GUIs for all UC

1. **Standardizing the screen configuration**

Display

Number of colors supported: 16,777,216 colors

Screen

Location of standard buttons: At the bottom (vertically) and in the middle (horizontally) of the frame

Location of the messages: Starting from the top vertically and in the middle horizontally of the frame down to the bottom.

Display of the screen title: The title is located at the top of the frame in the middle.

Consistency in expression of alphanumeric numbers: comma for separator of thousand while strings only consist of characters, digits, commas, dots, spaces, underscores, and hyphen symbol.

Control

Size of the text: medium size (mostly 18px). Font: Segoe UI. Color: #000000

Input check process: Should check if it is empty or not. Next, check if the input is in the correct format or not

Sequence of moving the focus: There will be no stack frames. Each screen will be separated. However, the manual is considered a popup message, as the main screen cannot be operated while the manual screen is shown. After the opening screen, the app will start with splash screen, and then the first screen (home screen) will appear.

Sequences of the system screens:

1. Splash screen (first screen)
2. Home screen
3. View cart screen – view items in the cart
4. Delivery form – fill delivery information
5. Update rush order delivery information
6. Invoice screen – view order details
7. Payment form – fill payment information
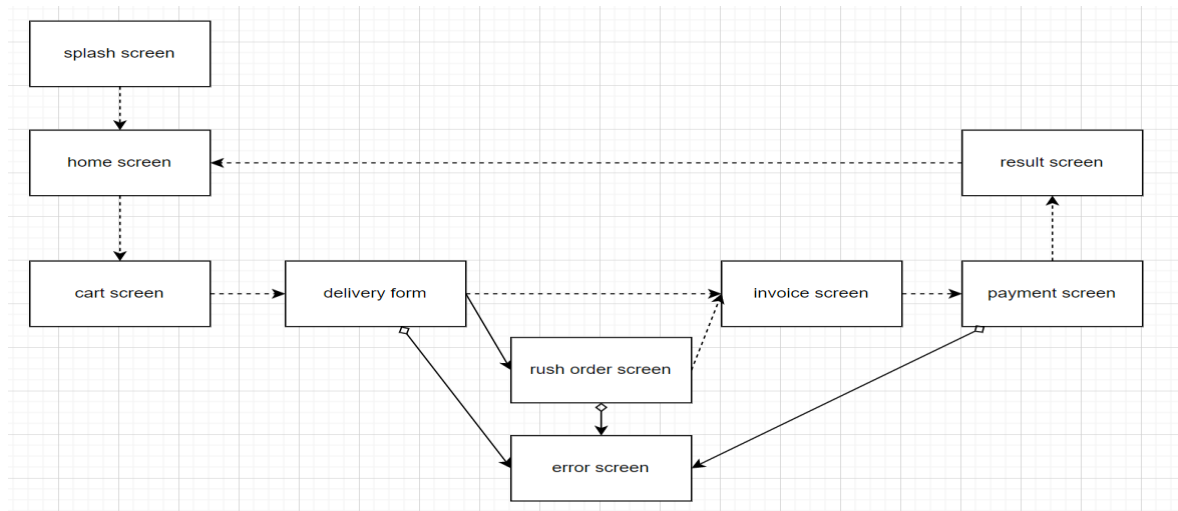8. Result screen

Direct input from the keyboard

There will be no shortcuts. There are back buttons to move back to the previous screen. Also, there is the close button "X" located at the title bar to the right to close the screen.
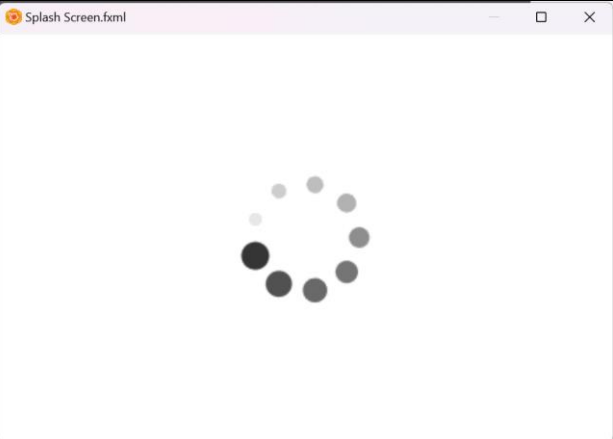
Error

A message will be given to notify the users what is the problem.

