# **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=3xDbw0i5ImnUThy0-1

- Màn hình giỏ hàng (Cart Screen):

https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=4-364&t=3xDbw0i5ImnUThv0-1

- Màn hình đặt hàng (Place Order Screen):

https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=4-364&t=3xDbw0i5ImnUThy0-1

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

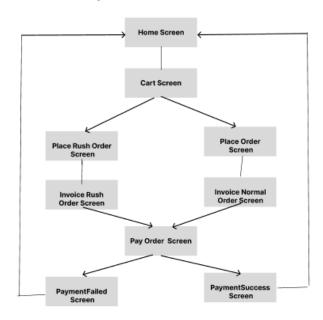
https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?nodeid=4-364&t=3xDbw0i5ImnUThy0-1

- Màn hình thanh toán (Pay Order Screen):

https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=4-364&t=3xDbw0i5ImnUThy0-1

Từ đó, ta có transition diagram:

https://www.figma.com/design/4c65IYNpaEMvIKP8AxVFhu/Aims-Project?node-id=10-939&t=3xDbw0i5ImnUThy0-1



#### 2. SCREEN SPECIFICATION

#### 2.1. Home Screen

#### Screen specification:

AIMS Software	Date of	Approve	Reviewe	Persio
	creation	d by	d by	n in
				charge
Screen specification   Home Screen	29/10/			Vũ
	2024			Đức
				Mạnh
AIMS Software Rome Categories v About Contact Q 🖫	Control	Operatio	Function	
All Products		n		
The Mature Price: 100:000 V/ID Avail: 50  Community  The Mature Price: 100:000 V/ID Avail: 50  Avail: 50  Community  Comm	Area	Initial	Display he category,	
Science Prior: 1000001/10  Science Prior: 1000001/10  Science Prior: 1000001/10			list	
Avail: 63	Navigati	Click	Navigate j	page to
Science Science The Nature Science Post 0000000000 Science Post 00000000000 Science Post 000000000000000000000000000000000000	on		home scre	een,
Ank 10 An	Button		cart scree	n
	Add to	Click	Add prod	uct to
	Cart		cart	
	Button			
	Search	Input field	Search ite	em

#### 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	Approve	Reviewe	Persio
	creation	d by	d by	n in
				charge

Screen specification	Cart Screen	29/10/ 2024		Vũ Đức Mạnh
AIMS Software Home		Control	Operatio	Function
<b>⊘</b> Cart			n	
The Nature tool Price 100,000 VHD Number: 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Cost Summory  Subsect 300,000 Vic)  Total 380,000 Vic)	Area	Initial	Display header, layout, item cart list
The Nature	Place Order	Navigati	Click	Navigate page to
Book Price: 100.000 VND Number: - 1 -	Place Rush Order	on		home screen
		Button		
		Open	Click	Open Place order
		Popup		popup
		Button		
		Open	Click	Open Place rush
		Popup		order popup
		Button		
		Modify	Input	Modify the
		field	field	number of
				products in cart
		Delete	Click	Remove item
				from cart

#### Field attributes:

Screen name	Home			
Item name	Number of	Туре	Field	Remarks
	digit (bytes)		attribute	
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	Approve	Reviewe	Persio
	creation	d by	d by	n in
				charge

Screen specification   Cart Screen	29/10/ 2024		Vũ Đức Mạnh
AIMS Software Home Drop = Ahout Blog Custact Pages 2. Light/ Rophs  @ Rush Delivery	Control	Operatio n	Function
Nhỏ giá kim  Nhỏ giá kim  121 Audatás  Nhỏ giá kim  Bace  122 Audatás  Nhỏ giá kim  Bace  123 Audatás  Nhỏ giá kim  Bace  124 Audatás  125 Audatás  126 Audatás  127 Audatás  128 Audatás  128 Audatás  129 Audatás  120 Audatás	Area	Initial	Display header, layout, Rush Order popup
Order S23	Navigati	Click	Navigate page to
Dollvery 96 Place Rush Order Total \$27	on		invoice screen
Rush	Button		
	Close	Click	Close Rush order
	Popup		popup
	Button		
	Checkbo	Click	Checkbox to
	x button		switch
			open/close rush
			order pop up
	Input	Input	Input field for
		field	name, address,
			phone number,
			hours, minutes

