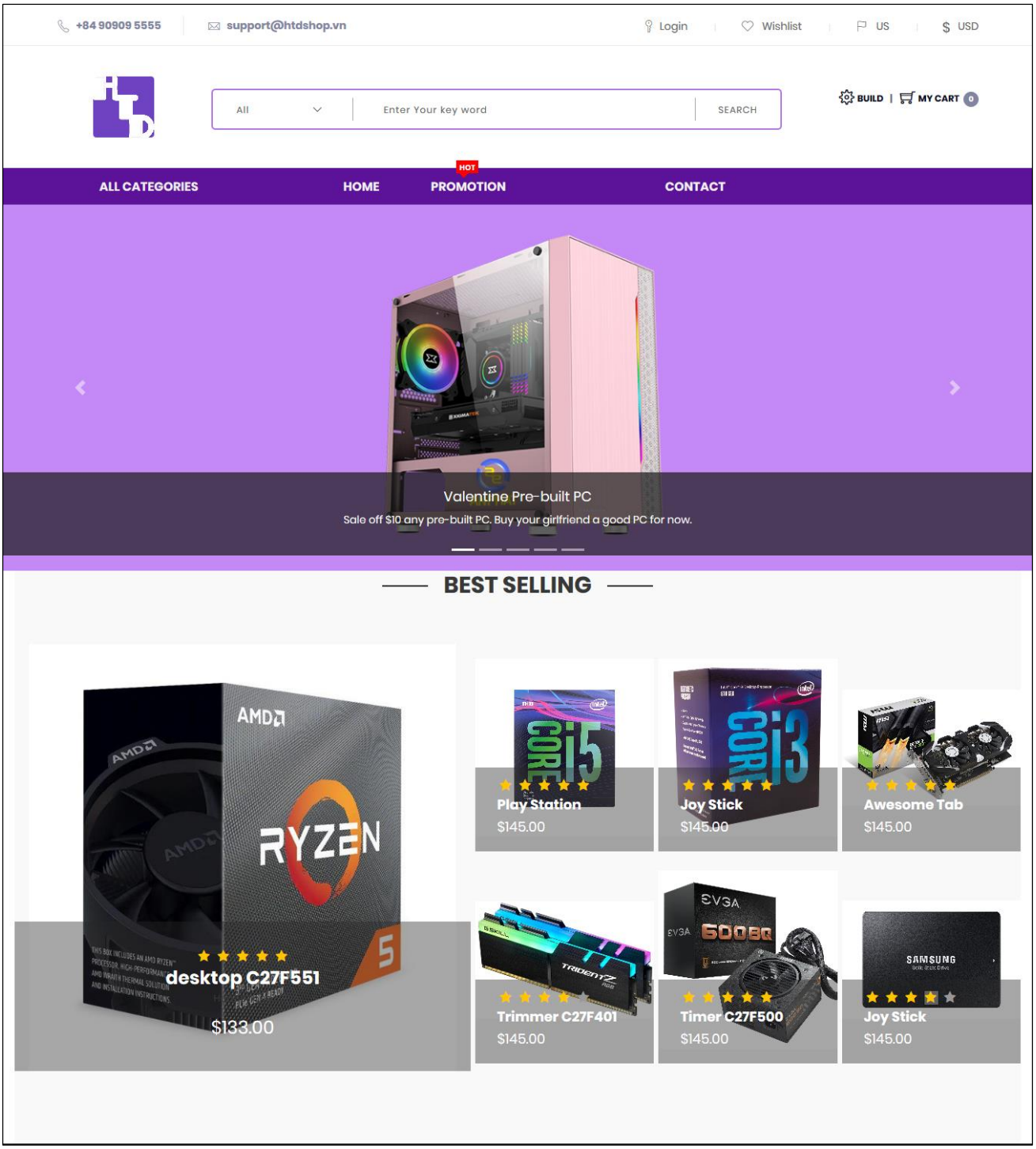
Supervisor: *TRAN DUC QUANG*
Semester: *04*
Batch No: *T1.1804.M1*
Group No: *03*

Order:	**Full name**	**Roll No.**
1.	*Nguyen Phan Hai Thien*	*Student1103012*
2.	*Vo Duc Dung*	*Student1106037*
3.	*Nguyen Phuoc Viet Hai*	*Student1102742*

***Month**: 2 **Year**: 2020*

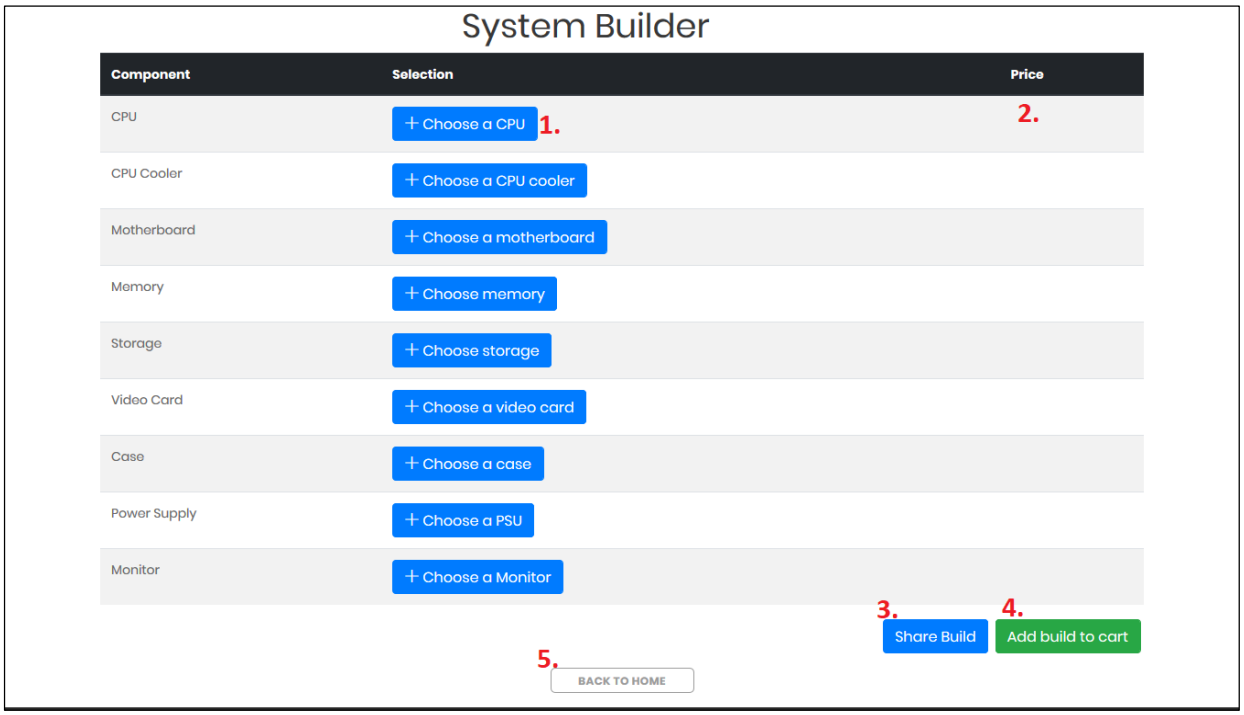
I – Customer / Guest

1. Interface



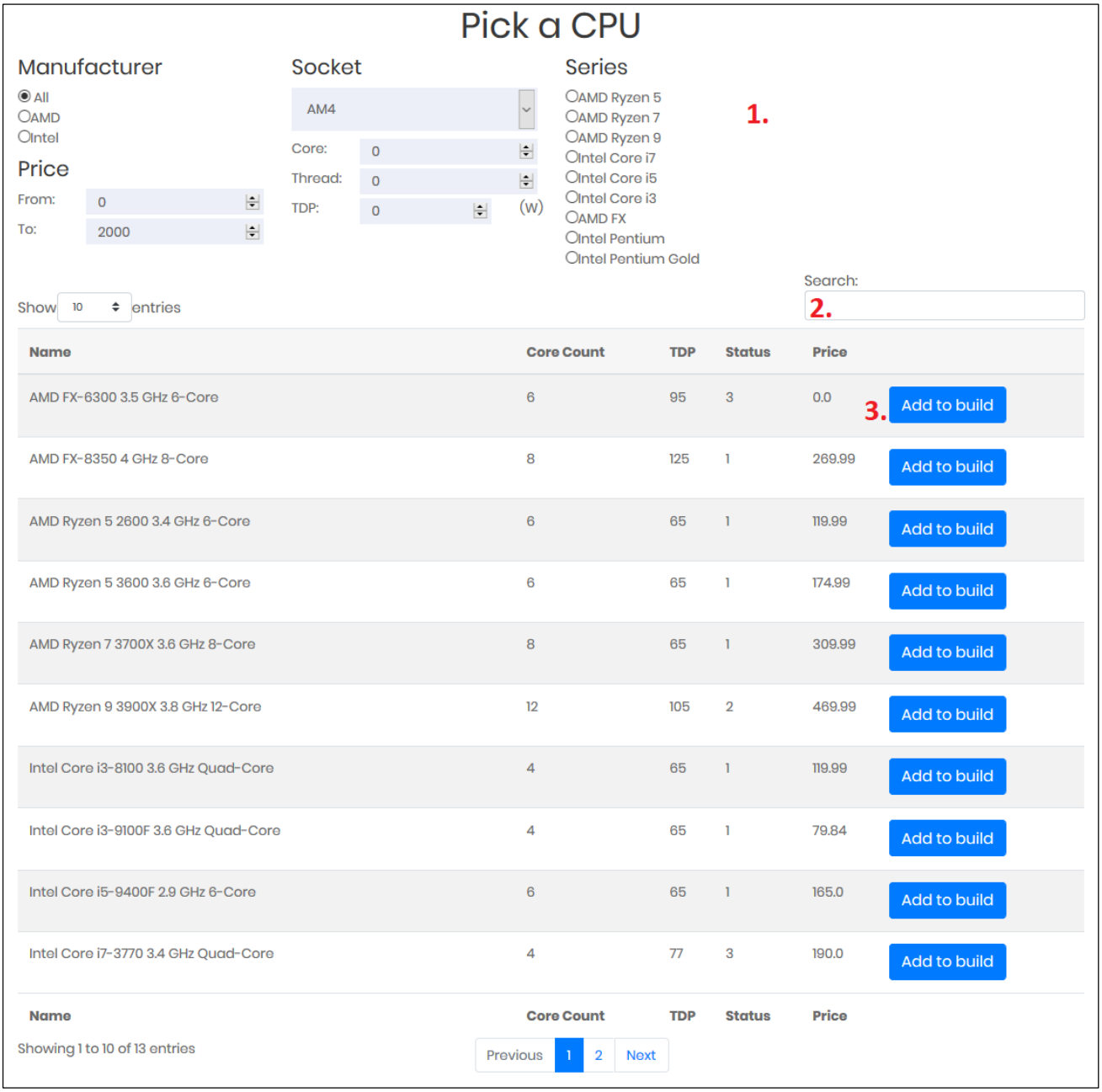
2. Build PC

a. At System builder page: *HTDShop-web/build*



1	Buttons to search for individual parts.
2	Price column of picked parts.
3	Share button for registered users.
4	Button to go back to the index page.

b. At individual part picker page:



An example of a part picker page. Here, users can filter through the desired part for their build. Each page will have this general layout: Search form (1), search box for filtered table (2), pick button to add to build (3).

Each picker page will feature different forms dedicated to appropriate parts:

- <u>CPU Filter Form:</u>

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.

Socket	Pick the desired CPU socket for the build.
TDP	Enter the desired wattage range for the part.
Core	Enter the desired amount of cores for the CPU.
Thread	Enter the desired amount of processing threads for the CPU
Series	Pick a line of product provided by the manufacturers.

- Motherboard filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Socket	Pick the desired CPU socket for the motherboard.
Chipset	Pick the desired chipset of the motherboard.
Memory Type	Select the memory type that the motherboard will use.
Form Factor	Select the form factor of the motherboard.

- GPU filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Chipset	Pick the desired chipset of the GPU.
Memory Type	Select the memory type of the GPU.
TDP	Enter the desired wattage range for the part.
Memory	Enter the range of RAM the GPU has.

- Memory(RAM) filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Memory Type	Select the memory type.
Memory	Enter the range of memory the RAM has.

Memory Modules	Number of RAM sticks the package has.

- Power Supply filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Form Factor	Select the form factor of the PSU.
Wattage	Enter the desired wattage the PSU can deliver.

- Storage filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Form Factor	Select the form factor of the drive.
Memory	Enter the amount of storage needed.
Storage Type	Select the type of storage drive.
Interface	Select the drive's interface.

- CPU Cooler filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Socket	Select the socket the cooler will support.

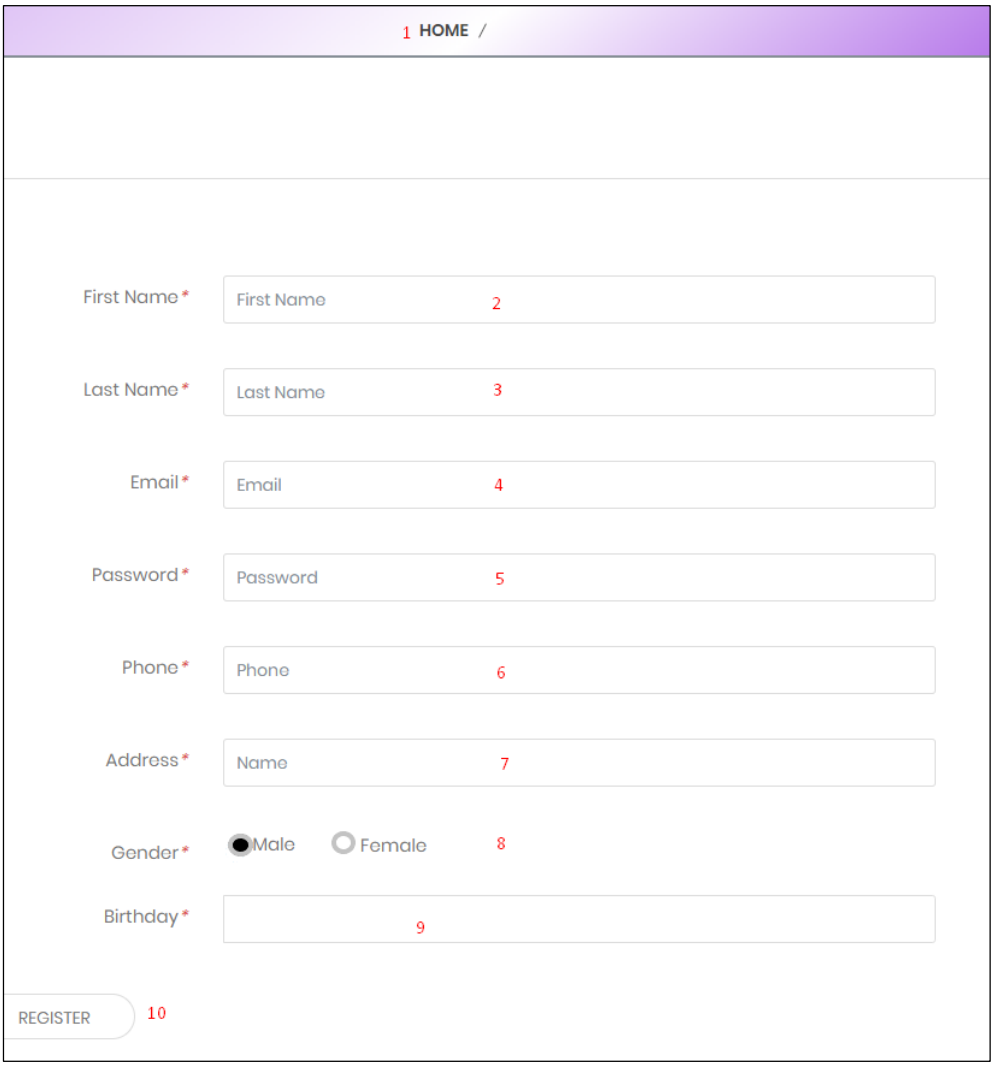
- Case filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Form Factor	Select the type of motherboard the case can support
PSU Form Factor	Select the type of power supply the case supports.

- Monitor filter form:

Manufacturer	Select desired part manufacturer or look up all.
Price	Enter the desired price range to look up.
Screen Size	Enter the desired screen size.
Resolution	Enter the desired screen resolution.