2. Screen transition diagram
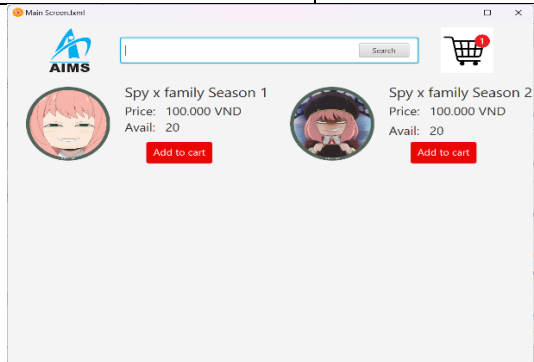
3. Screen specification

Splash Screen

Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge
Screen specification	Splash screen	10/11/2022			
		Control	**Operation**	**Function**	
		Main area	None	Loading	
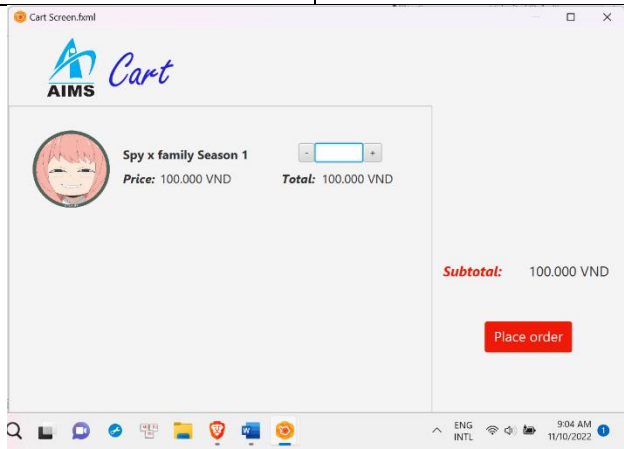
Home Screen

Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge

Screen specification	Home screen	10/11/2022			Pham Hai Dang
		Control	**Operation**	**Function**	
		AIMS image	Click	Return to home screen	
		Search bar	Type and Click	Type name of search items and search	
		Cart logo	Click	View items in the cart	
		Main area	Click	Items info and add to cart	

Screen	Main screen			
Field name	**Type**	**Limitation**	**Attribute**	**Remarks**
Media title	Text	40 characters	Black	Left-justified
Price	Digits	10 digits	None	Left-justified Dot for thousand separation
Avail	Digits	5 digits	None	Left-justified
Item image	Image	163x128 pixels	None	None
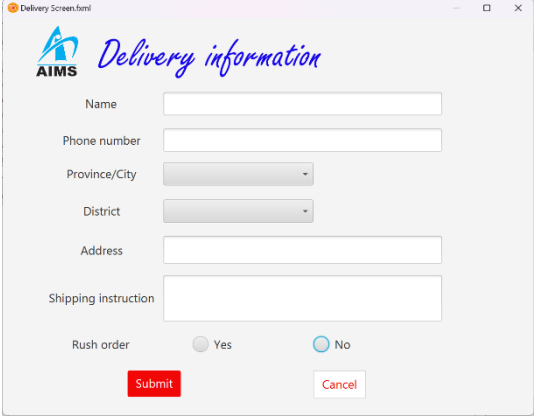
Cart Screen

Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge
Screen specification	**View cart screen**	10/11/2022			Pham Hai Dang
		Control	**Operation**	**Function**	
		Area for displaying the subtotal	Initial	Display the subtotal	
		Area for display items in the cart	Initial	Display the product with corresponding information	
		Place order button	Click	Display the Delivery form	
		Edit number button	Click/Input	Change number of selected products	

Screen	Cart screen			
Field name	**Type**	**Limitation**	**Attribute**	**Remarks**
Media title	Text	40 characters	Bold, black	Left-justified
Price	Digits	10 digits	None	Left-justified
Subtotal				
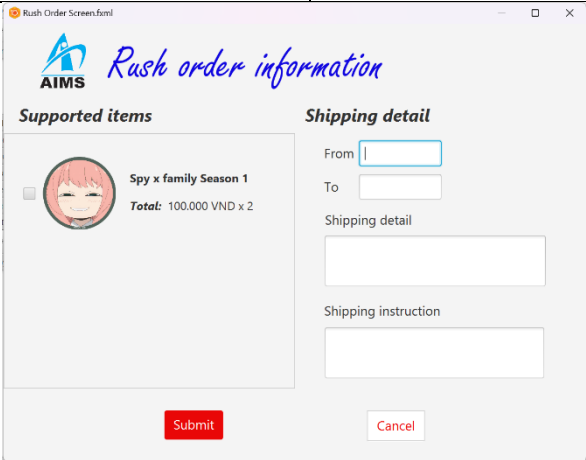
				Dot for thousand separation
Currency	Text	3 characters	All caps	None
Item thumbnail	Image	163x128 pixels	None	None

Delivery Form
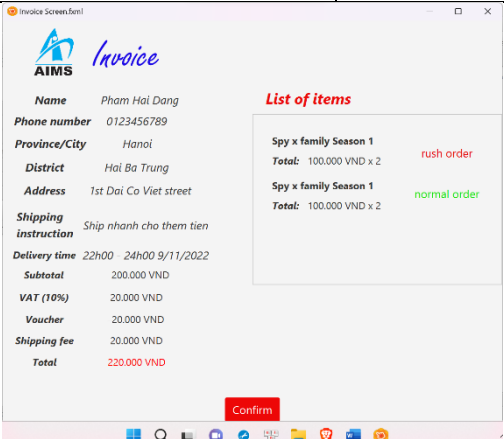
Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge
Screen specification	**Delivery Form**	10/11/2021			Pham Hai Dang

