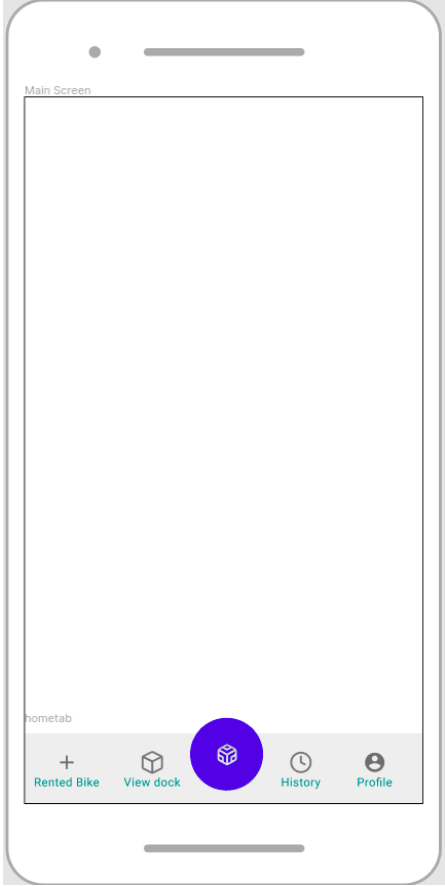
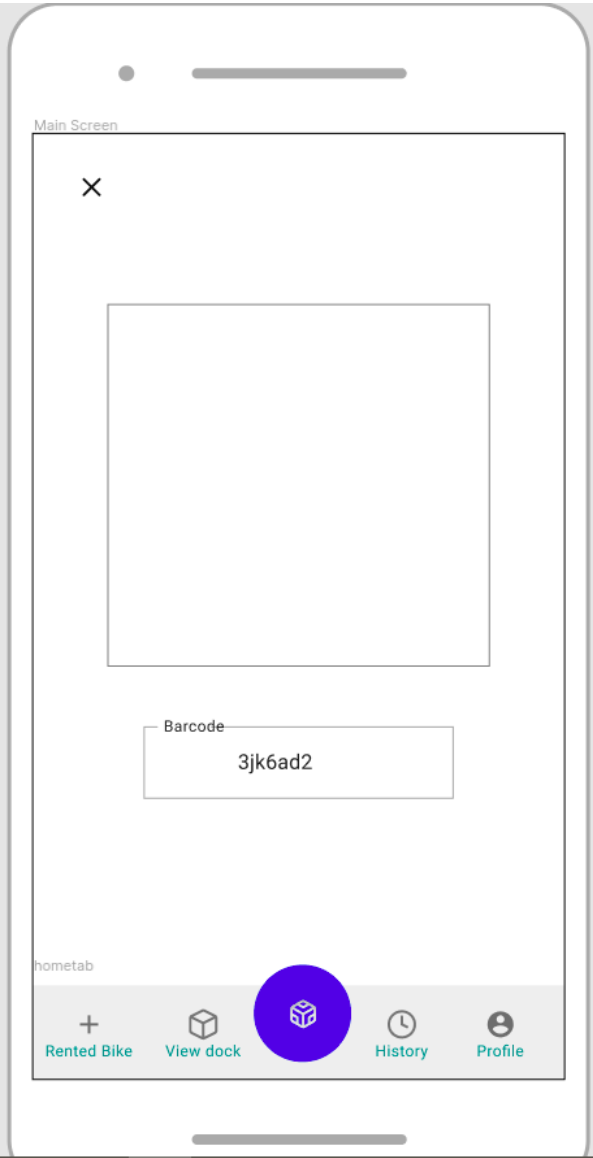


## Screen specification

### 1. Home Menu Bar

Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Home Menu Bar	07/11/2020	Nguyễn Xuân Hoàng	
		Control	Operation	Function
		Area for viewing Rented Bike	Click	View rented Bike
		Area for viewing dock	Click	View docks
		Area for viewing renting history	Click	View History
		Area for viewing profile	Click	View Profile
		Area for displaying Renting Bike Screen	Click	Request to rent a Bike