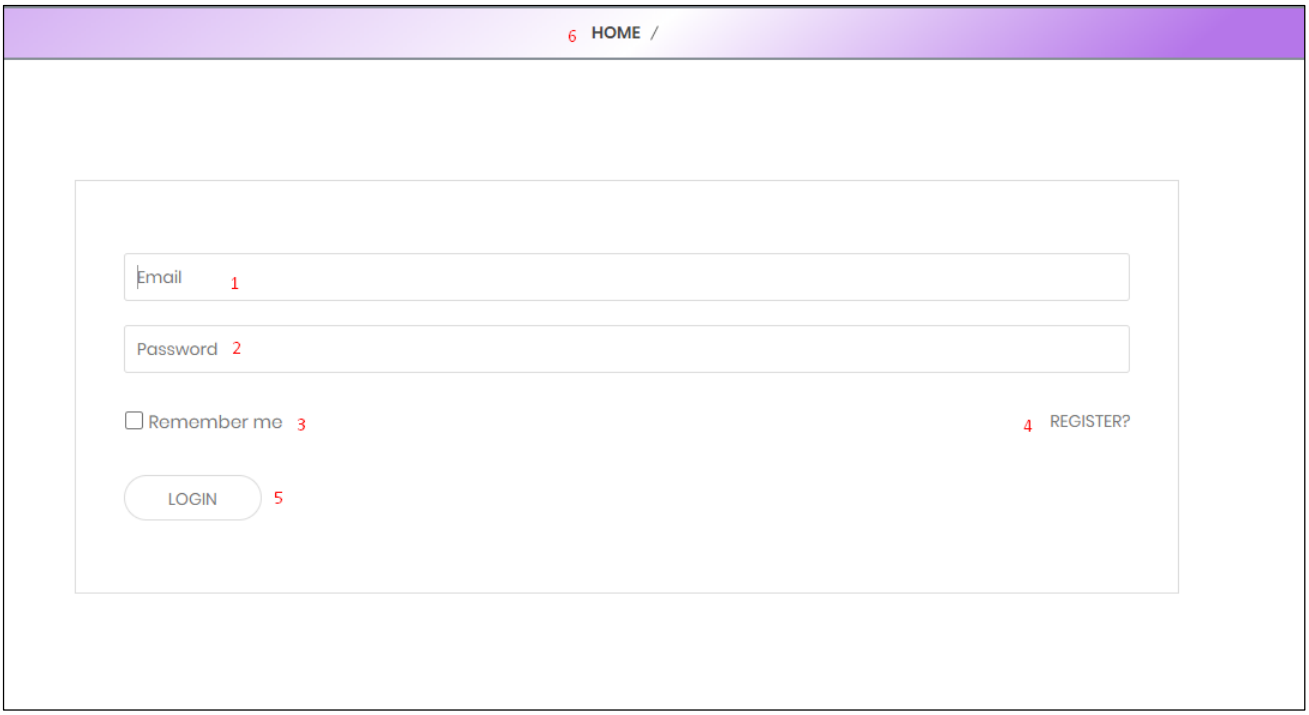
3. Register



1	Click **Home** button to redirect Home page
2	Enter your first name.
3	Enter your last name.
4	Enter your email.
5	Enter your password.
6	Enter your phone.
7	Enter your address.
8	Choose your gender.
9	Choose your birthday.
10	Click **Register button**

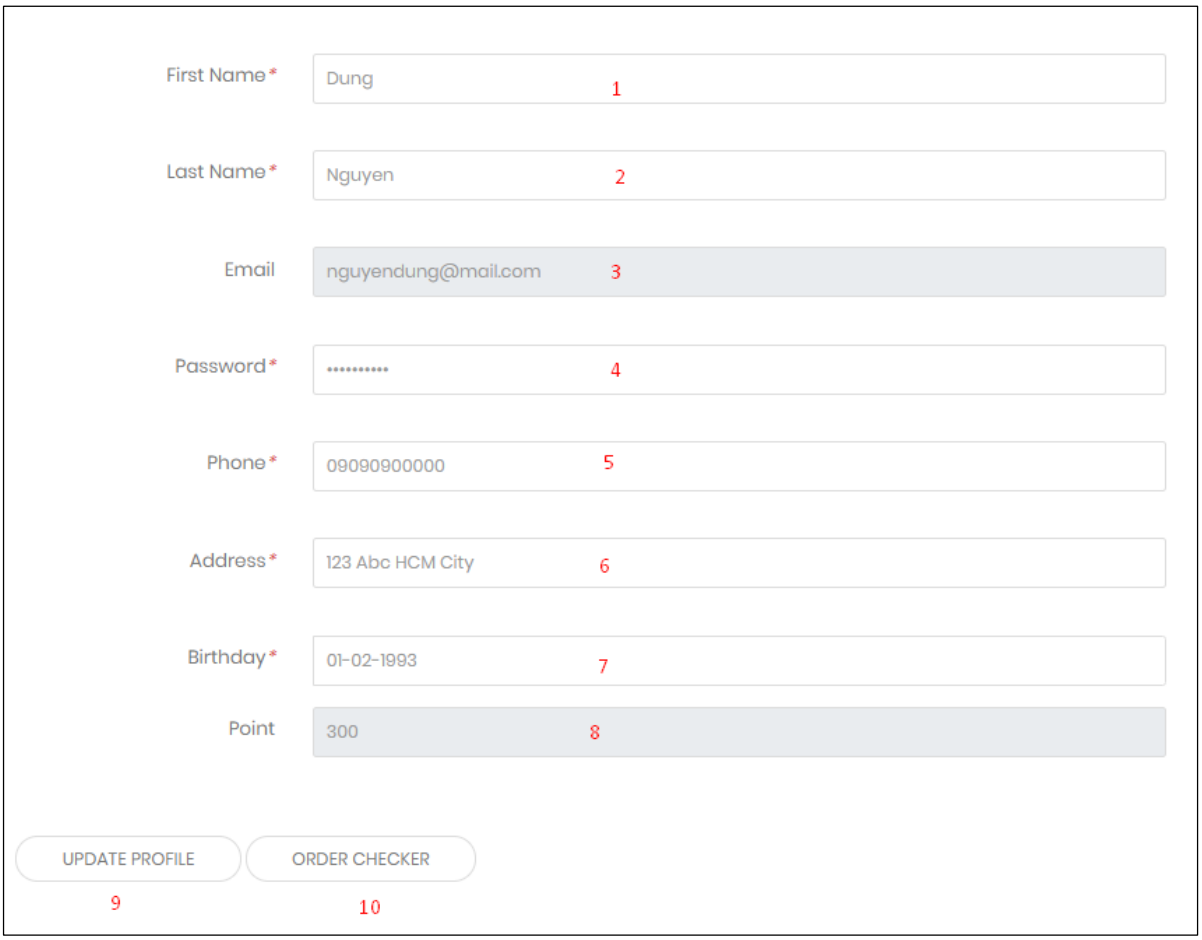
	+ If Create new account successful, you will redirect to **Login page** + If failed, show error

4. Login



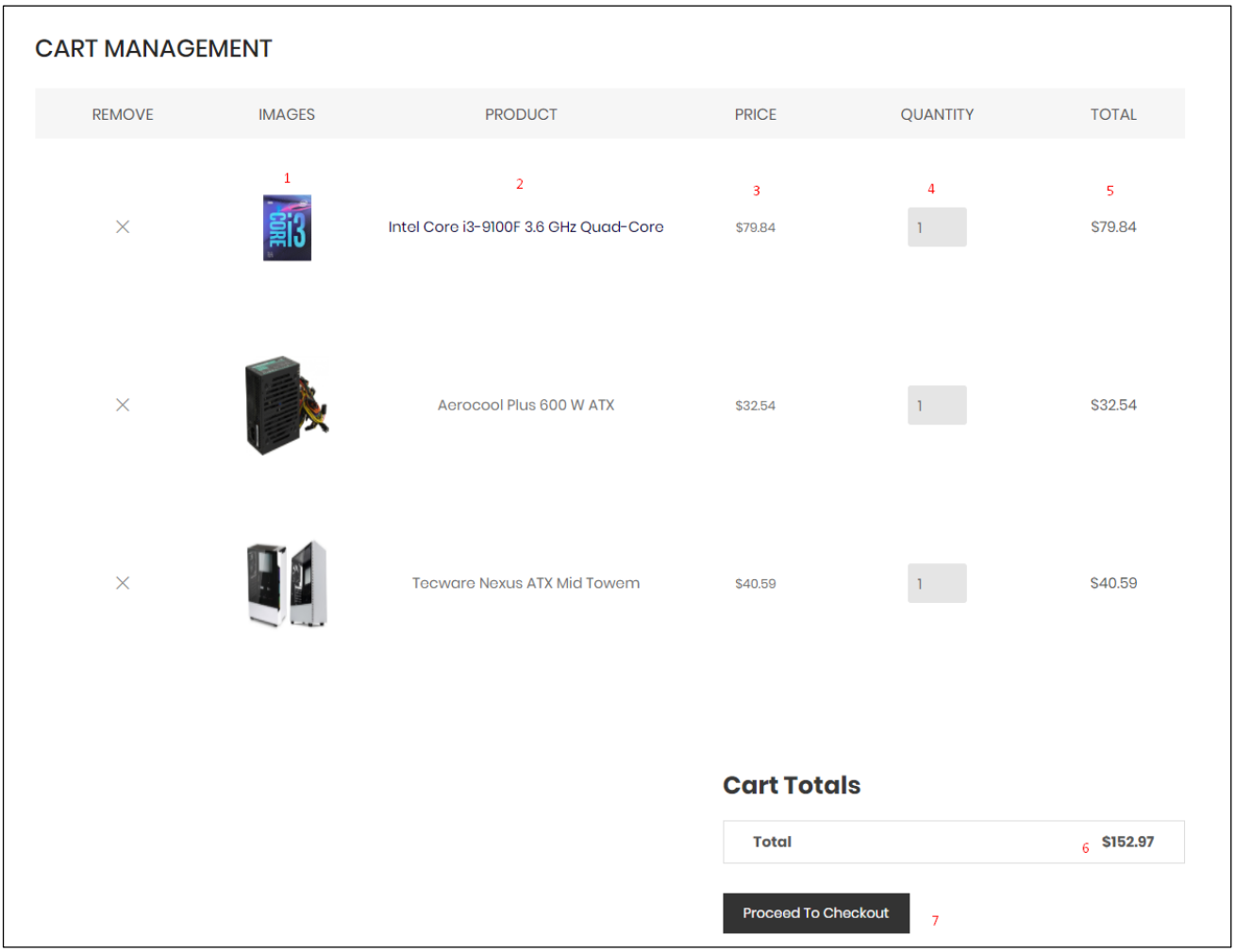
1	Enter your account's email.
2	Enter your account's password.
3	Check if you want to save cookie.
4	Click **Register** to redirect Register page if you don't have account login.
5	Click **Login** button. + If login successful, you will redirect to Home page + If login failed, show error
6	Click **Home** button to redirect Home page

5. Profile



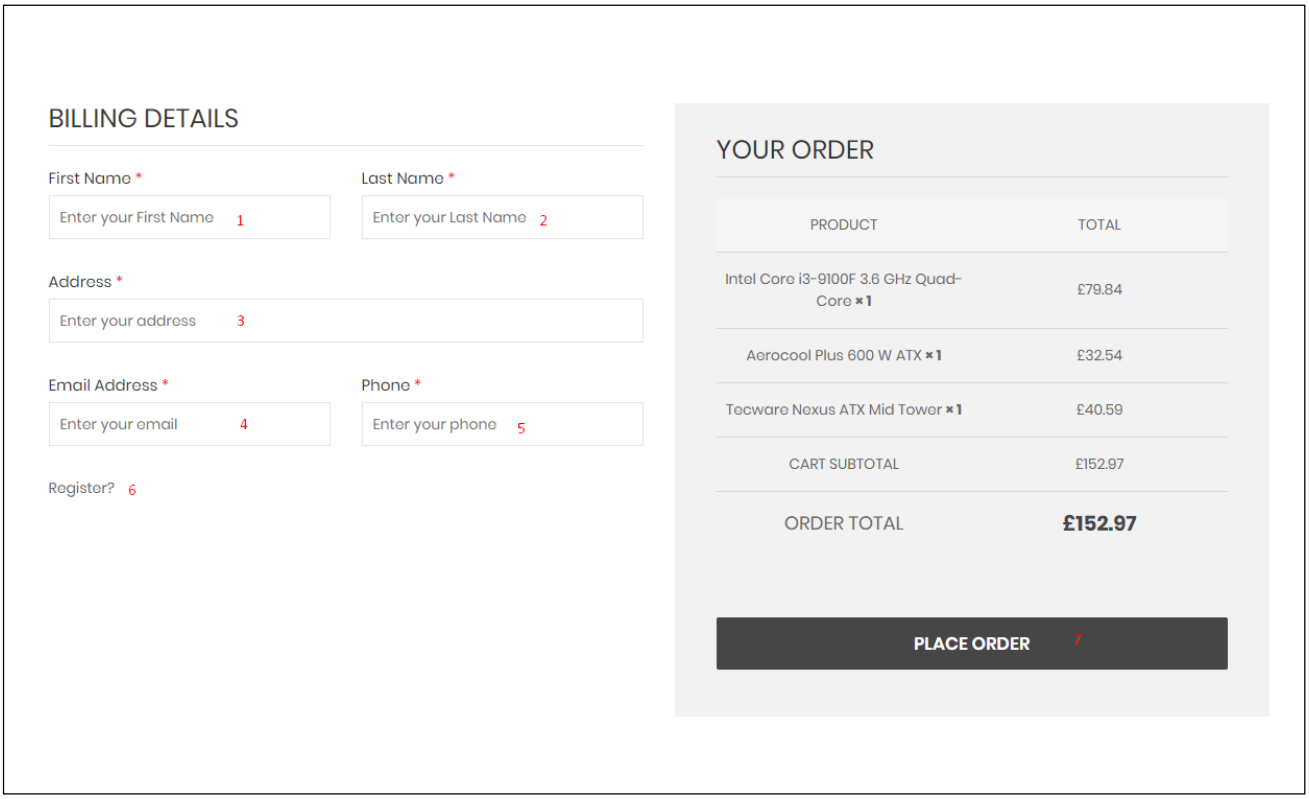
1	Enter your first name if you want to change this.
2	Enter your last name if you want to change this.
3	Your email can't change.
4	Enter your password if you want to change this.
5	Enter your phone if you want to change this.
6	Enter your address if you want to change this.
7	Enter your birthday if you want to change this.
8	Your point can't change.
9	Click **Update Profile button** if you change your detail.
10	Click **Order Checker** if you want to check your order and redirect to Order Checker page.

6. Cart management



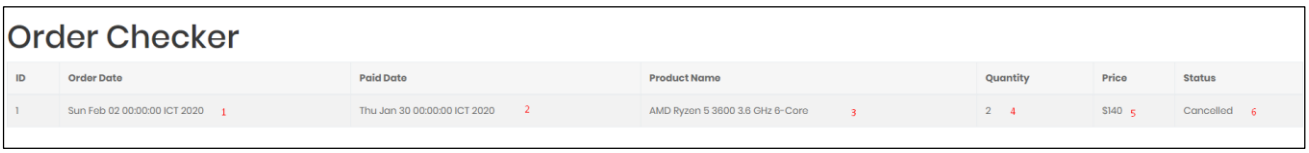
1	Show Product's image.
2	Show Product's Name.
3	Show Product's price.
4	Show Quantity you order this product.
5	Show Total price you order this product.
6	Show Total price your order.
7	Click **Proceed To Checkout button** to redirect Payment page.

7. Payment



1	Enter your First Name.
2	Enter your Last Name.
3	Enter your Address.
4	Enter your Email.
5	Enter your Phone.
6	Click **Register** if you want to create your account.
7	Click **Place Order button** to finish payment.