	Control	Operation	Function
	Area for filling the name	Input	Fill name of the customer
	Area for filling phone	Input	Fill phone of the customer
	Area for filling address	Input	Fill specific address of the customer
	City selecting dropdown	Select	Change city of customer
	District selecting dropdown	Select	Change district of customer
	Area for filling shipping instruction	Input	Fill shipping instruction of the customer
	Checkbox for rush order placement	Select	Update the rush order status
	Submit button	Click	Save information and process to check rush order
	Cancel button	Click	Cancel the current order

Screen	Deliver screen			
Field name	**Type**	**Limitation**	**Attribute**	**Remarks**
Province/City	Select from list	None	None	None
District	Select from list	None	None	None
Rush order option	Checkbox	None	None	None

Rush Order's Additional Information

Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge
Screen specification	**Rush Order's Additional Information**	10/11/2022			Pham Hai Dang
		Control	**Operation**	**Function**	
		Area for inputting shipping detail	Initial	Update shipping detail	
		Area for inputting delivery instruction	Input	Update the delivery instruction of order	
		Area for selected expected delivery time	Select	Update the delivery expected time of order	
		Confirm button	Click	Save information and process to invoice screen	
		Cancel button	Click	Cancel the current order	

The screen contains: AIMS logo with "Rush order information" title, Supported items section showing "Spy x family Season 1", Total: 100.000 VND x 2, Shipping detail with From and To fields, Shipping detail text area, Shipping instruction text area, Submit button and Cancel button.

Invoice Screen

Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge
Screen specification	**Invoice Screen**	10/11/2022			Pham Hai Dang
		Control	Operation	Function	
		Area for displaying the selected address	Initial	Display the selected shipping address	
		Area for displaying the customer's phone number	Initial	Display the customer's phone number	
		Area for displaying the customer's name	Initial	Display the customer's name	
		Area for displaying the	Initial	Display the customer's instruction	

The Invoice screen shows: AIMS logo with "Invoice" title, Name: Pham Hai Dang, Phone number: 0123456789, Province/City: Hanoi, District: Hai Ba Trung, Address: 1st Dai Co Viet street, Shipping instruction: Ship nhanh cho them tien, Delivery time: 22h00 - 24h00 9/11/2022, Subtotal: 200.000 VND, VAT (10%): 20.000 VND, Voucher: 20.000 VND, Shipping fee: 20.000 VND, Total: 220.000 VND. List of items: Spy x family Season 1 Total: 100.000 VND x 2 (rush order), Spy x family Season 1 Total: 100.000 VND x 2 (normal order), Confirm button.

	customer's instruction		
	Area for displaying the customer's expected delivery time	Initial	Display the customer's expected delivery time
	Area for displaying the shipping fee	Initial	Display the customer's shipping fee
	Area for displaying the product list with specified info for each product	Initial	Display the customer's product list
	Confirm button	Click	Save information and process to invoice screen

Screen	Normal order invoice & Rush order invoice screen			
Field name	**Type**	**Limitation**	**Attribute**	**Remarks**
Media title	Text	40 characters	Bold, black	Left-justified
Price	Digits	10 digits	None	Left-justified Dot for thousand separation
Item total				
Subtotal				
VAT				
Shipping fee				
Total			Red	
Currency	Text	3 characters	All caps	None
Item thumbnail	Image	163x128 pixels	None	None
Customer name	Text	50 characters	Italic	None
Province/City		30 characters		
District		30 characters		
Address		100 characters		
Shipping instruction		100 characters		
Customer phone	Digits	10 digits	Italic	None

Payment Screen

Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge
Screen specification	**Payment Screen**	10/11/2022			Pham Hai Dang
		Control	Operation	Function	
		Area for choosing the	Click	Choose the payment method	

	Control	Operation	Function
	payment method		
	Area for filling card number	Type	Fill the card number of the customer
	Area for filling card holder	Type	Fill the holder of the card
	Area for filling the expiration date of the card	Type	Fill the expiration date of the card
	Area for filling security code of the card	Type	Fill the security code of the card
	Confirm payment button	Click	Confirm payment

Result Screen

Aims Software		Date of creation	Approved by	Reviewed by	Persion in charge
Screen specification	**Result Screen**	10/11/2022			Pham Hai Dang
		Control	**Operation**	**Function**	
		Area for displaying successful order	Initial	Display successful order	
		Back	Click	Back to home screen	
		Buy again	Click	Back to cart screen	