### Field attributes:

Screen name	Home			
Item name	Number of	Type	Field	Remarks
	digit (bytes)		attribute	
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	Approve d by	Reviewe d by	Persio n in
	T				charge
Screen specification	Cart Screen	29/10/			Vũ
		2024			Đức
					Mạnh
4 (096) 765-4221 ☐ elms.set  AIMS Software Home Shop ∨ About Blog Contact Pages	3. Local / Recitier Q 7-71 (*)	Control	Operatio	Function	
Rush Delive	ry		n		
Nhà giả kin Book 523	Avoilable Order Summary Name Name	Area	Initial	Display h	eader,
Nhà giá kim Receiver Receiver pho	Phone Number   0987654321   Order   \$52     Delivery   \$6			layout, Ru	ısh
Khéo àn nói sẽ có được tr Rock Bock Address Boch K	Total \$58 hosiatts Address Bách Khoo, Hà N/I •			Order pop	oup
Order Summary Order	Pay Now	Navigati	Click	Navigate	page to
Delivery Total	S6 Place Rush Order	on		invoice sc	reen
Rush		Button			
		Close	Click	Close Rus	h order
		Popup		popup	
		Button			
		Checkbo	Click	Checkbox	to
		x button		switch	
				open/clos	se rush
				order pop	up

Input	Input	Input field for
	field	name, address,
		phone number,
		hours, minutes

#### Field attributes:

Screen name	Home			
Item name	Number of	Type	Field	Remarks
	digit (bytes)		attribute	
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	Approve	Reviewe	Persio
	creation	d by	d by	n in	
					charge
Screen specification	Cart Screen	29/10/			Vũ
_		2024			Đức
					Mạnh
AIMS Software Home Shop ∨ About Blog Centact Pages	Control	Operatio	Function		
AIMS SOTTWARE Home shop v About Bog Contact Pages  O Payment	&Login/Register Q ∏1 ⊘1		n		
<b>⊗</b>	Order Summary Name Name	Area	Initial	Display he	eader,
Nhà giả kim Đười Cards Đười S22 Credit Cards	Phone Number 0997654321 Corder \$6 Delivery \$58			layout, ite	m list,
Khéo án nói sẽ có được t Redirecting	Total \$52			delivery f	orm
\$10  Techcom Bank xxxx	Pow Now	Navigati	Click	Navigate j	page to
Pay Now	Place Rush Order	on		home scre	een,
Order With VNP	Dy Control of the Con	Button		cart scree	n, user
				screen, pa	yment
				screen	

#### Field attributes:

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

## 2.6. Pay Order

### Screen specification:

AIMS Software	Date of	Approve	Reviewe	Persio
	creation	d by	d by	n in
				charge
Screen specification   Cart Screen	29/10/			Vũ
	2024			Đức
				Mạnh
A IMS Software None Stop - About Stop Contact Pages A Login/ Register Q [] (	Control	Operatio	Function	
Payment		n		
Order Summary Nume Name	Area	Initial	Display pa	ayment
Neb gill kim   Debit Cords   Prove Number 098765422   Ordet Cords   Str.   St			form	
1000 dannel se de dupor si see Mabanis Banis zoodisi • Trass 558	Navigati	Click	Navigate j	page to
Fechoon Bank xxxx03 ©  B Add fee Card Poly Now	on		invoice sc	reen,
Proce Rush Order Pay Now	Button		result scr	een
Order With NaPoy	Input	Input	Input field	d for
		field	card name	e, card
			number, n	nonth,
			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