8. Order checker



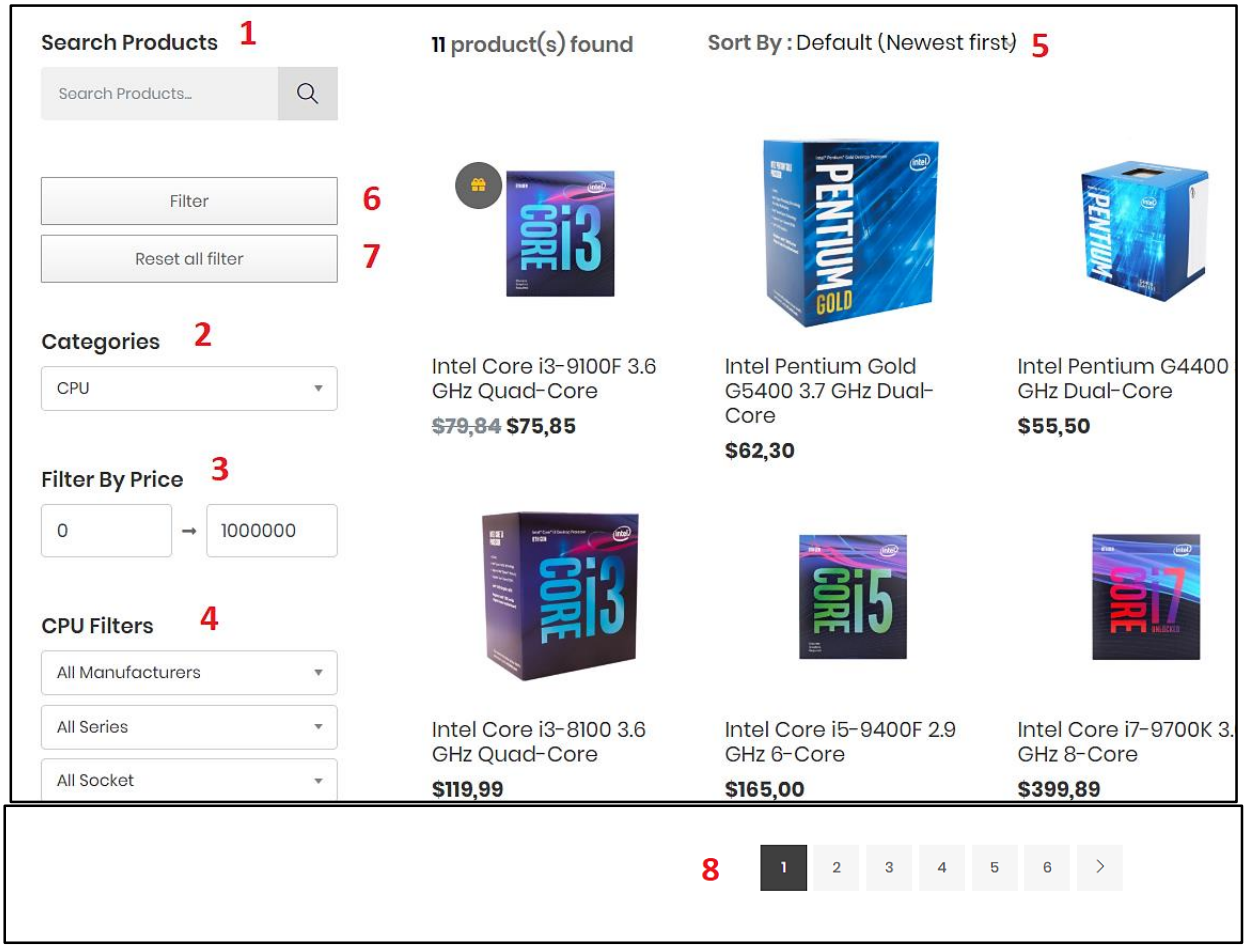
1	Show your order date.
2	Show your paid date.
3	Show Product Name you ordered.
4	Show Quantity you ordered.
5	Show your order's price.
6	Show your order's status

9. Search

a. From top menu's search bar

1	Choose category.
2	Enter keyword, leave it blank if you want to find all.
3	Then **press enter** or click **Search button**.

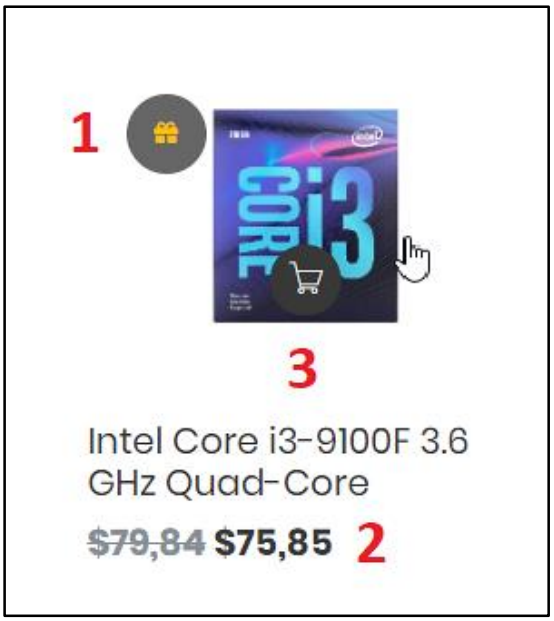
b. At search page: *http://localhost:8080/HTDShop-web/search*



1	Enter keyword at **Search Products** textbox.
2	Categories: when you choose any specific category, advanced filters will appear.
3	Price: minimum is 0 and maximum is 1.000.000.
4	Advanced filters: Manufacturer *(all)*, Series *(CPU)*, Socket *(CPU, Motherboard)*, Number of cores *(CPU)*, Chipset

	(Motherboard, GPU), Memory Type *(Motherboard, Memory, GPU)*, Form Factor *(Motherboard, PSU, Storage, Case)*, Interface *(GPU)*, Memory Modules *(Memory)*, Storage Type *(Storage)*, Resolution *(Monitor)*, Screen Size *(Monitor)*.
5	Sort: Default (newest first), Price low -> high, Price high -> low
6	Then click **Filter** button or press enter at **Search Products** textbox.
7	Click **Reset all filter** button to clear all filter.
8	In case, results have more than 12 products, you can select pages at bottom.

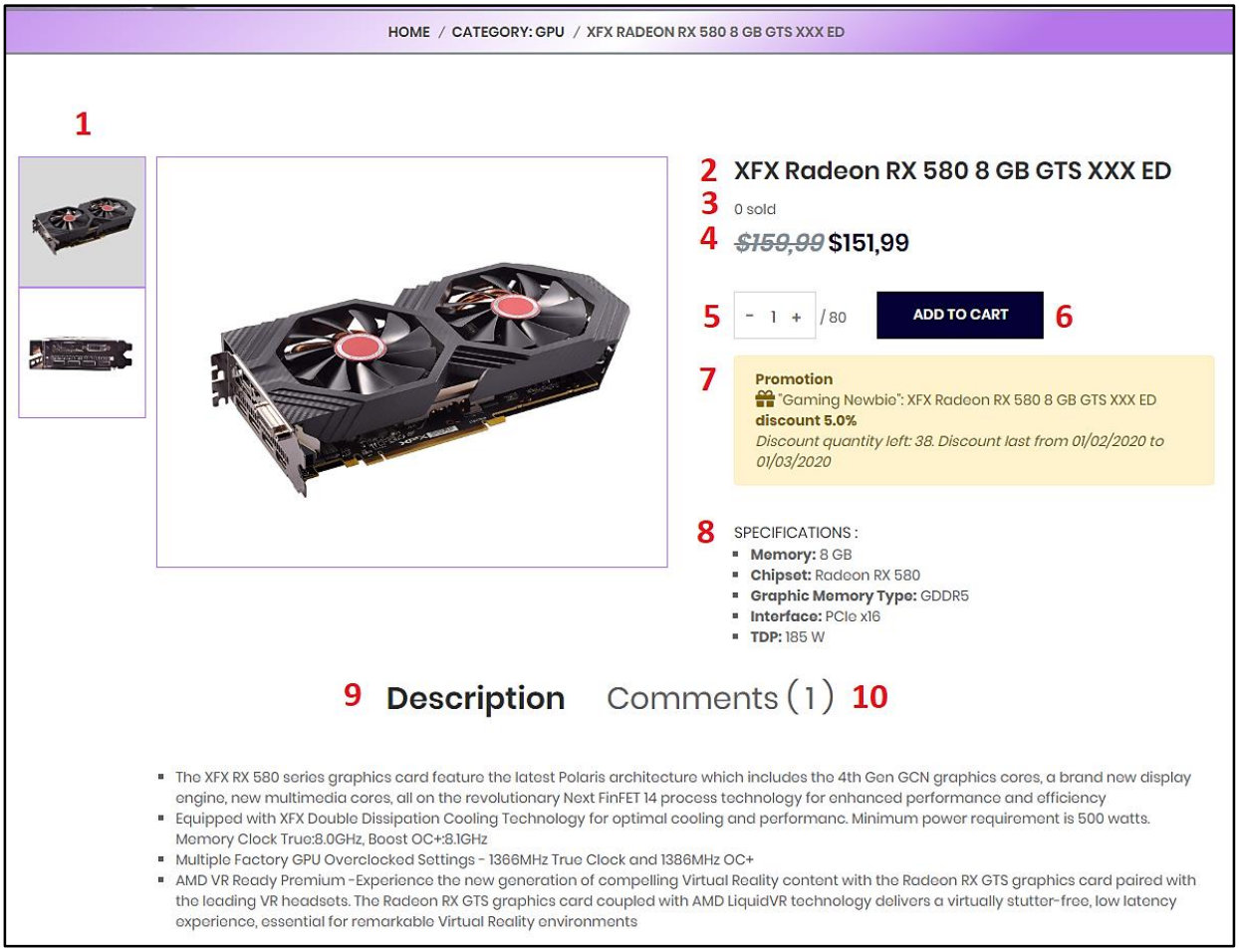
c. Quick detail while searching



1	Any products with promotion(s) will have gift icon at top-left.
2	And discount price will be shown next to original price.
3	You can quickly add to cart by hover the product, shoping cart icon will appear and click on it.

10. Product detail

a. Overview



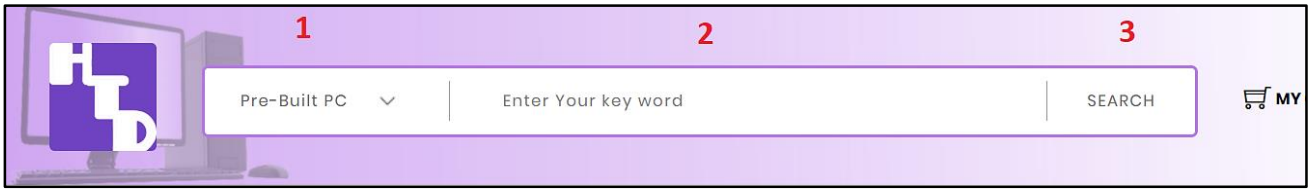
1	All product's image will be shown here as thumbnail. Click on it to view at the right.
2	Product's name.
3	Sold product's quantity.
4	Product's price. If discount exists, it's discounted price will be shown at the right and original price will have a strikethrough.
5	Enter quantity to add to cart
6	**Press enter** or click **Add to cart button** to add input quantity to cart.
7	All product's promotion will be shown here.
8	Product's specification. This will vary based on category.
9	Description tab, click here to show description
10	Comments tab, click here to show comments

b. Comments

1	Comments will have yellow background.
2	Any reply to comments will be shown below it's comment and have white background.
3	This comment box will be shown if user is logged in. **Input comment** and then **press enter** or **click comment button** at the right to submit comment.
4	This reply box will be shown if user is logged in. **Input reply** and then **press enter** or **click reply button** at the right to submit reply.

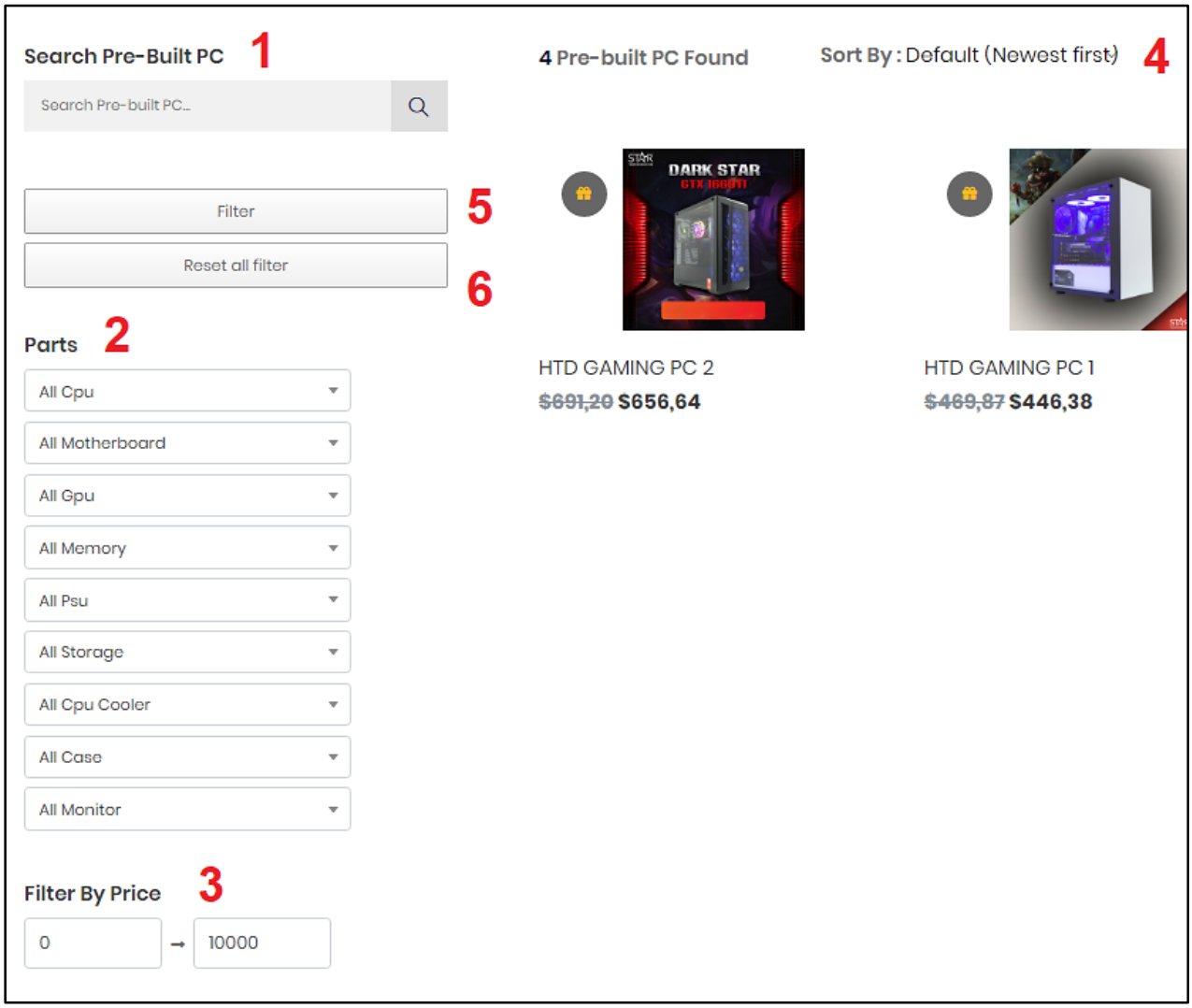
11. Search pre-built PC

a. From top menu's search bar



1	Choose category as **Pre-Built PC**.
2	Enter keyword, leave it blank if you want to find all.
3	Then **press enter** or click **Search button**.

b. At search page: *http://localhost:8080/HTDShop-web/prebuilt/search*



1	Enter keyword at **Search Pre-Built PC** textbox.
2	Parts: customer choose their desired parts here.

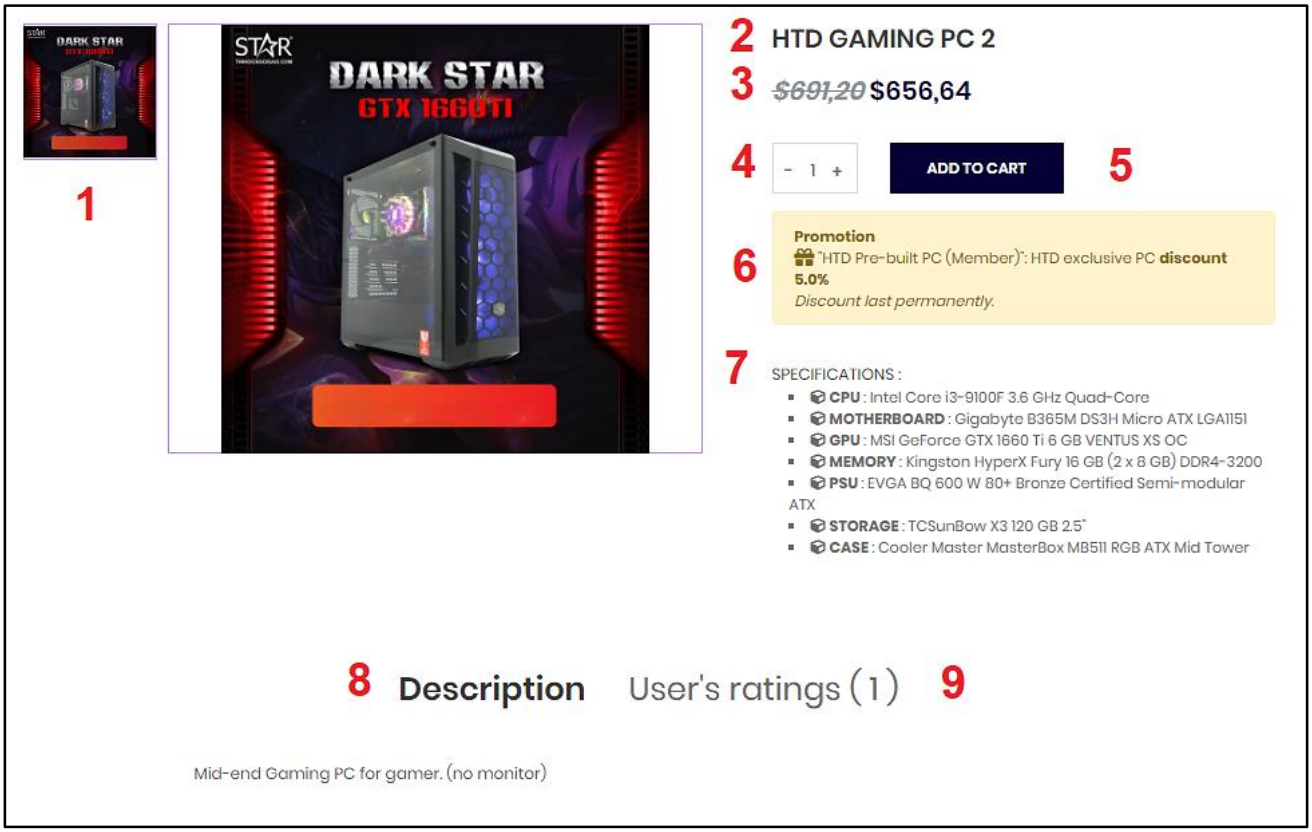
3	Price: minimum is 0 and maximum is 1.000.000.
3	Sort: Default (newest first), Price low -> high, Price high -> low
5	Then click **Filter** button or press enter at **Search Products** textbox.
6	Click **Reset all filter** button to clear all filter.
7	In case, results have more than 12 pre-built PC, you can select pages at bottom.

c. Quick detail while searching

1	Any pre-built PC with promotion(s) will have gift icon at top-left.
2	And discount price will be shown next to original price.
3	You can quickly add to cart all part by hover the pre-built PC, shoping cart icon will appear and click on it.