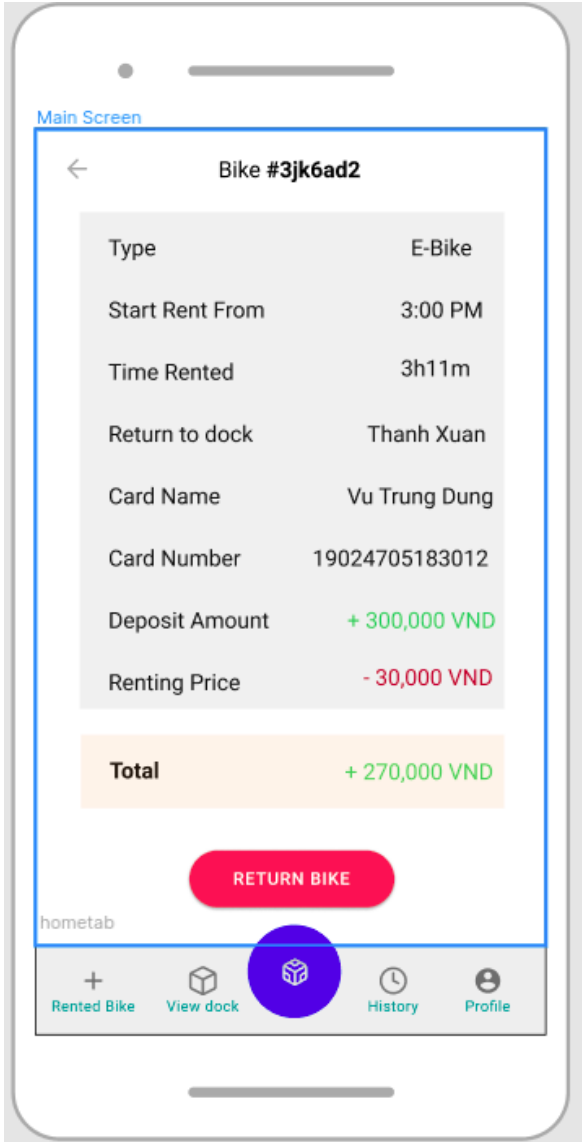
## 2. Rent Bike Screen

Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Rent Bike Screen	07/11/2020	Nguyễn Xuân Hoàng	
		Control	Operation	Function
		Area for Scanning Barcode	Initial	Scanning Bike's Barcode
		Area for inputting barcode	Focus	Getting barcode if scanning not working
		Area for Escape Screen	Click	Escape the screen

### Defining the field attributes

Screen name	Rent Bike Screen			
Item name	Number of digits	Type	Field attribute	Remarks
Barcode	8	String	Black	center-justified

### 3. Confirm Return Bike Screen

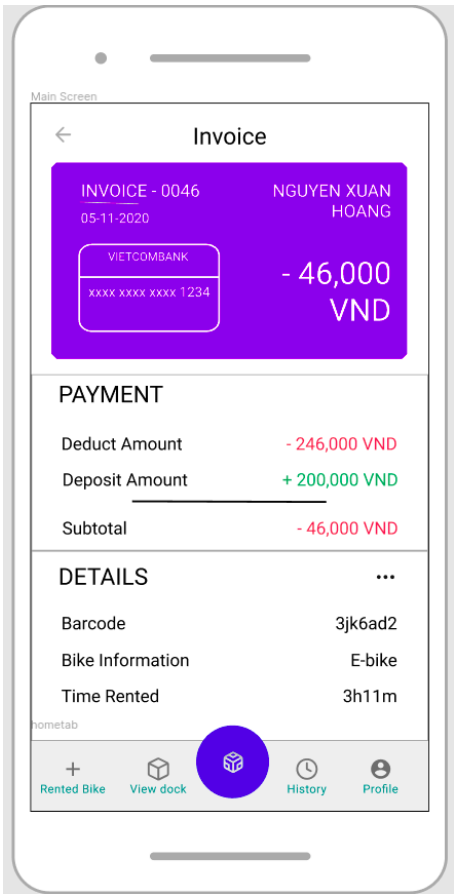
Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Confirm Return Bike Screen	07/11/2020	Nguyễn Xuân Hoàng	
		Control	Operation	Function
		Area for displaying Bike barcode	Initial	Displaying Bike barcode
		Area for displaying Renting Information	Initial	Displaying Renting Information
		Area for displaying total price for renting	Initial	Calculating amount of money for renting
		Return Bike button	Click	Displaying Invoice Screen
		Escape Button	Click	Cancel the Return Bike Screen

### Defining the field attributes

Screen name	Confirm Return Bike Screen	
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Item name	Number of digits	Type	Field attribute	Remarks
Bike's Barcode	8	String	Black, bold	center-justified
Bike's Type	10	String	Black	Right-justified
Start Renting Time	10	Time	Black	Right-justified
Time Rented	10	Time	Black	Right-justified
Return to Dock	50	String	Black	Right-justified
Card name	50	String	Black	Right-justified
Card Number	16	Number	Black	Right-justified
Deposit Amount	50	String	Green	Right-justified
Renting Bike	50	String	Red	Right-justified
Total	50	String	Green	Right-justified

