

GUI Design for AIMS Application

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1. FIGMA LINK

Cho 3 UseCase chính ta có các màn hình tương ứng như sau:

- Màn hình chính (Home Screen):

<https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=3-16&t=3xDbwOi5ImnUThyO-1>

- Màn hình giỏ hàng (Cart Screen):

<https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=4-364&t=3xDbwOi5ImnUThyO-1>

- Màn hình đặt hàng (Place Order Screen):

<https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=4-364&t=3xDbwOi5ImnUThyO-1>

- Màn hình cho đặt hàng nhanh (Place Rush Order Screen):

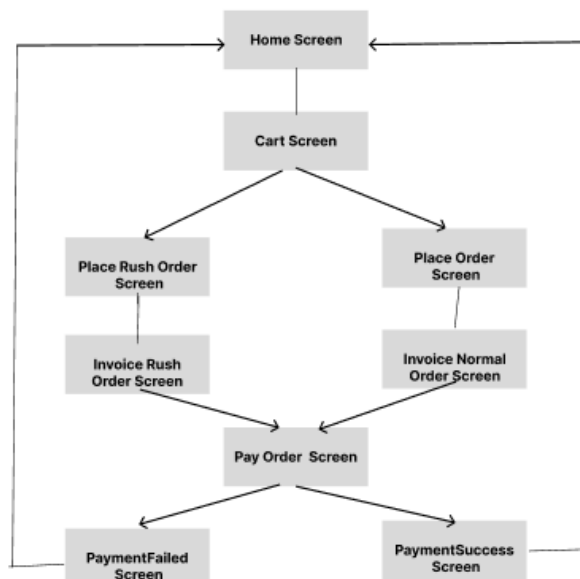
<https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=4-364&t=3xDbwOi5ImnUThyO-1>

- Màn hình thanh toán (Pay Order Screen):

<https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=4-364&t=3xDbwOi5ImnUThyO-1>

Từ đó, ta có transition diagram:

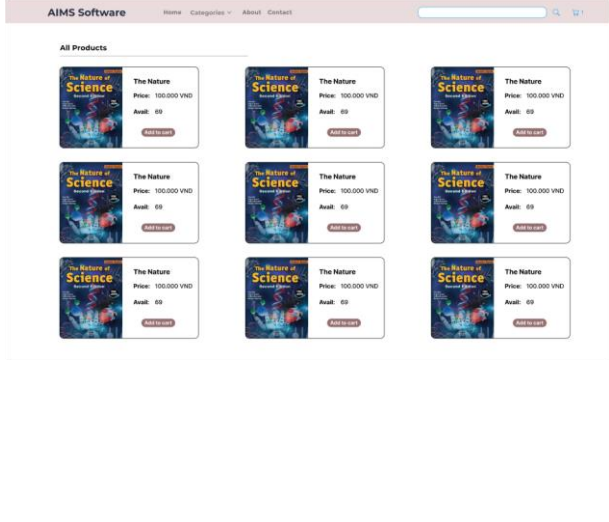
<https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=10-939&t=3xDbwOi5ImnUThyO-1>



2. SCREEN SPECIFICATION

2.1. Home Screen

Screen specification:

AIMS Software		Date of creation	Approved by	Reviewed by	Persio n in charge
Screen specification	Home Screen	29/10/2024			Vũ Đức Mạnh
		Control	Operation	Function	
		Area	Initial	Display header, category, item list	
		Navigati on Button	Click	Navigate page to home screen, cart screen	
		Add to Cart Button	Click	Add product to cart	
		Search	Input field	Search item	

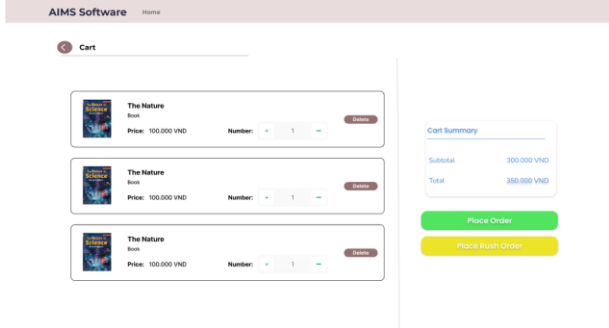
Field attributes:

Screen name	Home			
Item name	Number of digit (bytes)	Type	Field attribute	Remarks
Search value	50	Character	Black	Center justified

2.2. Cart Screen

Screen specification:

AIMS Software	Date of creation	Approved by	Reviewed by	Persio n in charge
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Screen specification	Cart Screen	29/10/2024			Vũ Đức Mạnh
	Control	Operation	Function		
	Area	Initial	Display header, layout, item cart list		
	Navigation Button	Click	Navigate page to home screen		
	Open Popup Button	Click	Open Place order popup		
	Open Popup Button	Click	Open Place rush order popup		
	Modify field	Input field	Modify the number of products in cart		
	Delete	Click	Remove item from cart		

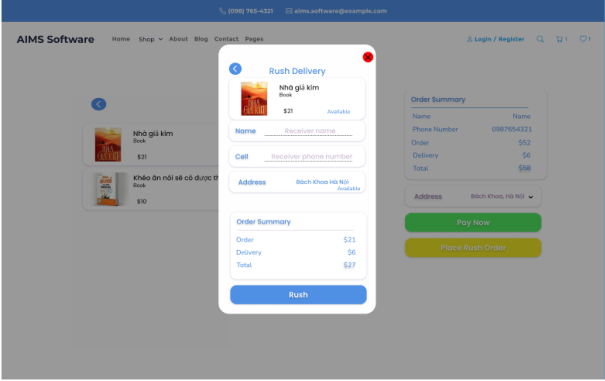
Field attributes:

Screen name	Home			
Item name	Number of digit (bytes)	Type	Field attribute	Remarks
Subtotal	10	Numeral	Blue	Right justified, larger than zero
Total price	11	Numeral	Blue	Right justified, larger than zero

2.3. Place Order

Screen specification:

AIMS Software	Date of creation	Approved by	Reviewed by	Person in charge
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Screen specification	Cart Screen	29/10/2024			Vũ Đức Mạnh
	Control	Operation	Function		
	Area	Initial	Display header, layout, Rush Order popup		
	Navigation Button	Click	Navigate page to invoice screen		
	Close Popup Button	Click	Close Rush order popup		
	Checkbox button	Click	Checkbox to switch open/close rush order pop up		
	Input	Input field	Input field for name, address, phone number, hours, minutes		

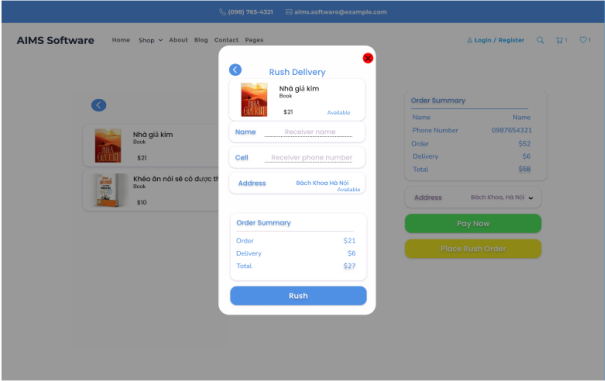
Field attributes:

Screen name	Home			
Item name	Number of digit (bytes)	Type	Field attribute	Remarks
Name	10	Numeral	White	Left justified, blank can not be first, at least 3 characters, alert when error
Phone number	11	Digit	White	Left justified, must from 0 to 24, alert when error
Address	50	Character	White	Left justified, must from 0 to 24, alert when error

Hour	2	Numeral	White	Left justified, must from 0 to 24, alert when error
Minute	2	Numeral	White	Left justified, must from 0 to 60 and 0 to 30 if hour equal to 0, alert when error
Subtotal	10	Numeral	White	Right justified, larger than zero
Shipping	5	Numeral	White	Right justified, larger than zero
Total price	11	Numeral	White	Right justified, larger than zero

2.4. Place Rush Order

Screen specification:

AIMS Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Cart Screen	29/10/2024			Vũ Đức Mạnh
		Control	Operation	Function	
		Area	Initial	Display header, layout, Rush Order popup	
		Navigation Button	Click	Navigate page to invoice screen	
		Close Popup Button	Click	Close Rush order popup	
		Checkbox button	Click	Checkbox to switch open/close rush order pop up	