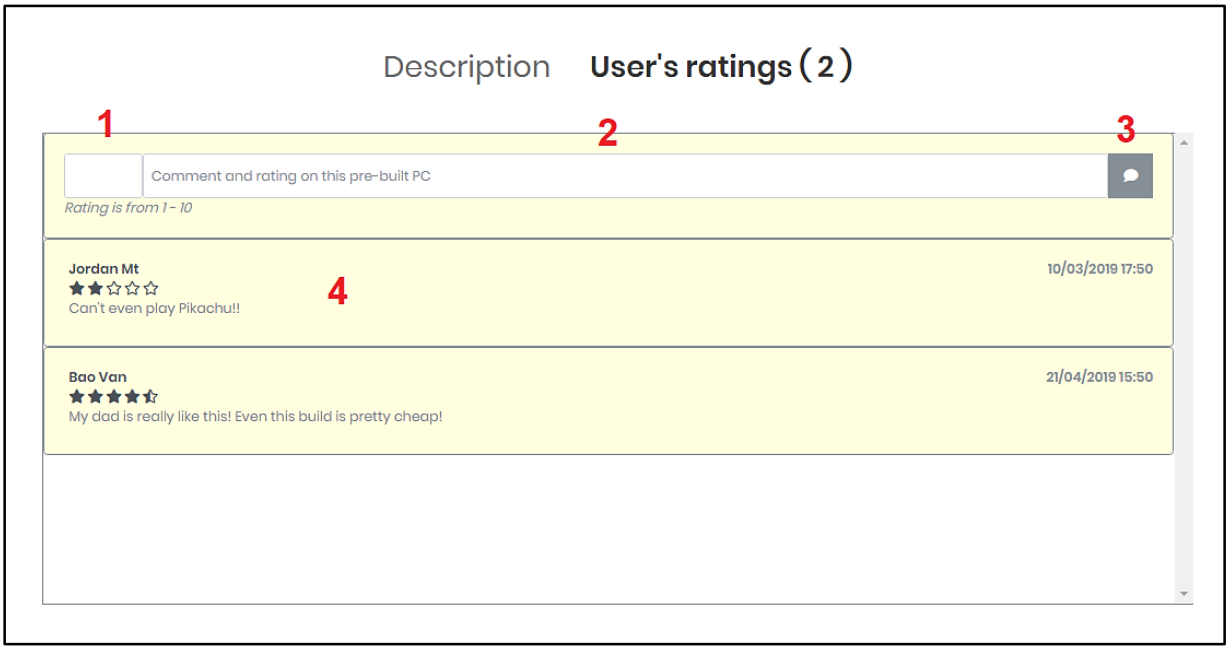
12. Pre-built PC detail

a. Overview



1	All pre-built PC's image will be shown here as thumbnail. Click on it to view on the right.
2	Pre-built PC's name.
3	Pre-built PC's total parts price. If discount exists, it's discounted price will be shown at the right and original price will have a strikethrough.
4	Enter quantity to add to cart
5	**Press enter** or click **Add to cart button** to add input quantity to cart.
6	All pre-built PC's promotion will be shown here.
7	Prebuilt's parts specification and link to its product page.
8	Description tab, click here to show description
9	Comments tab, click here to show comments with rating

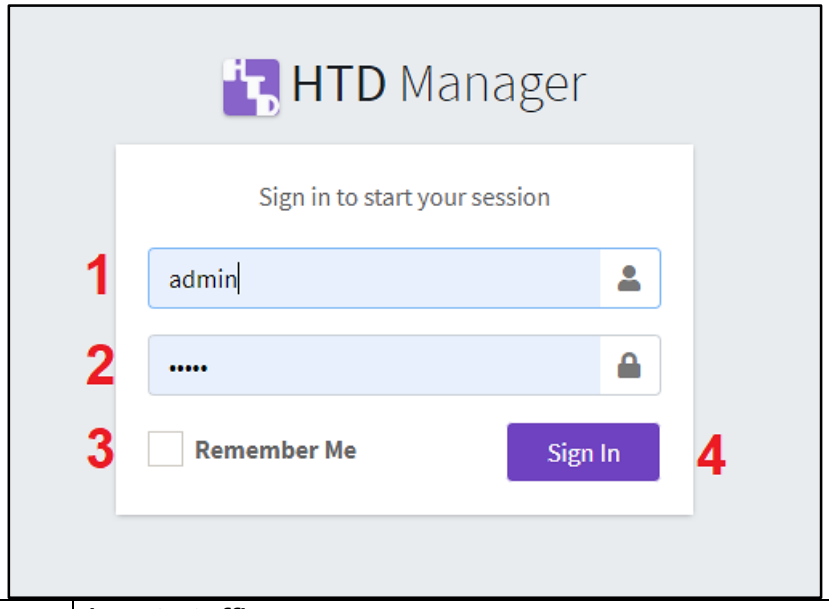
b. Comments and Ratings



1	Input rating here. From 1 – 10.
2	Input comment here.
3	Press **enter** or **click comment button** at the right to submit the content.
4	All ratings and comments will be show below.

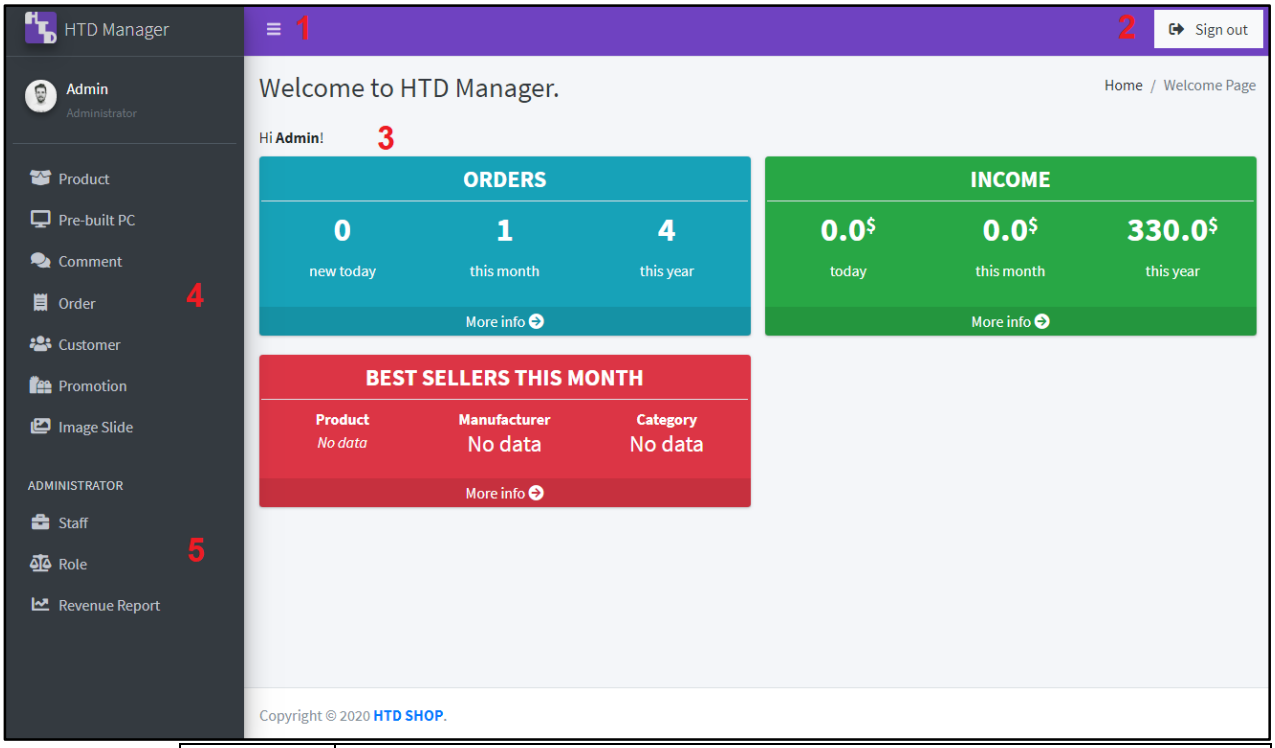
II – Administrator / Staff

1. Login



1	Input staff's username
2	Input staff's password
3	Click here if you want to save login state on current PC.
4	Click **Sign In** button or **press enter** to submit login info.

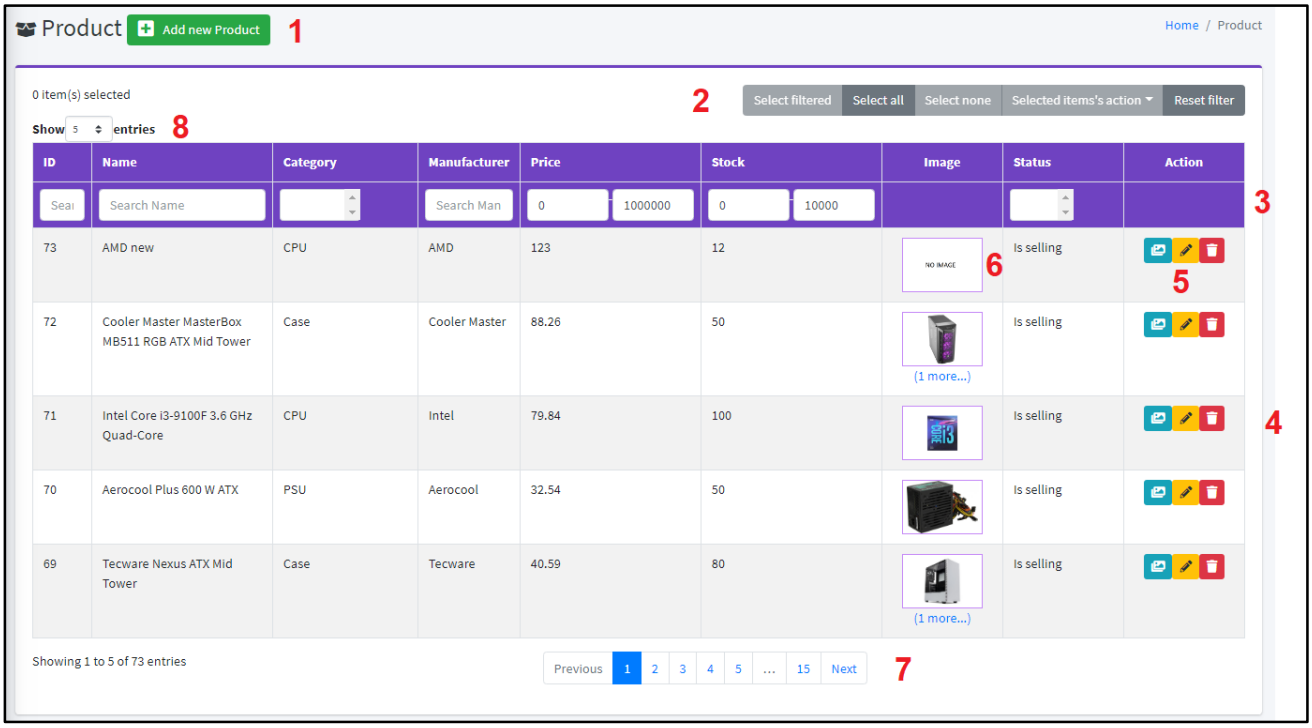
2. Interface



1	Click here to hide sidebar.
2	Click **Sign out** button to sign out.
3	Statistic will be shown in front page, as this will be varied based on role.
4	Staff's function.
5	Admin's function.

3. Product

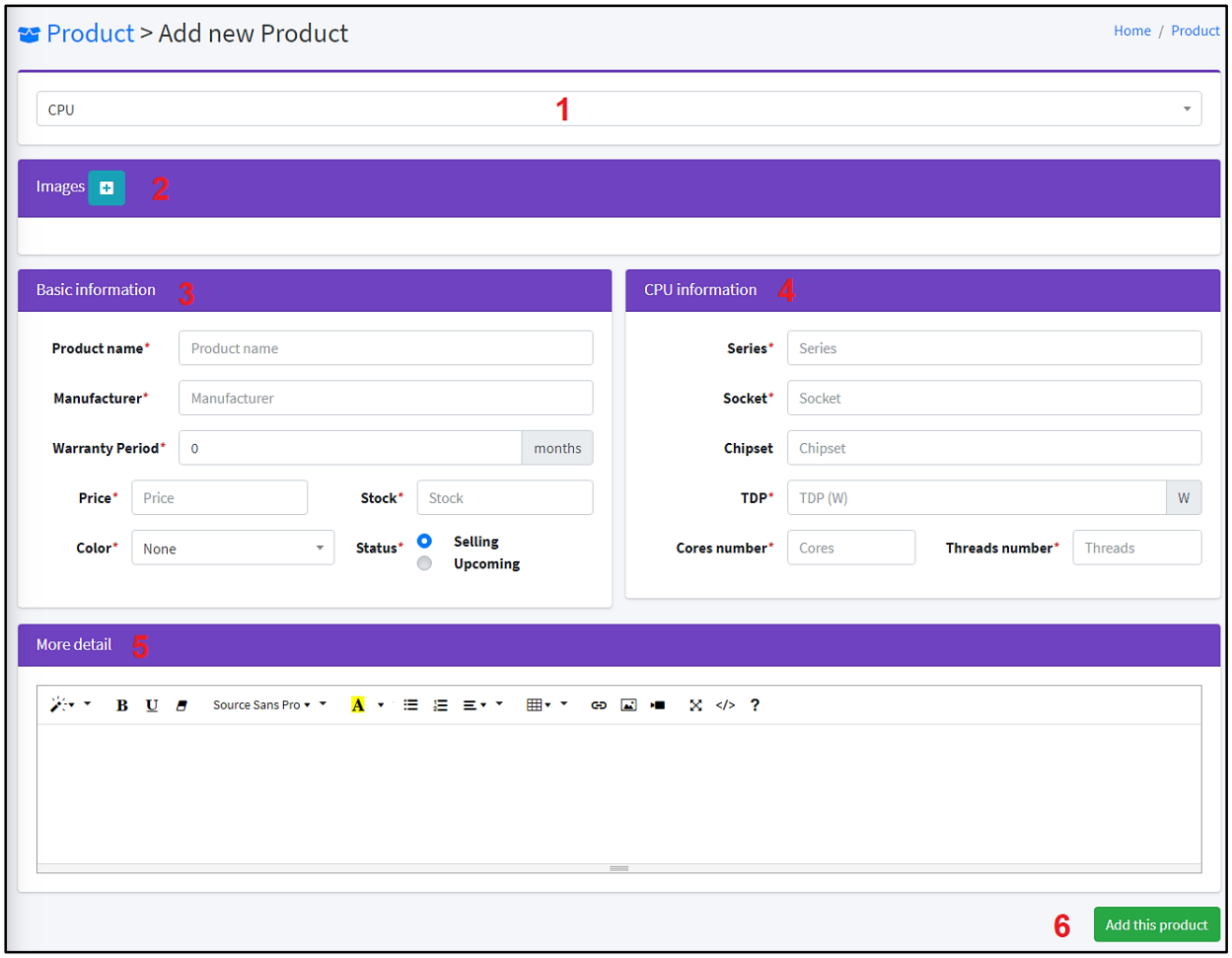
a. View



1	Click **Add new Product** to go to add product page.
2	Actions with selected items: + Select filtered: select all filtered items. + Select all: select any all items. + Select none: de-select all items. + Selected items's action: You can enable or disable selected items here. + Reset filter: Reset all filter.
3	Filters: + ID: enter product's id to filter. + Name: enter product's name to filter. + Category: enter or click and choose multiple category here. + Manufacturer: Enter manufacturer to filter. + Price: minimum is 0, maximum is 1.000.000 + Stock: minimum is 0, maximum is 10000 + Status: enter or click and choose multiple status here.
4	Result table: + Enabled items will have white background, disabled items will have gray background and upcoming items will have teal background. + Click on any item to select it. + Press **Ctrl + click on items** to select multiple items. + **Click on first item**, **press Shift** and **click on second item** to select any items from first -> last item.

