



**TRƯỜNG ĐẠI HỌC
BÁCH KHOA HÀ NỘI**
HANOI UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Food Ordering Website System

Subject: Web Programming - IT4552E

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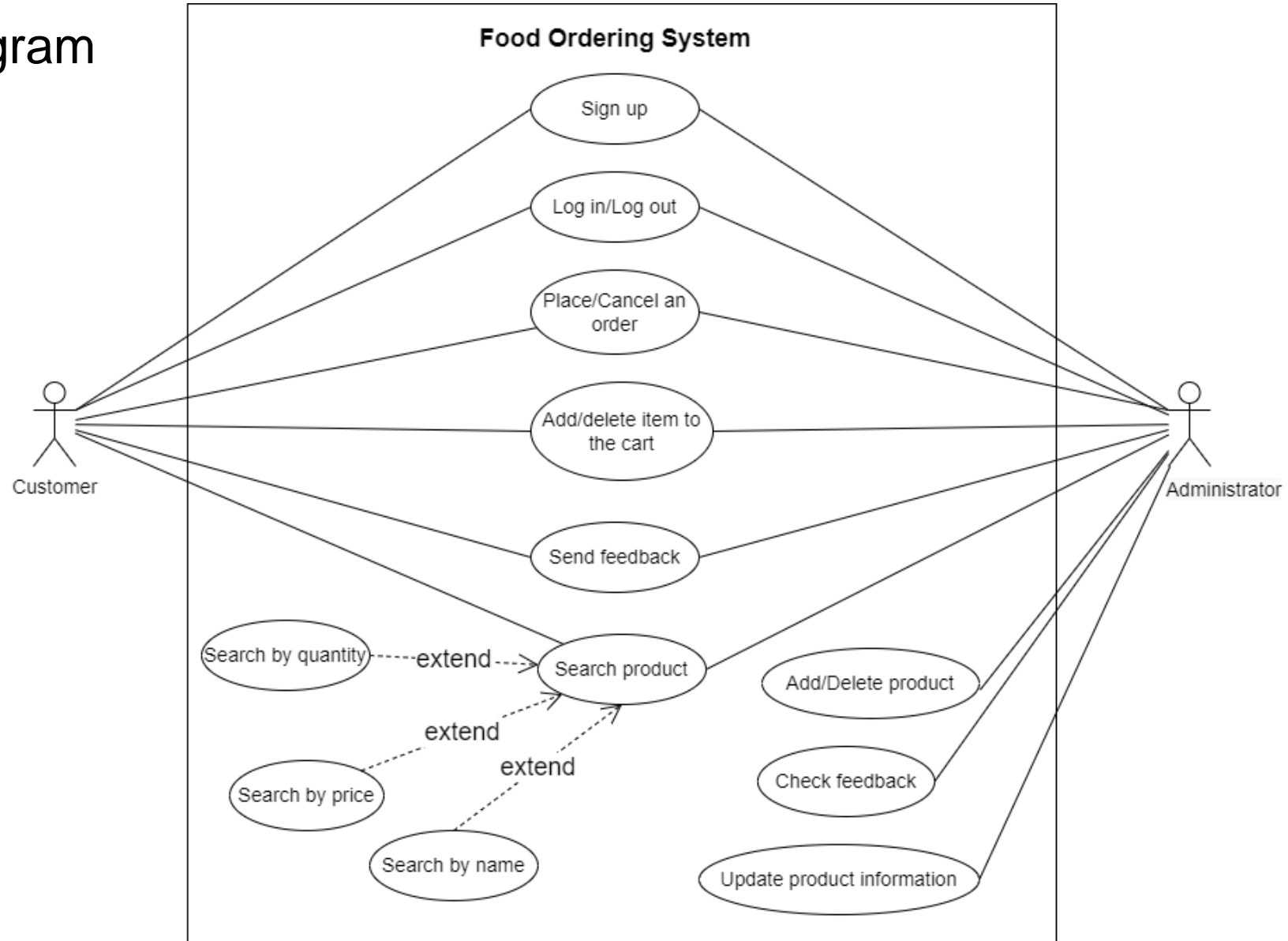
1. Application problem description

□ Build a food ordering website system:

- Provide graphical interface with many features.
- 2 types of people interacting with this system: user and administrator.
- User can sign up, log in, add or delete items from cart, place order, send feedback.
- Administrator:
 - Can log in as a normal user.
 - Can add/delete product, update product information and check feedback from user.

