

## Screen specifications of EcoBike

### Screen configuration

#### Display

**Screen resolution:** 1366x768px

**Number of colors supported:** 16,177,216 colors

#### Screen

**Size:** 1200 x 600px

**Main background color:** #E5FFCC (R: 229, G: 255, B: 204)

**Location of buttons:** Bottom center of the frame

**Logo:** 100x100 px

**Header logo:** 100x100 px, located top left of the screen

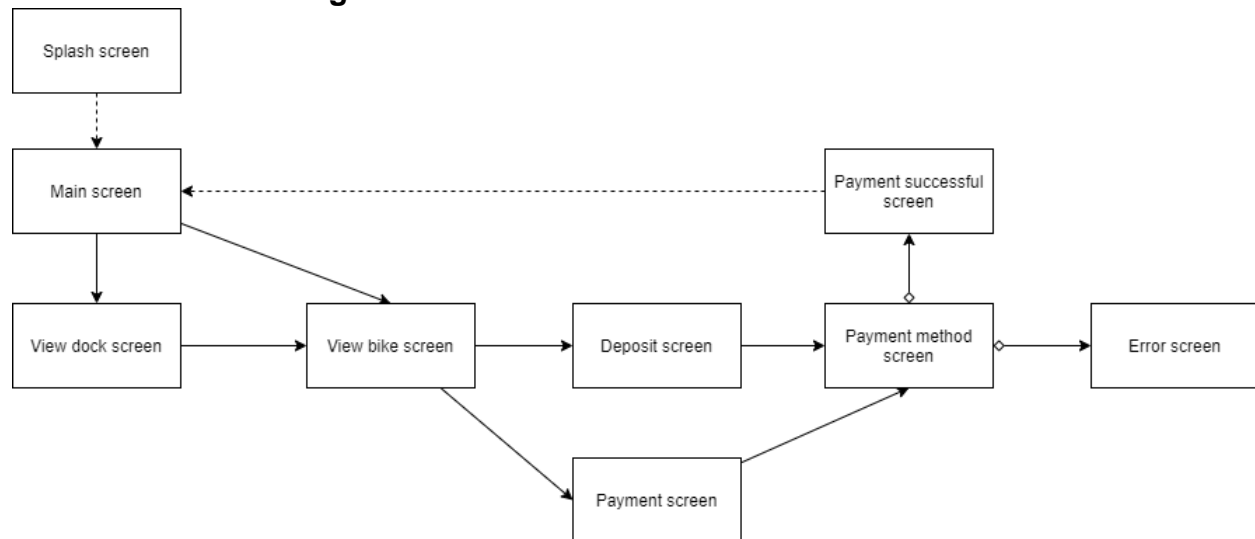
**Header/Screen title:** System, Regular, 24px, green

**Numbers:** comma for thousand separation, dot for decimal separation

**Text:** System, size at most 24px


### Main screen mockups

#### Screen transition diagram

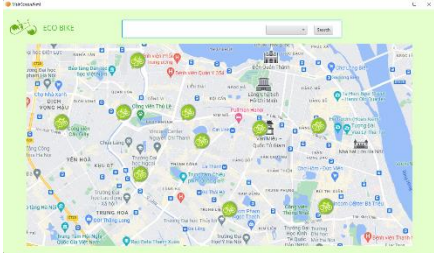


#### Splash screen

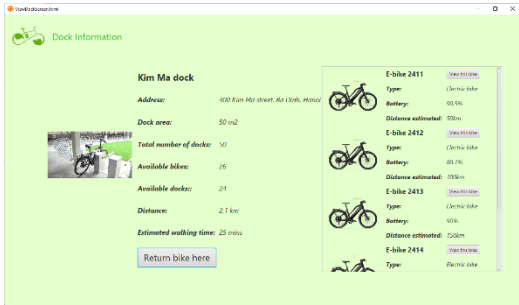
EcoBike Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Splash screen	01/01/2023			Bien
		Control	Operation	Function	

	Main area	None	Introduce the application
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## Main screen

EcoBike Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Main screen	01/01/2023			Bien
		Control	Operation	Function	
		Header logo	Click	Return immediately to main screen	
		Search bar	Type, select & click	Type in information and select search type to search for docks or bikes	
		Main area	Initial	Display map at current location of users and nearby docks in term. The pins of docks can be clicked to see docks details	

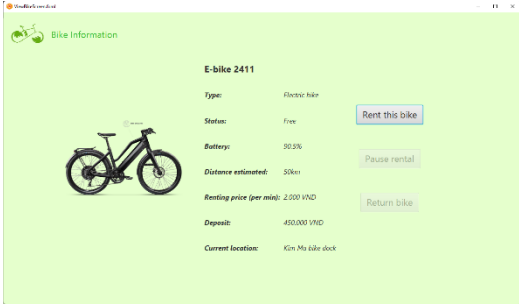
## View Dock Screen

EcoBike Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	View Dock screen	01/01/2023			Bien
		Control	Operation	Function	
		Logo	Click	Return to the main screen immediately	
		Header	Initial	Display title of screen	
		Dock information	Initial	Display dock information	
		Return bike	Click	Allow user to start return bike process at the dock	
		Bike list	Click	Display brief details about bikes available in current dock. Allow choosing each bike	