5	Current row's action: + View image: go to product's image. + Edit: go to product edit page. + Delete: delete product.
6	Product image: + If product have no images, click to go to product's image page. + If product have at least 1 image, click on image to enlarge image. + If product have more than 1 image, click on **(..more..)** to go to product's image page.
7	Paging
8	Select how many result will be shown on 1 page.

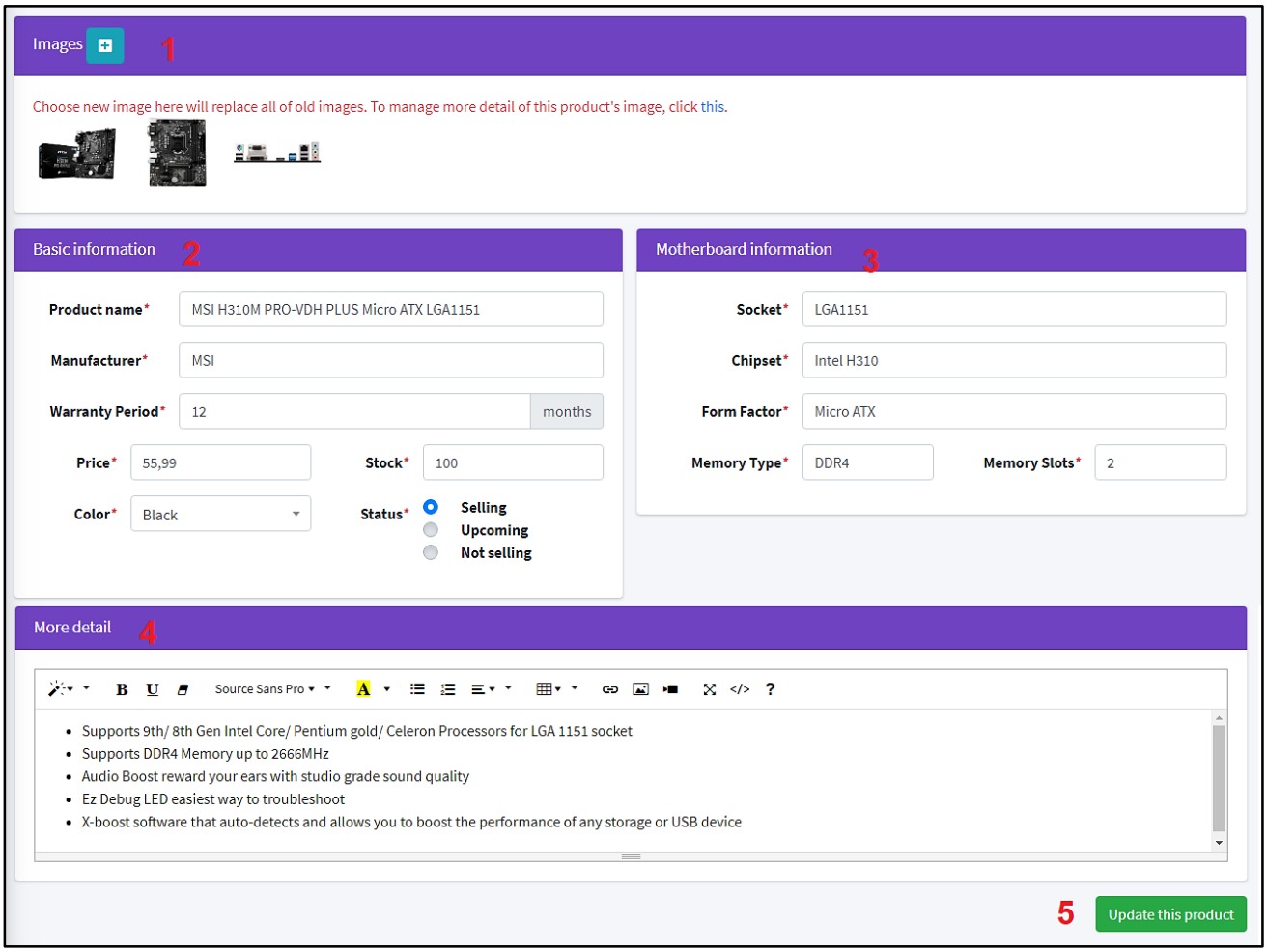
b. Add



1	Choose product's category
2	Choose image, maximum 10 images.
3	Enter basic information. Any field with * marked is required.

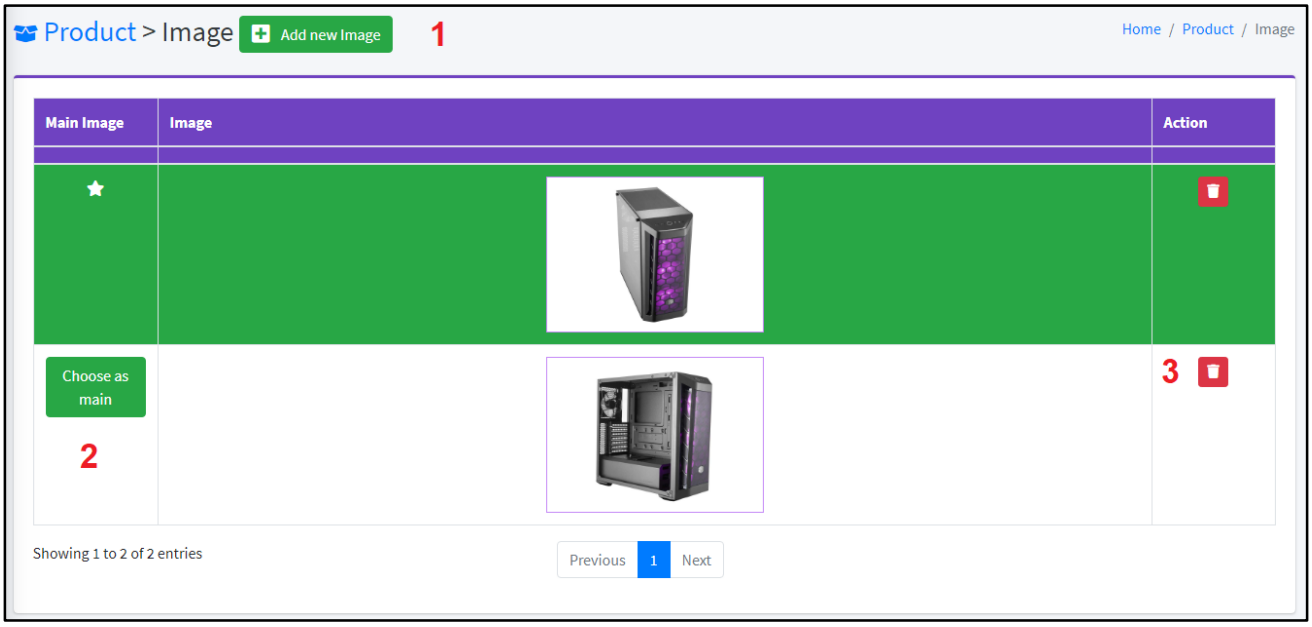
4	Enter category's specific information. Any field with * marked is required.
5	Enter more detail. Here you can have basic text format like bold, italic, font, images, table,…
6	Click **Add this product** button to add.

c. Edit



1	Choose image, maximum 10 images.
2	Enter basic information. Any field with * marked is required.
3	Enter category's specific information. Any field with * marked is required.
4	Enter more detail. Here you can have basic text format like bold, italic, font, images, table,…
5	Finally, click **Update this product** button to edit.

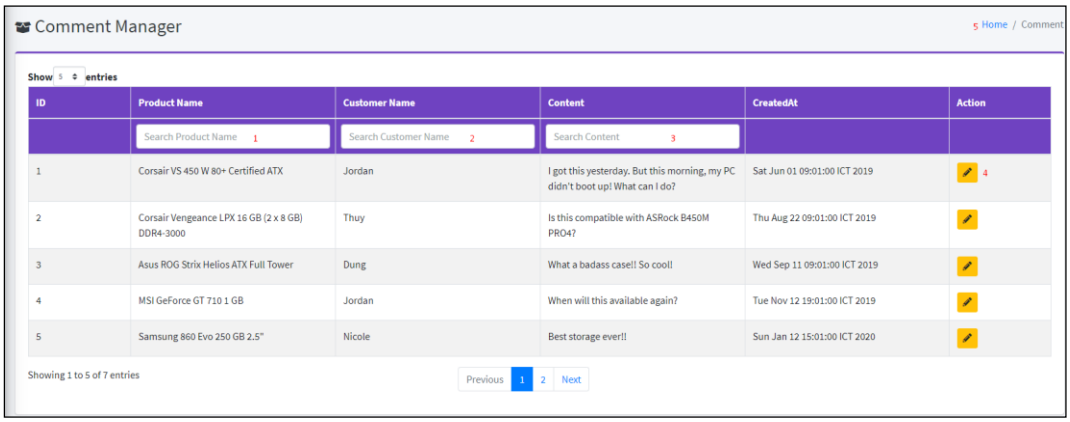
4. Product image



1	Click **Add new Image** and File open dialog will be shown. Choose images, then click **Open** to upload all.
2	Click **Choose as main** button to choose this image as main image. Main image will have green background in list. Main image will be shown first and will represent image for product.
3	Click to delete image.

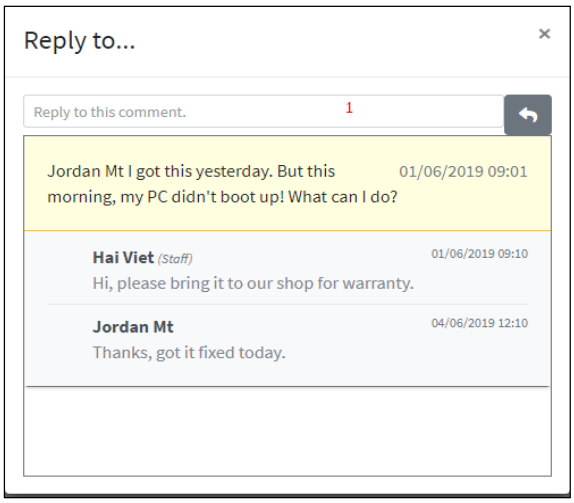
5. Comment

a. View



1	Enter keyword at Search Comment by Product Name.
2	Enter keyword at Search Comment by Customer Name
3	Enter keyword at Search Comment by Product Name
4	Click **Reply Button** to Reply this comment
5	Click **Home** to redirect **Admin page**

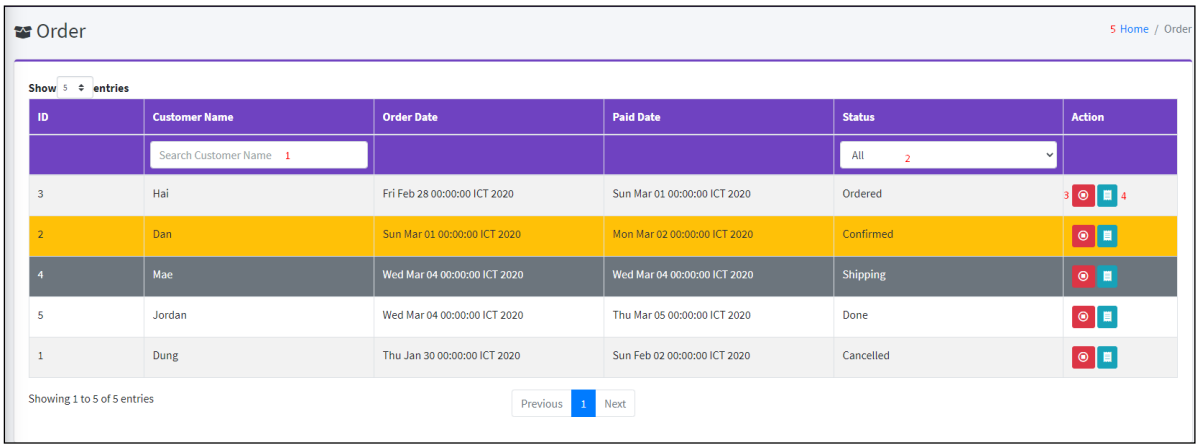
b. Reply



1	Enter your reply comment

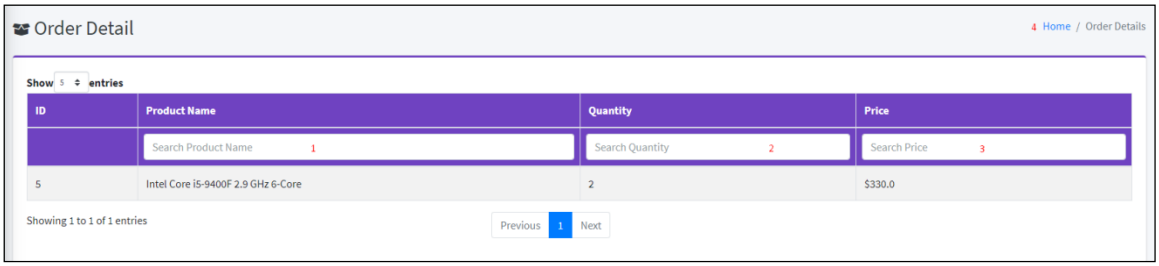
6. Order

a. View



1	Enter keyword at Search Order by Customer Name.
2	Select keyword at Search Order by Order Status
3	Click **Cancelling button** when order cancelling
4	Click **Details button** to redirect Order Detail page
5	Click **Home** to redirect **Admin page**

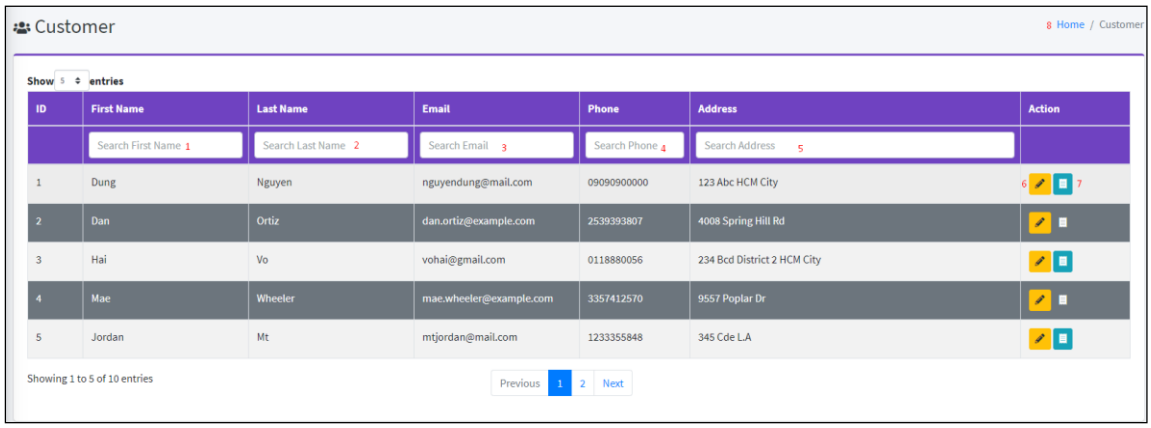
b. Order Detail



1	Enter keyword at Search Order Detail by Product Name.
2	Enter keyword at Search Order Detail by Quantity.
3	Enter keyword at Search Order Detail by Price.
4	Click **Home** to redirect **Admin page**

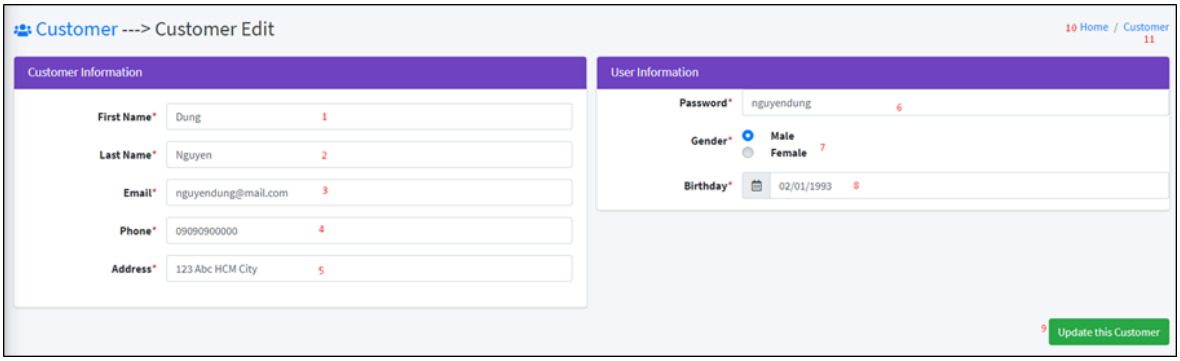
7. Customer

a. View



1	Enter keyword at Search Customer by First Name.
2	Enter keyword at Search Customer by Last Name.
3	Enter keyword at Search Customer by Email.
4	Enter keyword at Search Customer by Phone.
5	Enter keyword at Search Customer by Address.
6	Click **Edit button** to redirect Customer Edit page
7	Click **Detail button** to redirect User Detail page + Button enable when customer registed. + Button disable when customer didn't registed
8	Click **Home** to redirect **Admin page**

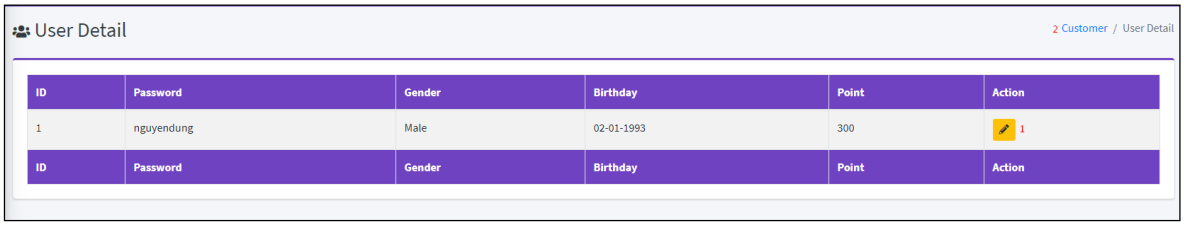
b. Edit



1	Enter new Customer's First Name.
2	Enter new Customer's Last Name.
3	Enter new Customer's Email.
4	Enter new Customer's Phone.
5	Enter new Customer's Address.
6	Enter new Customer's password.
7	Select new Customer's Gender.
8	Select new Customer's Birthday.