2. System design

□ Usecase Diagram



2. System design

❑ Database

slider_images	
id	int(11)
header1_text	varchar(20)
header2_text	varchar(30)
text	varchar(200)
link	varchar(200)
image	varchar(500)
image2	varchar(500)
disabled	tinyint(1)

users	
id	bigint(20)
url_address	varchar(60)
name	varchar(100)
email	varchar(100)
password	varchar(64)
date	datetime
rank	varchar(8)

settings	
id	int(11)
setting	varchar(30)
value	varchar(2048)
type	varchar(20)

brands	
id	int(11)
brand	varchar(30)
disabled	tinyint(1)
views	int(11)

countries	
id	int(11)
country	varchar(30)
disabled	tinyint(4)

contact_us	
id	int(11)
name	varchar(20)
email	varchar(100)
subject	varchar(30)
message	varchar(1000)
date	datetime

states	
id	int(11)
parent	int(11)
state	varchar(30)
disabled	tinyint(4)

2. System design

❑ Database

orders	
id	bigint(20)
user_url	varchar(60)
description	varchar(20)
delivery_address	varchar(1024)
total	double
country	varchar(20)
state	varchar(20)
zip	varchar(6)
tax	double
shipping	double
date	datetime
sessionid	varchar(30)
home_phone	varchar(15)
mobile_phone	varchar(15)

order_details	
id	bigint(20)
orderid	bigint(20)
qty	int(11)
description	varchar(200)
amount	double
total	double
productid	bigint(20)

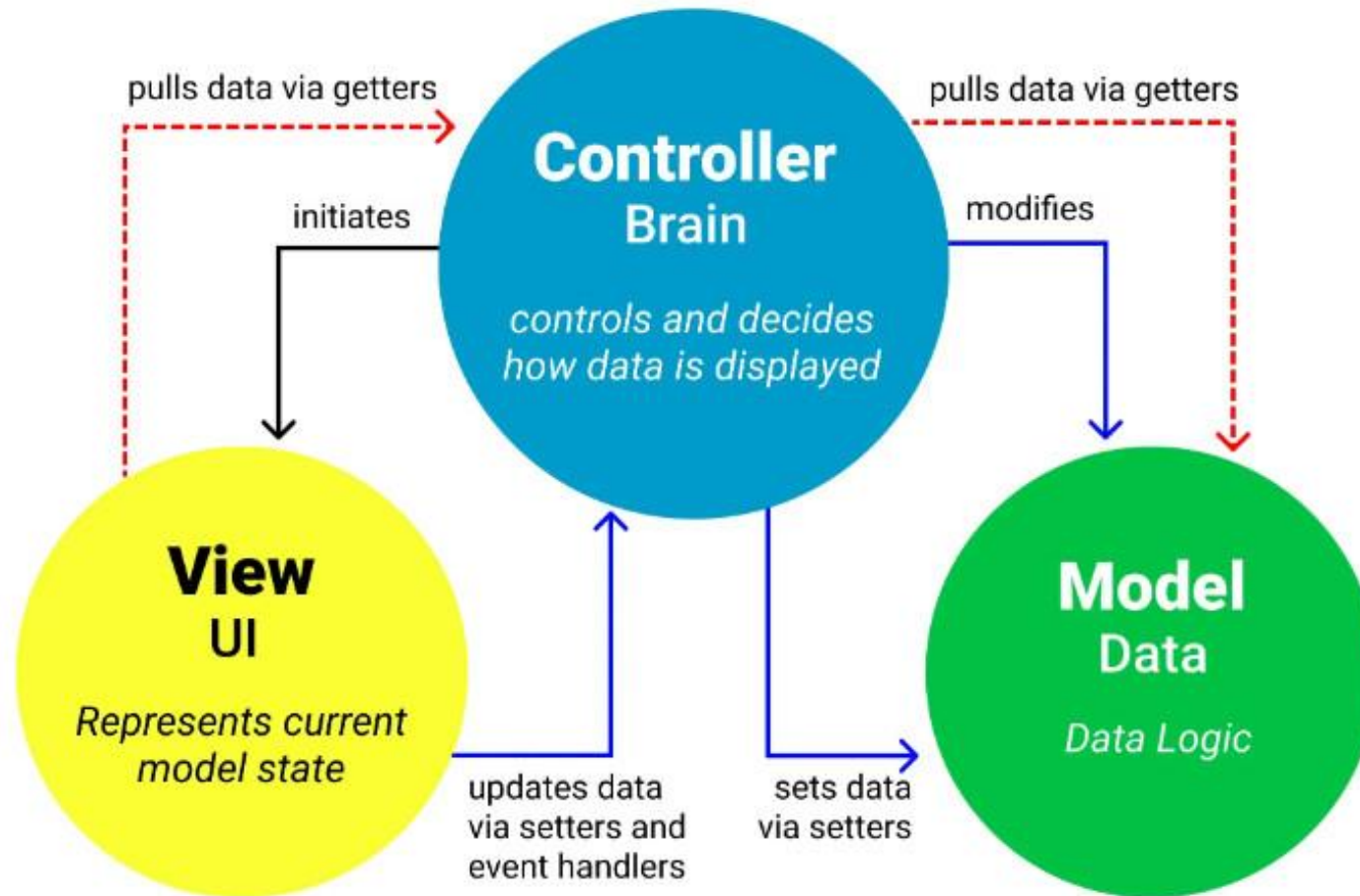
categories	
id	int(11)
category	varchar(30)
disabled	tinyint(1)
parent	int(11)
views	int(11)