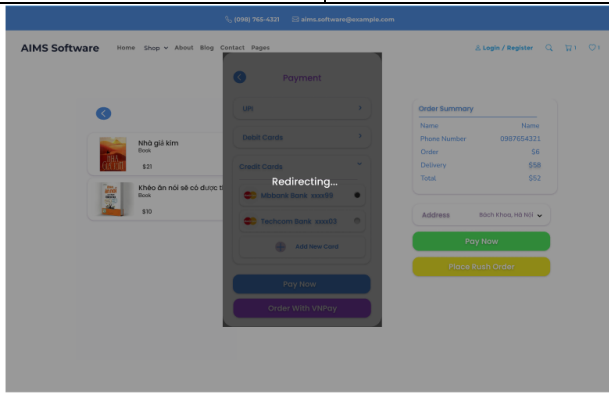
	Input	Input field	Input field for name, address, phone number, hours, minutes
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Field attributes:

Screen name	Home			
Item name	Number of digit (bytes)	Type	Field attribute	Remarks
Name	10	Numeral	White	Left justified, blank can not be first, at least 3 characters, alert when error
Phone number	11	Digit	White	Left justified, must from 0 to 24, alert when error
Address	50	Character	White	Left justified, must from 0 to 24, alert when error
Hour	2	Numeral	White	Left justified, must from 0 to 24, alert when error
Minute	2	Numeral	White	Left justified, must from 0 to 60 and 0 to 30 if hour equal to 0, alert when error
Subtotal	10	Numeral	White	Right justified, larger than zero
Shipping	5	Numeral	White	Right justified, larger than zero
Total price	11	Numeral	White	Right justified, larger than zero

2.5. Invoice Screen

Screen specification:

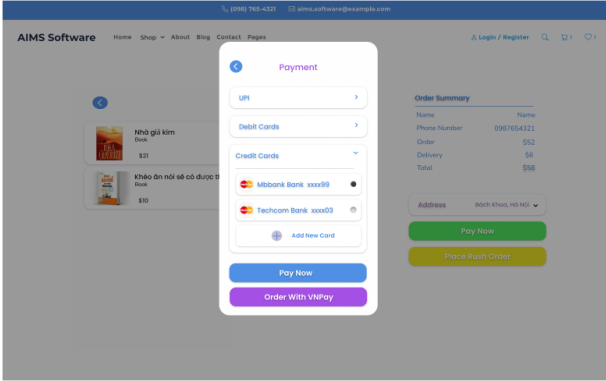
AIMS Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Cart Screen	29/10/2024			Vũ Đức Mạnh
		Control	Operation	Function	
		Area	Initial	Display header, layout, item list, delivery form	
		Navigation Button	Click	Navigate page to home screen, cart screen, user screen, payment screen	

Field attributes:

Screen name	Home			
Item name	Number of digit (bytes)	Type	Field attribute	Remarks
Name	20	Character	White	Left justified
Phone number	11	Digit	White	Left justified
Address	50	Character	White	Left justified
Subtotal	10	Numerical	White	Right justified
Shipping	2	Numerical	White	Right justified
Total price	11	Numerical	White	Right justified
Media title	50	Character	Black	Left justified
Media category	20	Character	Black	Left justified
Media quantity	2	Numerical	Black	Larger than zero
Media price	5	Numerical	Black	Larger than zero

2.6. Pay Order

Screen specification:

AIMS Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Cart Screen	29/10/2024			Vũ Đức Mạnh
		Control	Operation	Function	
		Area	Initial	Display payment form	
		Navigation Button	Click	Navigate page to invoice screen, result screen	
		Input	Input field	Input field for card name, card number, month, year and CVC	

Field attributes:

Screen name	Home			
Item name	Number of digit (bytes)	Type	Field attribute	Remarks
Card name	20	Character	Black	Left justified, blank can not be first, at least 3 characters, alert when error
Card number	16	Digit	Black	Left justified, must be 16 digits, alert when error
Month	2	Digit	Black	Left justified, must be from month 01 to 12, alert when error
Year	2	Digit	Black	Left justified, must be larger than the last two digits from

				current year, alert when error
CVC	3	Digit	Black	Left justified, must be 3 digits, alert when error