9	Click **Update this customer button** to finish update
10	Click **Home** to redirect **Admin page**
11	Click **Customer** to redirect **Customer page**

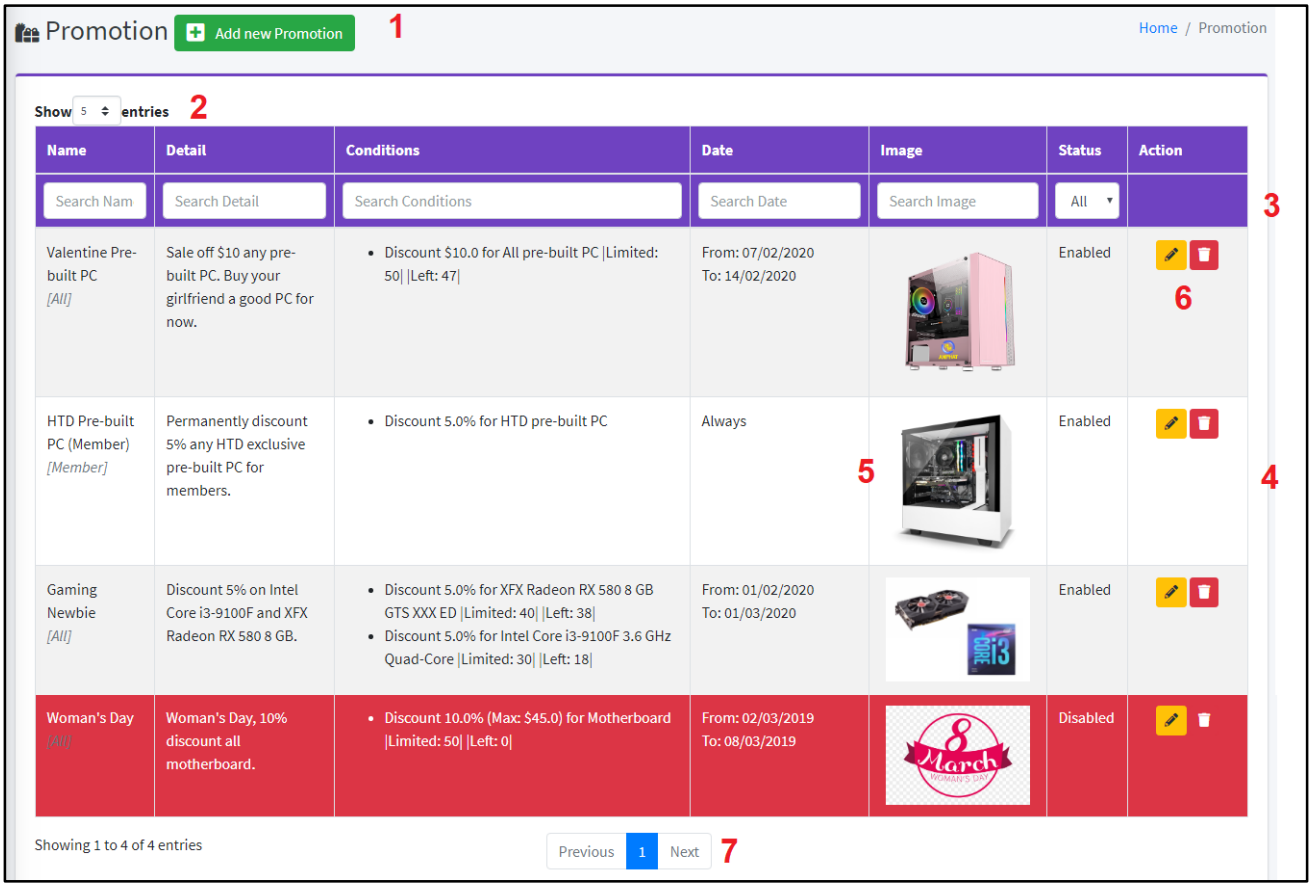
c. User Detail



1	Click **Edit button** to redirect Customer Edit page
2	Click **Customer** to redirect **Customer page**

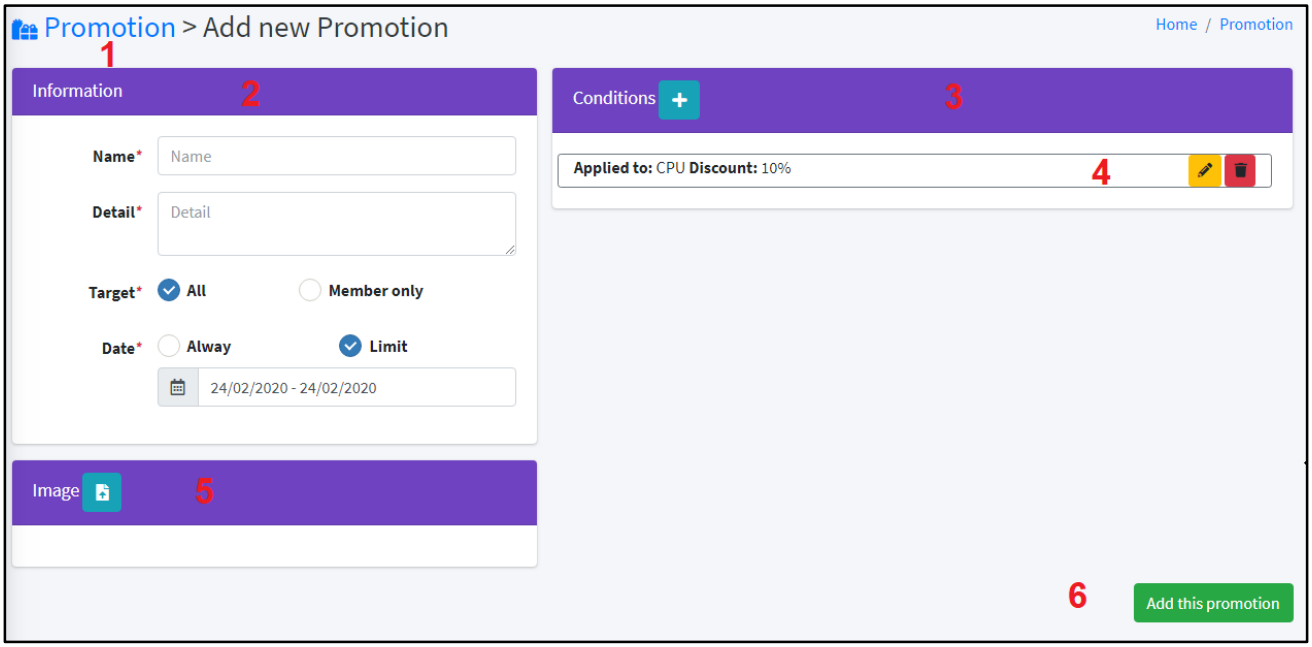
8. Promotion

a. View



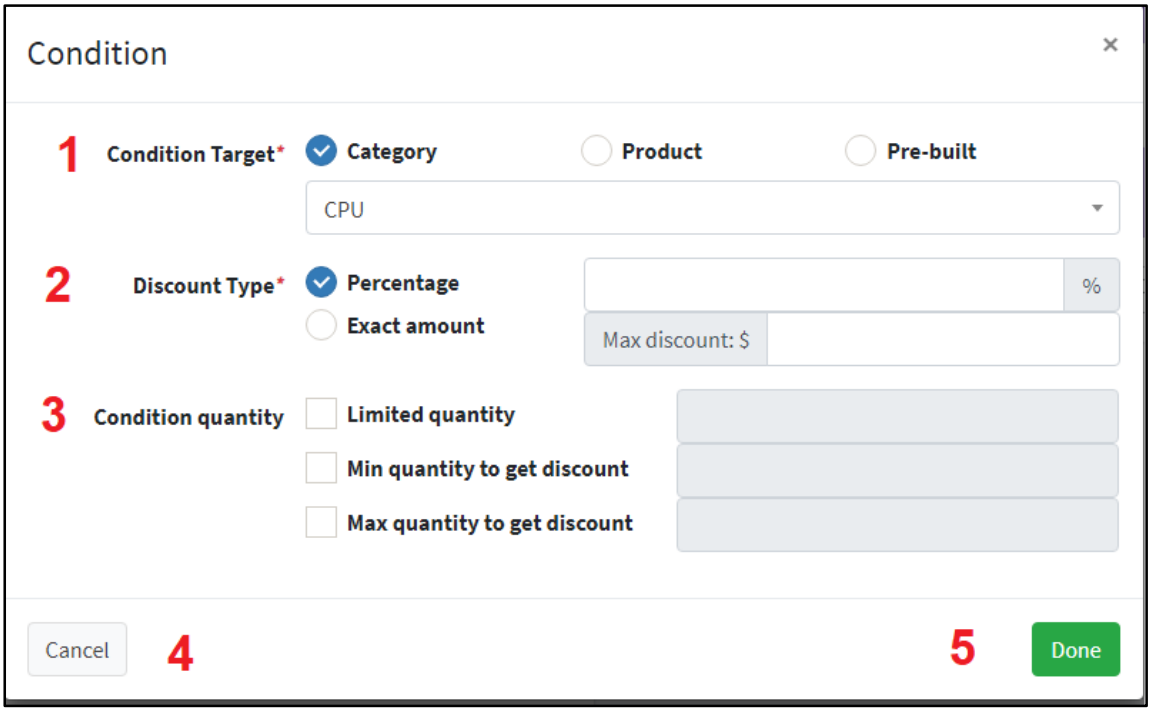
1	Click **Add new Promotion** to go to promotion add page.
2	Select how many result will be shown on 1 page.
3	Filters for promotion.
4	Result table.
5	Click on image to enlarge (open in modal).
6	Actions: + Click **Edit button**, to edit promotion. + Click **Delete button**, to delete promotion.
7	Table's paging

b. Add



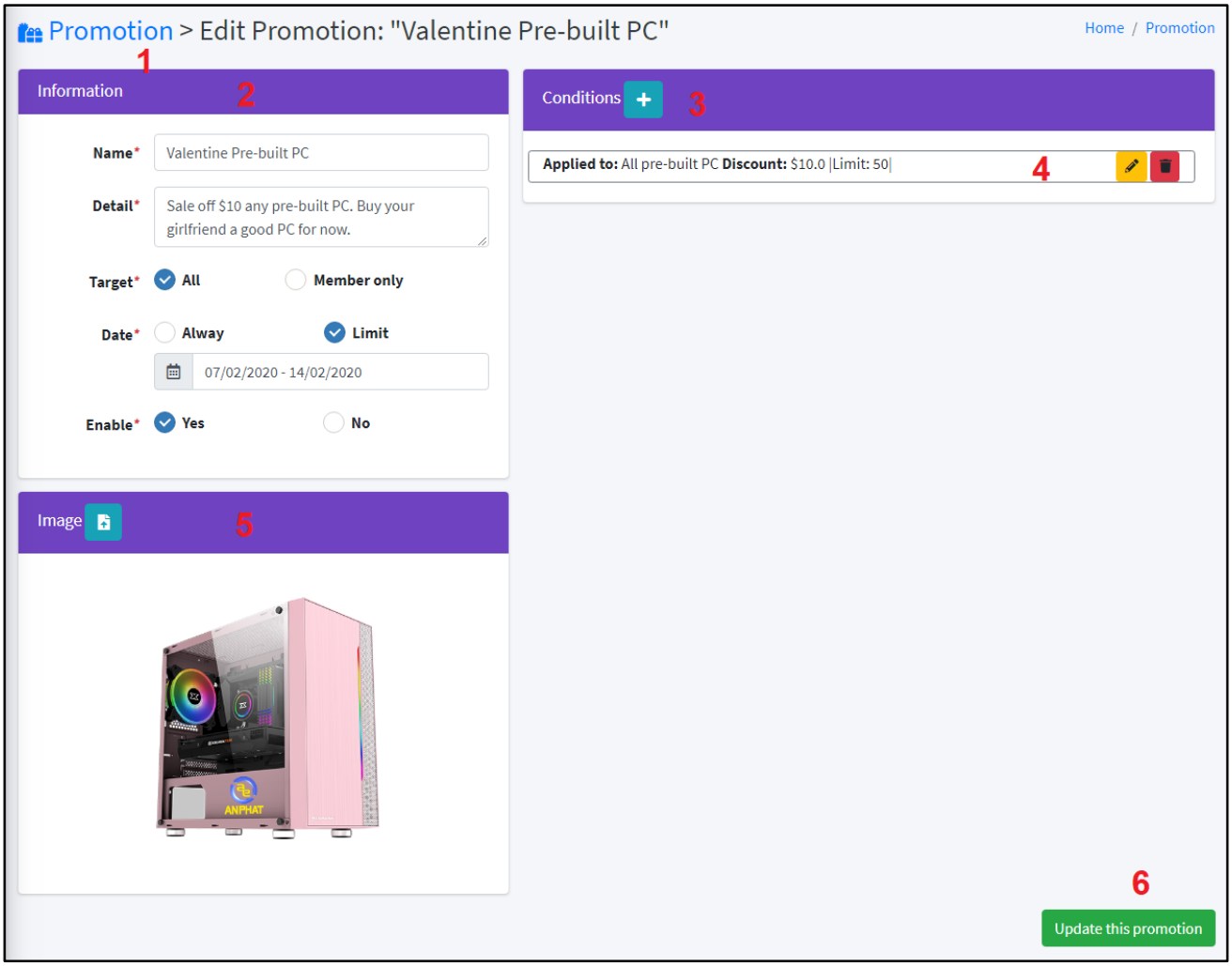
1	Click **Promotion link** to get back in list.
2	Enter basic information. Fields with (*) is required. + Target: All (member and guest) or Member only + Date: Alway (promotion is permanently until mannually disabled), Limit (set start date and end date for promotion)
3	Click **(+)** to add conditions.
4	Conditions list: + Click **Pencil icon** to edit. + Click **Trash bin icon** to delete.
5	Click to choose image to upload. Limit 1 image.
6	After input all information, click **Add this promotion** button to add.

c. Add / Edit conditions



1	Condition Target: + Category + Product + Pre-built PC Then, choose specific item in combobox.
2	Discount Type: + Percentage (%) and optionally enter Max discount. + Exact amount
3	Quantity: + Limited quantity: limited number of products / category / pre-built PC to get discount. + Min quantity to get discount: must have at least this quantity to get discount. + Max quantity to get discount: must have quantity equals to or below this quantity to get discount.
4	Click **Cancel button** to cancel adding / editing condition.
5	Click **Done button** to add / edit condition.