products	
id	int(11)
user_url	varchar(60)
description	varchar(200)
category	int(11)
brand	int(11)
price	double
quantity	int(11)
image	varchar(500)
image2	varchar(500)
image3	varchar(500)
image4	varchar(500)
date	datetime
slag	varchar(100)

2. System design

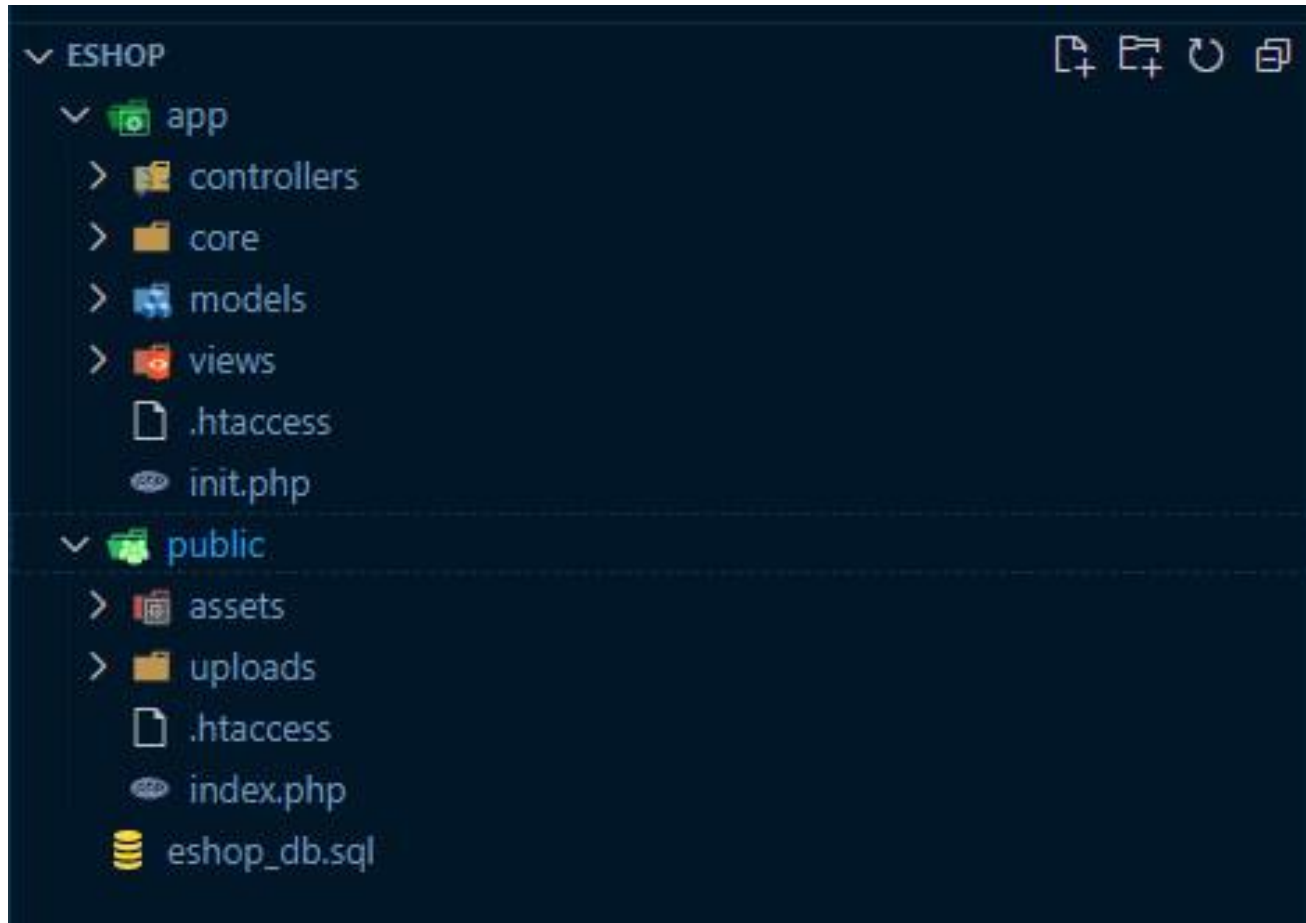
❑ MVC

MVC Architecture Pattern



2. System design

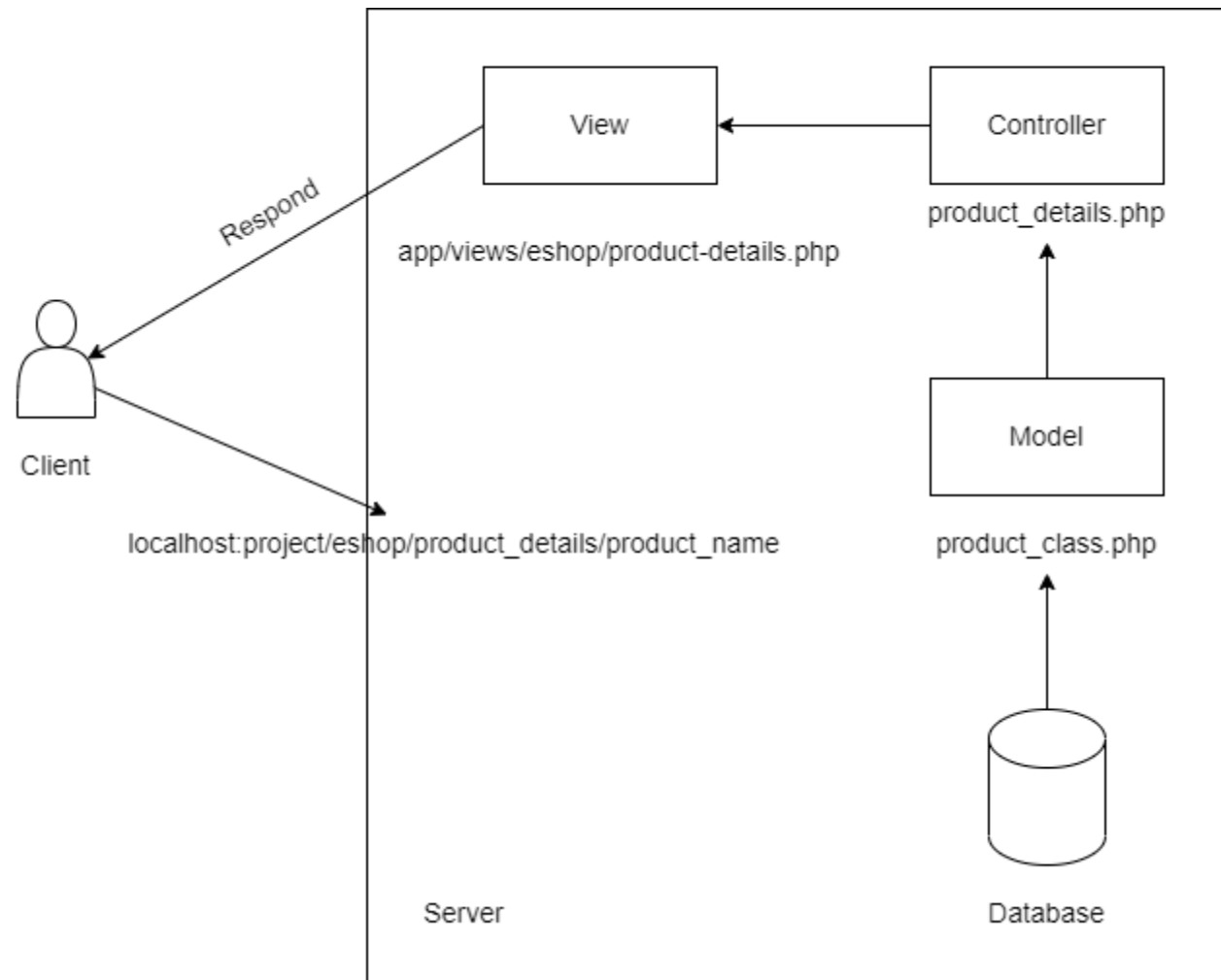
□ MVC



- app: core mvc components
- public:
 - ✓ assets (javascript, css, fonts, images)
 - ✓ uploads (product images)

2. System design

❑ MVC



3. Product demo



A large graphic on the left side of the slide. It features a dark blue background with a circular pattern of red dots of varying sizes, creating a sense of depth and movement. The word "HUST" is centered within this graphic in a white, bold, sans-serif font.

HUST

THANK YOU !