			to see detailed information
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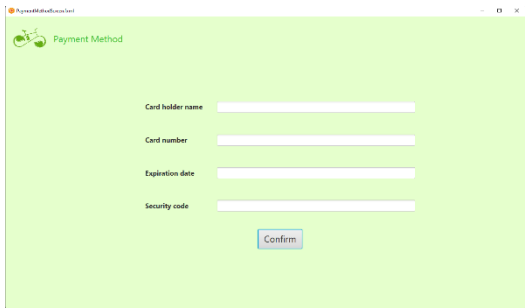
Screen	View dock Screen			
Field name	Type	Limitation	Attribute	Remarks
Dock name	Text	50 characters	Bold, italic	Left-justified
Bike name				
Dock address	Text	50 characters	Italic	Left-justified
Dock area	Digits	None	Italic	Comma for thousand separation
Total number of docks	Digits	None	Italic	None
Number of available bikes				
Number of available docks				
Distance to dock				
Distance bike can travel				In terms of kms
Battery				In terms of percentage Comma for decimal separation Ends with percentage notation
Estimated walking time				In terms of minutes

## View Bike screen

EcoBike Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	View bike screen	01/01/2023			Bien
		Control	Operation	Function	
		Logo	Click	Return to the main screen immediately	
		Header	Initial	Display title of screen	
		Bike information	Initial	Display bike information	
		Option pane	Click	Allow customer to perform renting, pause or return bike	

Screen	Normal order invoice & Rush order invoice screen			
Field name	Type	Limitation	Attribute	Remarks
Bike name	Text	50 characters	Bold	Left-justified
Type	Text	16 characters	Italic	None
Status	Text	Free/Rented	Italic	None
Battery	Digits	4 digits	Italic	2 digits after decimal separator
Time rented	Digits	None	Italic	In terms of minutes, only appear if the status is Rented
Estimated distance bike can go	Digits	4 digits	Italic	In terms of kms
Renting price	Digits	None	Italic	Comma for thousand separation
Deposit price	Digits	None	Italic	Comma for thousand separation
Current location	Text	50 characters	Italic	Left-justified

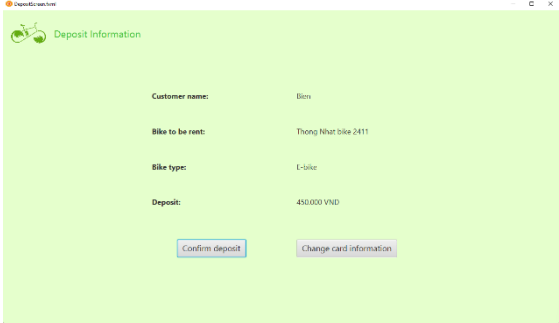
### Paying method screen

EcoBike Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Paying method screen	01/01/2023			Bien
		Control	Operation	Function	
		Logo	Click	Return to the main screen immediately	
		Header	Initial	Display title of screen	
		Payment	Initial	Display information of paying method	
		Button	Click	Allow customer confirm to the paying method	

Screen	Normal order invoice & Rush order invoice screen			
Field name	Type	Limitation	Attribute	Remarks
Card holder name	Text	50 characters	None	Left-justified
Card number	Text	16 characters	None	A valid card number

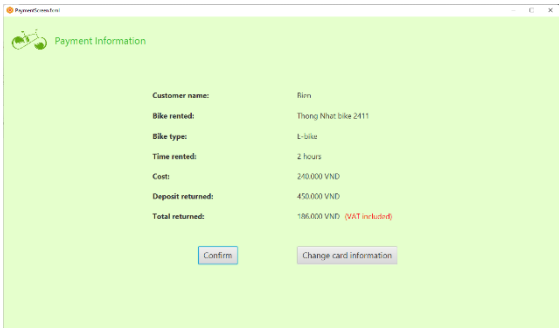
Expiration date	Text	None	None	A valid date
Security code	Digits	4 digits	None	None

## Deposit screen

EcoBike Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Payment screen	01/01/2023			Bien
		Control	Operation	Function	
		Logo	Click	Return to the main screen immediately	
		Header	Initial	Display title of screen	
		Information of payment	Initial	Display information of payment	
		Button	Click	Allow customer confirm to deposit the bike	

Screen	Normal order invoice & Rush order invoice screen			
Field name	Type	Limitation	Attribute	Remarks
User's name	Text	50 characters	None	Left-justified
Bike rent	Text	50 characters	None	None
Type of bike rent	Text	16 characters	None	None
Deposit price	Digits	None	None	Including subtotal and VAT

## Payment screen

EcoBike Software		Date of creation	Approved by	Reviewed by	Person in charge
Screen specification	Payment screen	01/01/2023			Bien
		Control	Operation	Function	
		Logo	Click	Return to the main screen immediately	
		Header	Initial	Display title of screen	
		Information of payment	Initial	Display information of payment	
		Buttons	Click	Allow customer confirm to pay or update card info	

Screen	Normal order invoice & Rush order invoice screen			
Field name	Type	Limitation	Attribute	Remarks
User's name	Text	50 characters	None	Left-justified
Bike rented	Text	50 characters	None	
Type of bike rent	Text	16 characters	None	None
Time rent	Text	Free/Rented	None	None
Battery	Digits	4 digits	None	2 digits after decimal separator
Time rented	Digits	None	None	In terms of minutes, only appear if the status is Rented
Subtotal	Digits	None	None	Current VND, cost for renting bike
Total	Digits	None	None	Including subtotal and VAT