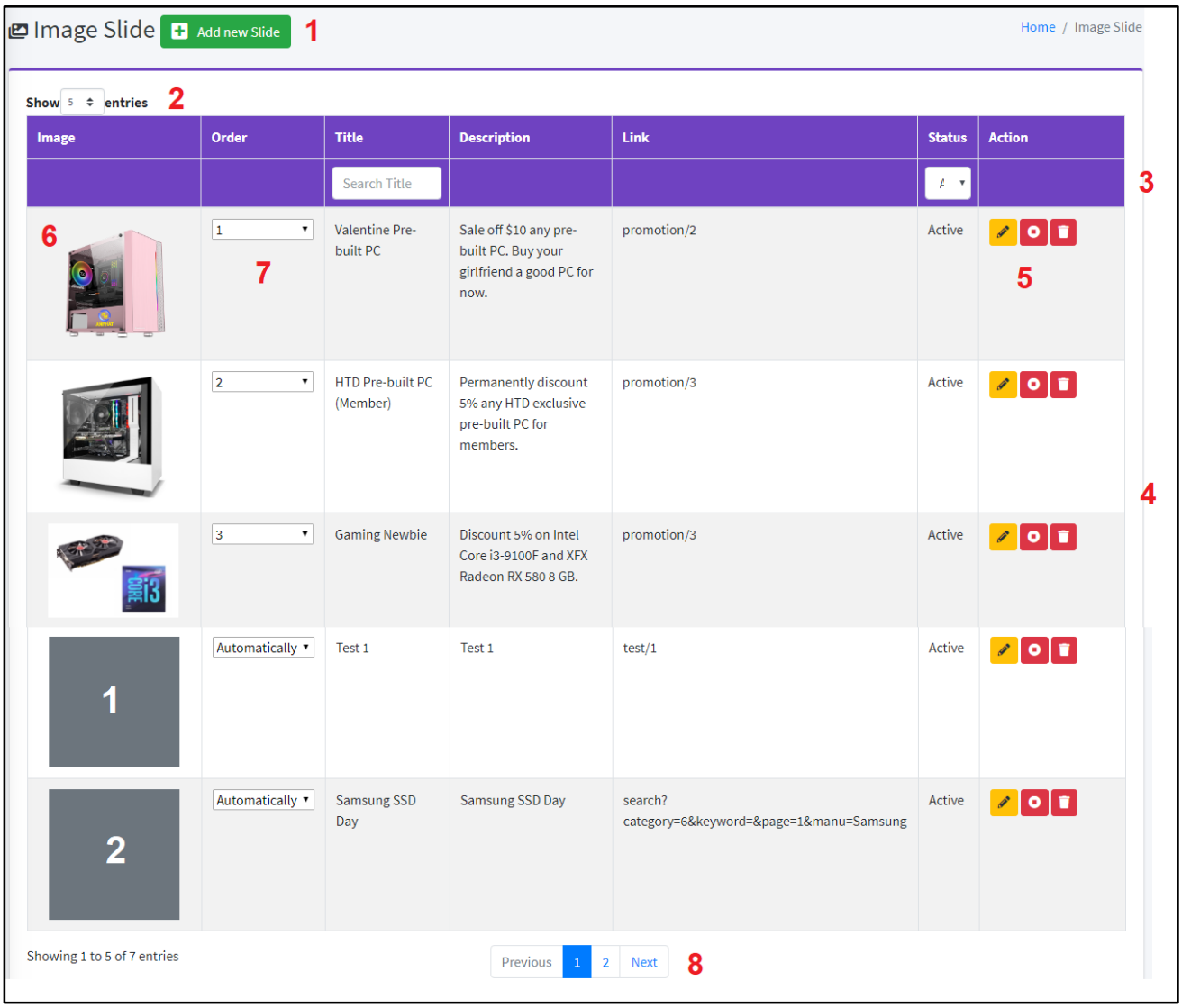
d. Edit



1	Click **Promotion link** to get back in list.
2	Enter basic information. Fields with (*) is required. + Target: All (member and guest) or Member only + Date: Alway (promotion is permanently until mannually disabled), Limit (set start date and end date for promotion)
3	Click **(+)** to add conditions.
4	Conditions list: + Click **Pencil icon** to edit. + Click **Trash bin icon** to delete.
5	Click to choose image to upload. Limit 1 image.
6	After input all information, click **Update this promotion** button to update.

9. Image Slide

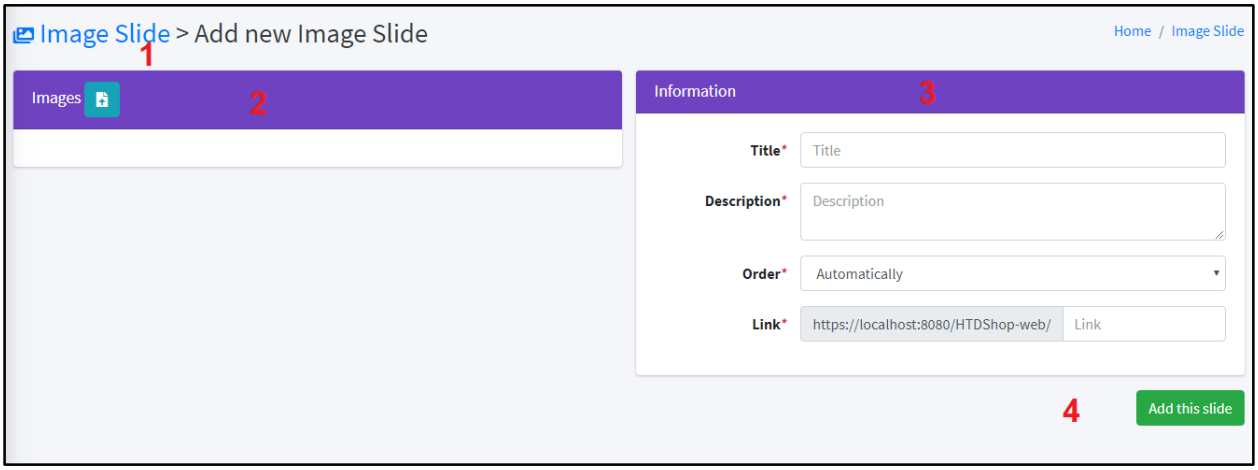
a. View and filter



1	Click **Add new Slide** to go to image slide add page.
2	Select how many result will be shown on 1 page.
3	Filters for slide.
4	Result table.
5	Actions: + Click **Edit button**, to edit slide. + Click **Enable / Disable button** to enable or disable slide. + Click **Delete button**, to delete slide.
6	Click on image to enlarge (open in modal).
7	Choose order for slide: + Numbers: will be shown first with natural order of number. + Automatically: will be shown last.

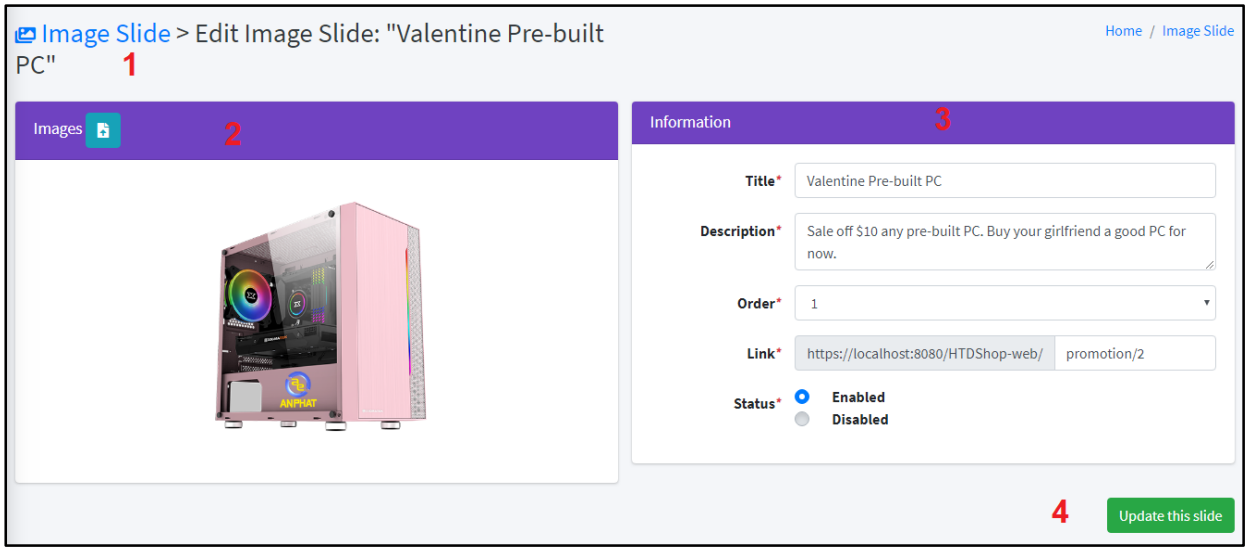
8	Table’s paging.

b. Add



1	Click **Image Slide link** to get back in list.
2	Click **Image button** to choose image.
3	Enter information. Fields with (*) is required. + Order: Numbers: will be shown first with natural order of number. Automatically: will be shown last.
4	After input all information, click **Add this slide** button to add.

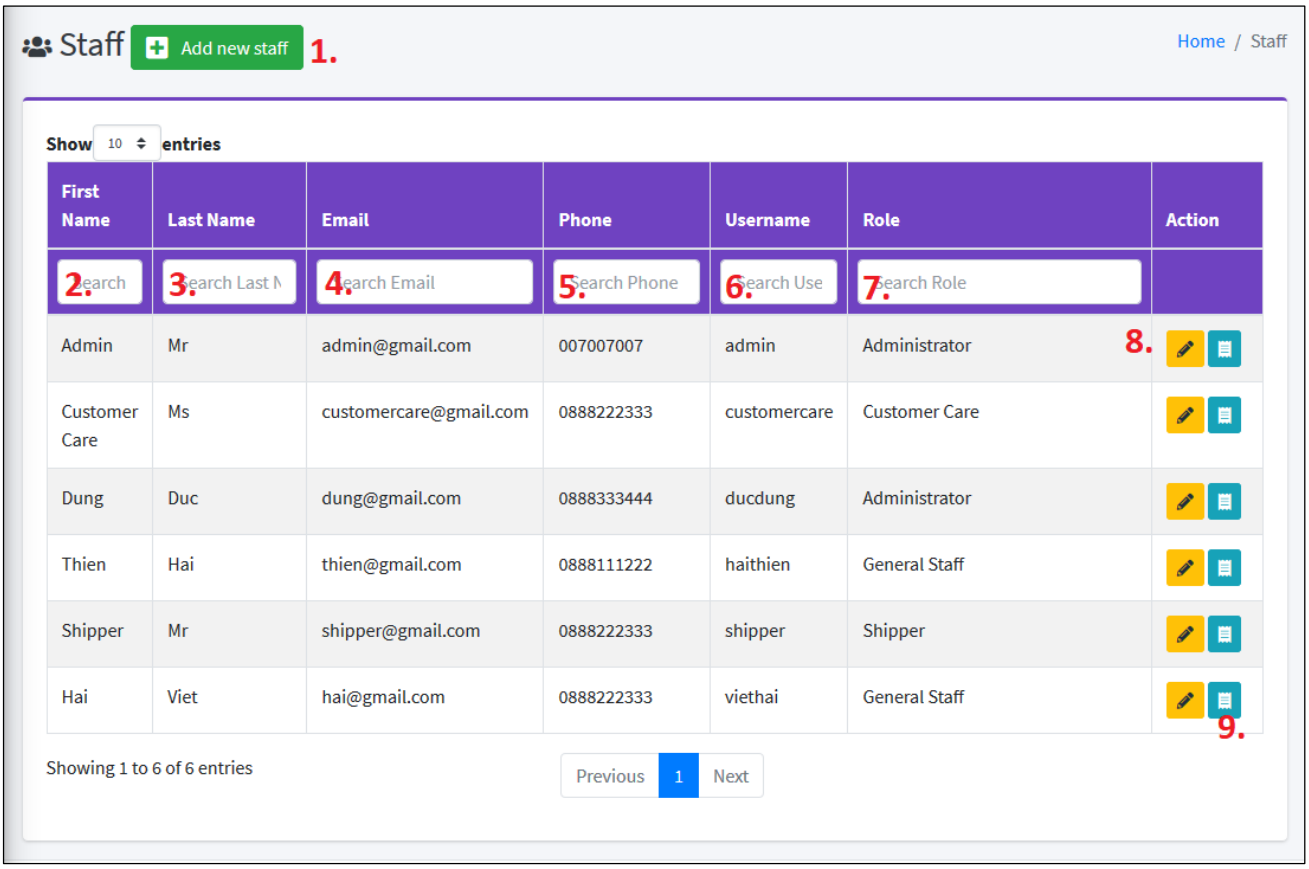
c. Edit



1	Click **Image Slide link** to get back in list.
2	Click **Image button** to choose image.
3	Enter information. Fields with (*) is required. + Order: Numbers: will be shown first with natural order of number. Automatically: will be shown last.
4	After input all information, click **Update this slide** button to update.

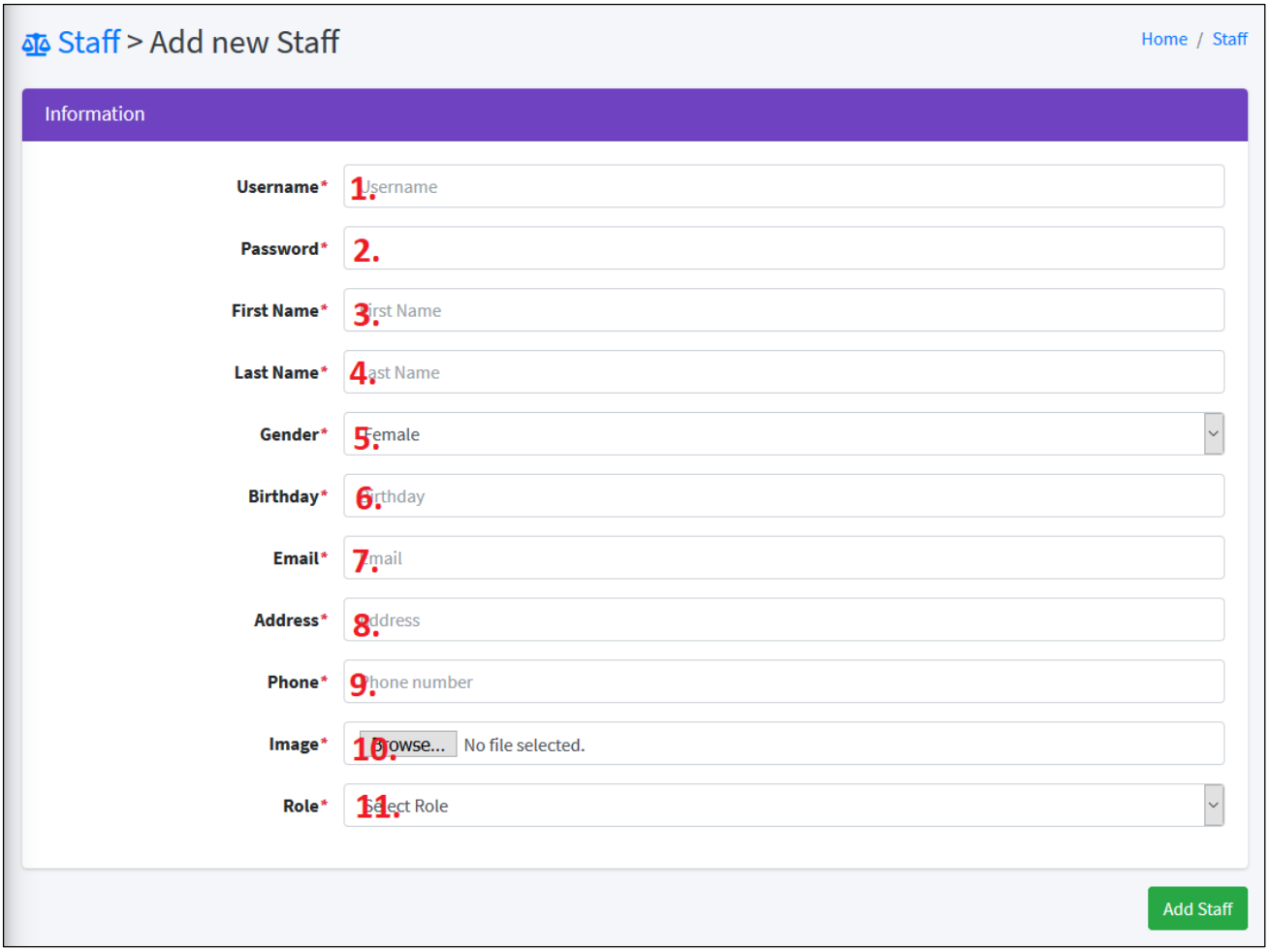
10. Staff

a. View



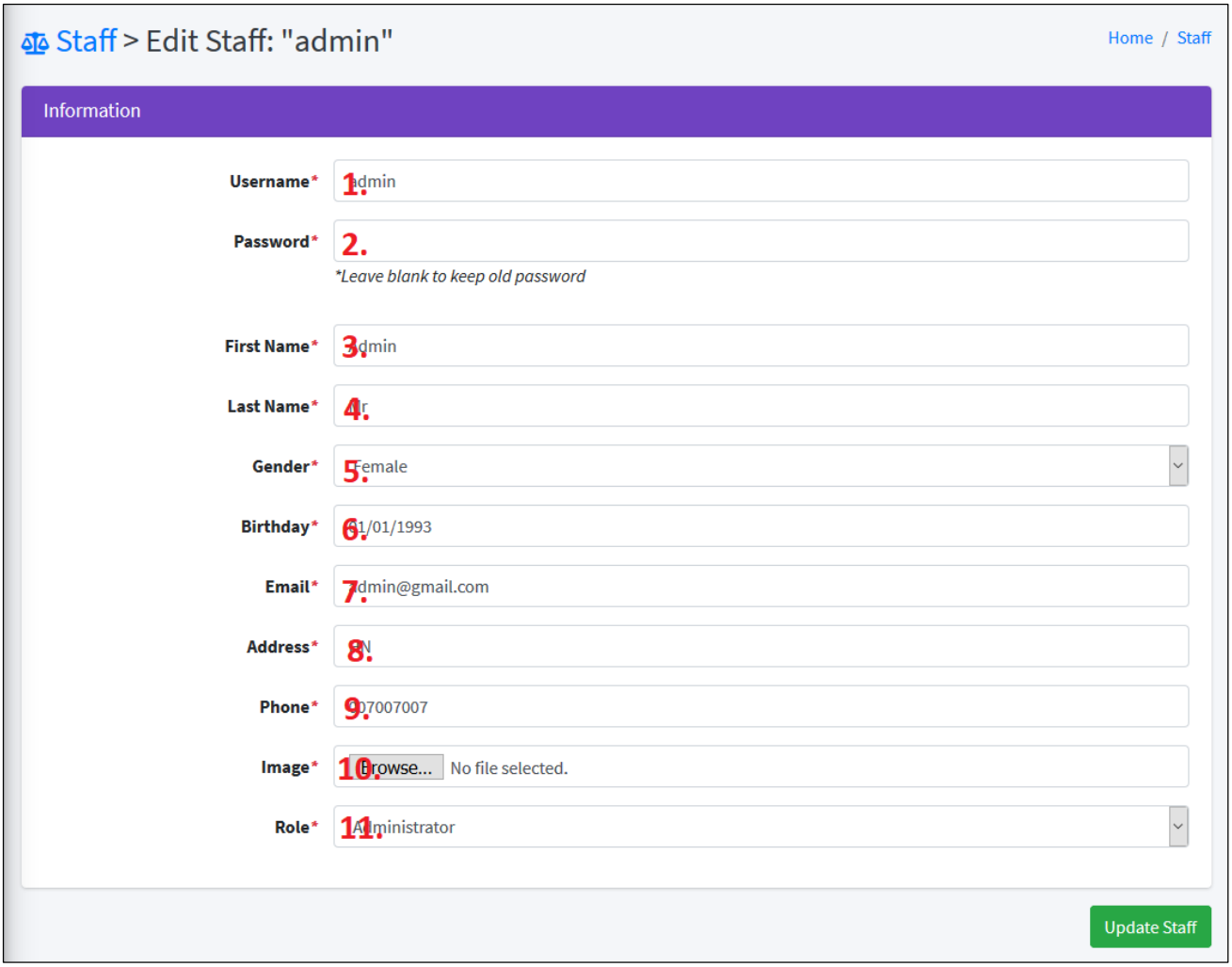
1	Add staff button, redirects to new page.
2	First name filter box.
3	Last name filter box.
4	Email filter box.
5	Phone number filter box.
6	Username filter box.
7	Role filter box.
8	Edit button, redirects to edit page.
9	Details button, redirects to details page.

b. Add



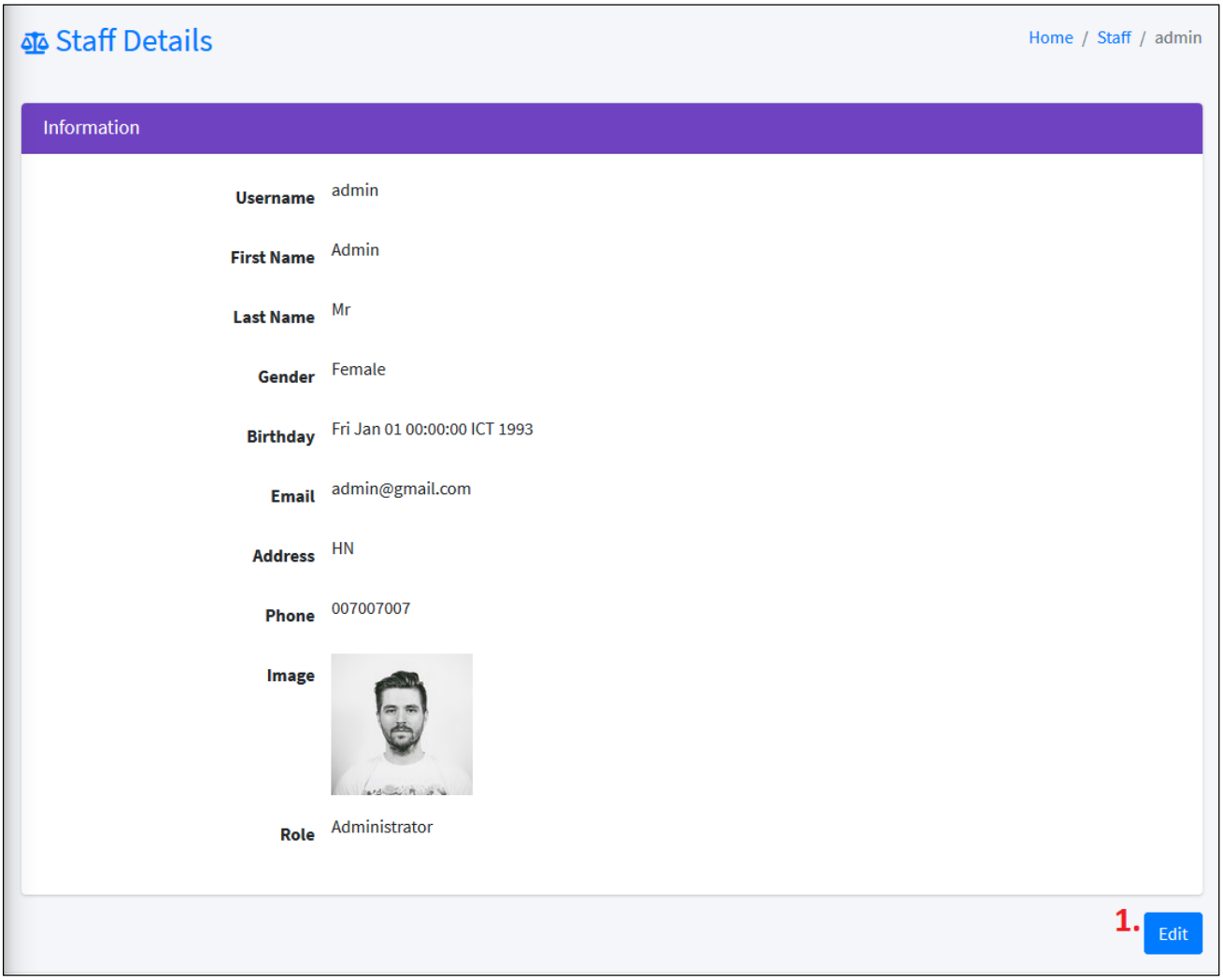
1	Enter username, cannot be blank.
2	Enter password, cannot be blank
3	Enter first name, cannot be blank
4	Enter last name, cannot be blank
5	Select Gender
6	Select the birthday
7	Enter email. Email must be in the correct format.
8	Enter address, cannot be blank.
9	Enter phone number, cannot be blank, numbers only
10	Select Image for staff. If left blank then staff will have a default image.
11	Select the staff's role.

c. **Edit**



1	Enter username, cannot be blank.
2	Enter password. If left blank, the old password will be kept.
3	Enter first name, cannot be blank
4	Enter last name, cannot be blank
5	Select Gender
6	Select the birthday
7	Enter email. Email must be in the correct format.
8	Enter address, cannot be blank.
9	Enter phone number. Cannot be blank. Numbers only
10	Select Image for staff. If left blank then staff will have a default image.
11	Select the staff's role.

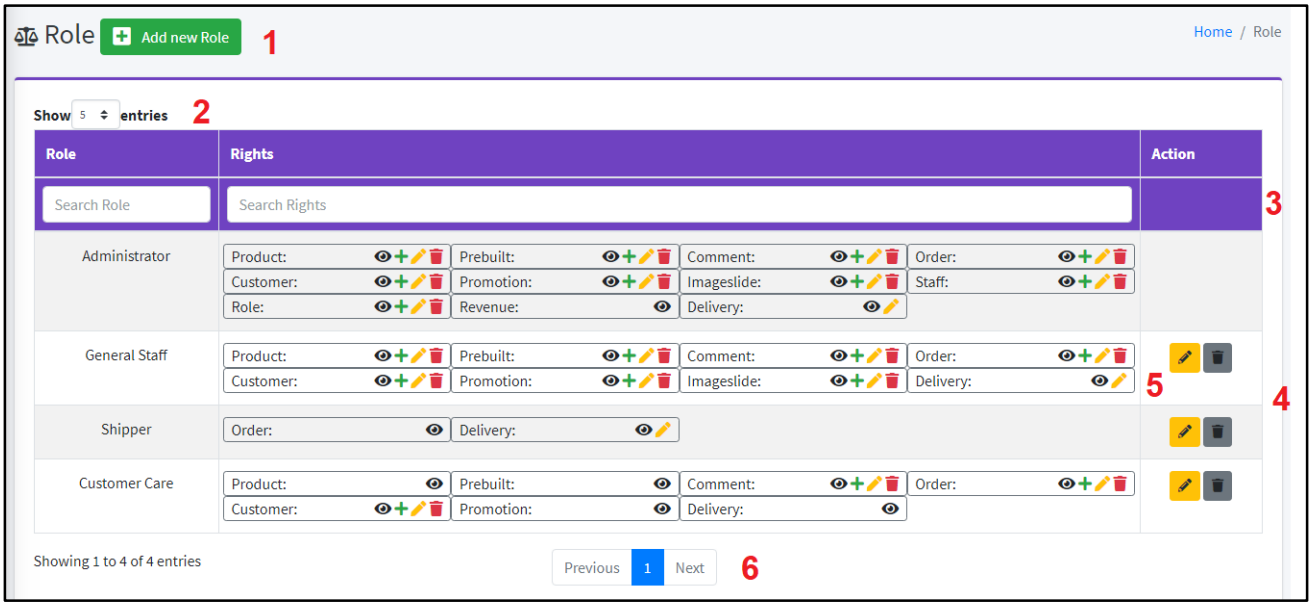
d. **Details**



1	Edit button. Redirects to edit page of current staff.

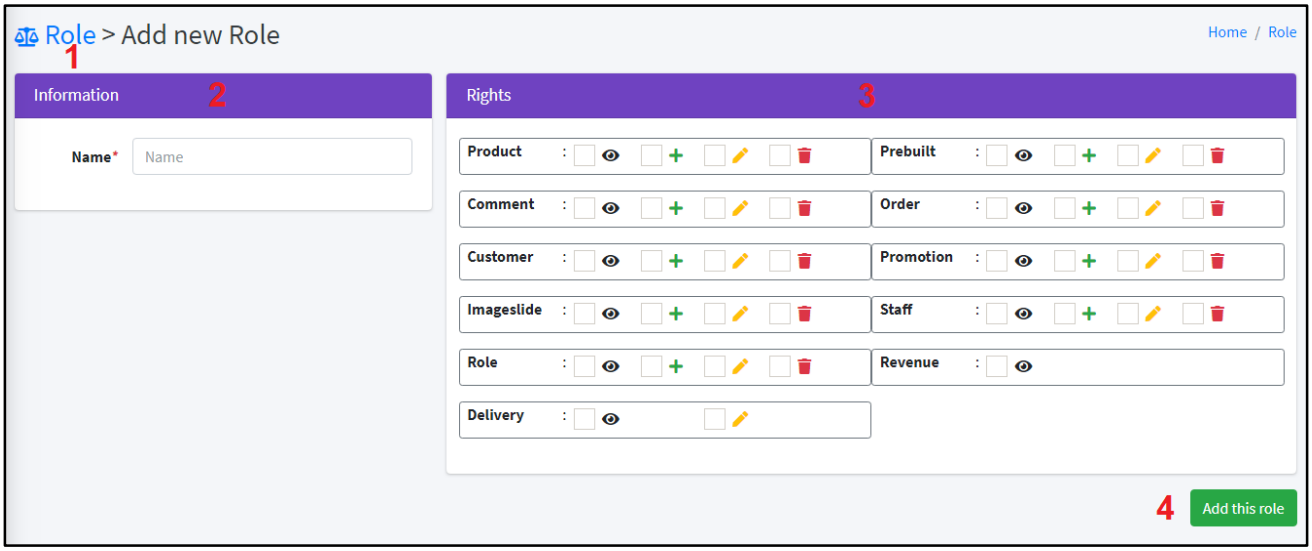
11. Role

a. View



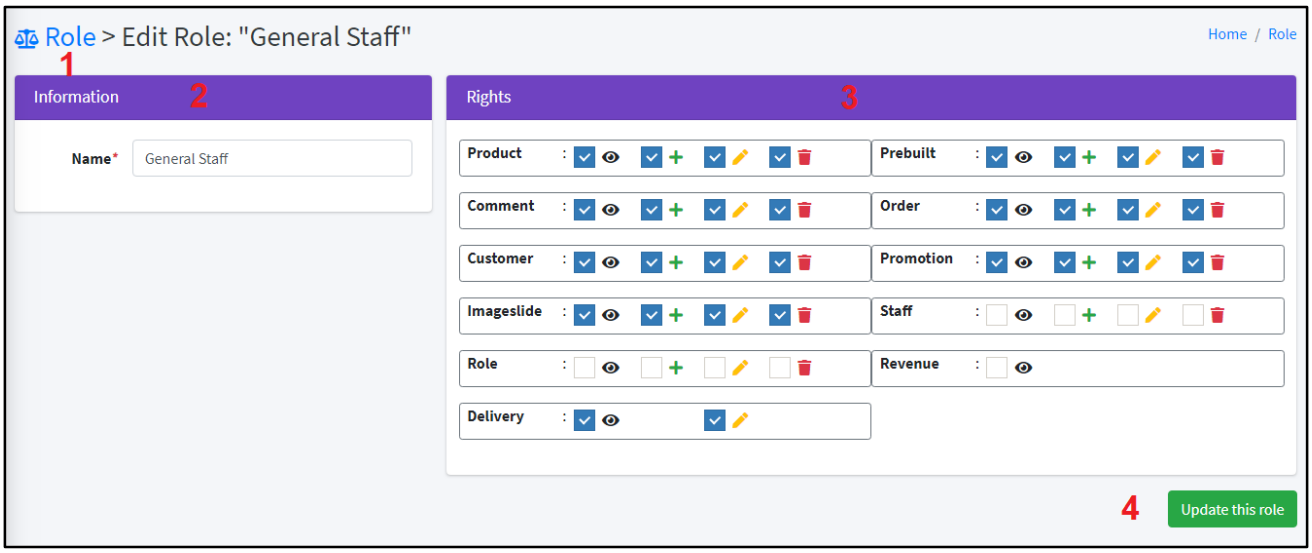
1	Click **Add new Role** to go to role add page.
2	Select how many result will be shown on 1 page.
3	Filters for role.
4	Result table.
5	Actions: + Click **Edit button**, to edit role. + Click **Delete button**, to delete role.
6	Table's paging.

b. Add



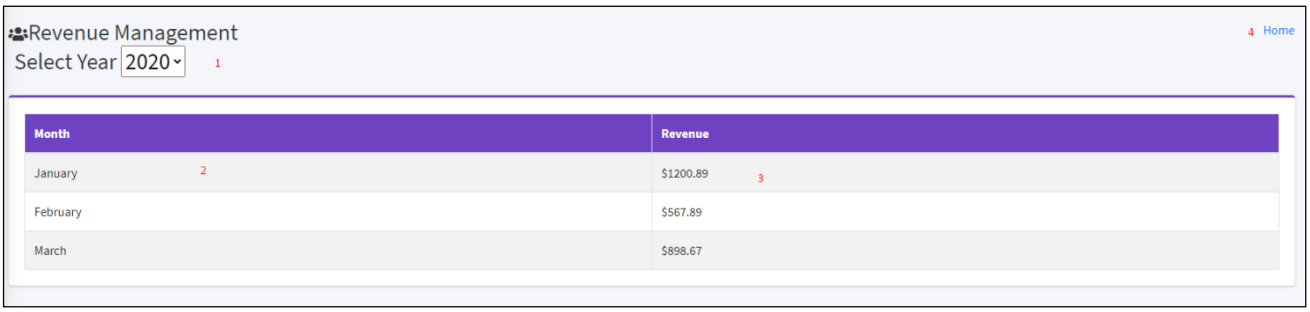
1	Click **Role link** to get back in list.
2	Enter Role's name.
3	Click check boxes to specify rights of this role.
4	After input all information, click **Add this role** button to add.

c. Edit



1	Click **Role link** to get back in list.
2	Enter Role's name.
3	Click check boxes to specify rights of this role.
4	After input all information, click **Update this role** button to update.

12. Revenue Report



1	Choose Year you want to check revenue.
2	Month of Year you choose.
3	Total Revenue in month.
4	Click **Home** to redirect **Admin page**