## 4. Invoice Screen

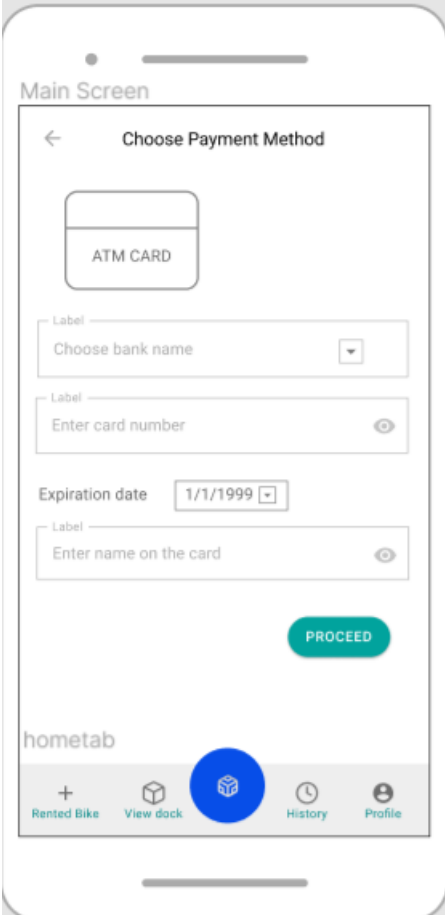
Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Invoice Screen	07/11/2020	Nguyễn Xuân Hoàng	
		Control	Operation	Function
		Area for displaying customer Information	Initial	Displaying customer Information
		Area for payment Information	Initial	Displaying payment Information
		Area for displaying rented bike	Initial	Displaying details information about rented bike
		Escape Button	Click	Cancel the Return Bike Screen

### Defining the field attributes

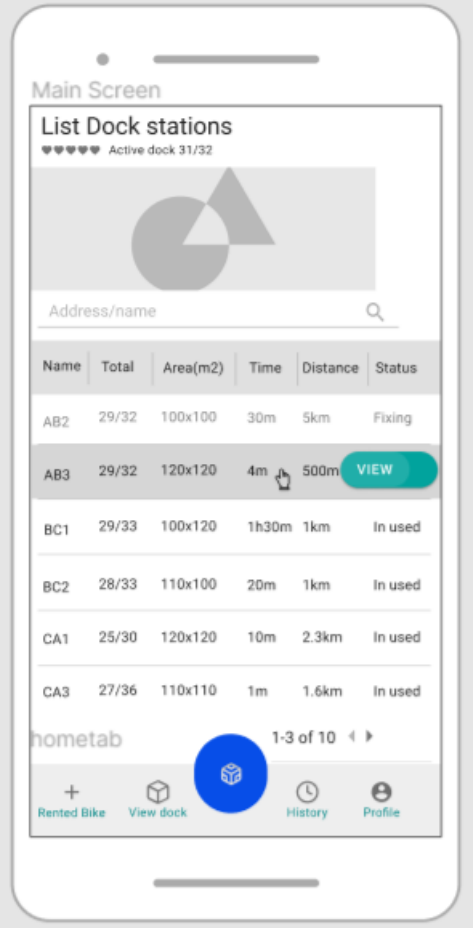
Screen name	Invoice Screen			
Item name	Number of digits	Type	Field attribute	Remarks
Bike's Barcode	8	String	Black, bold	center-justified
Bike's Type	10	String	Black	Right-justified
Card name	50	String	White	Left-justified
Card Number	16	Number	White	Left-justified
Deposit Amount	50	String	Green	Right-justified
Renting Bike	50	String	Red	Right-justified

Subtotal	50	String	Green	Right-justified
Customer's Name	50	String	White	Left-justified
Created Date	20	Date	White	Left-justified

## 5. Choose payment method screen

Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Home Menu Bar	07/11/2020	Nguyễn Trung Nghĩa	
		Control	Operation	Function
		Area for choosing bank name	Click – choose from a list	View list bank
		Area for entering card number	Click	Fill in card number
		Area for choosing date	Click – choose from lists	Fill in expiration date
		Area for entering name on the card	Click	Fill in name on the card
		Area for sending the form	click	Send the form

## 6. List dock stations screen

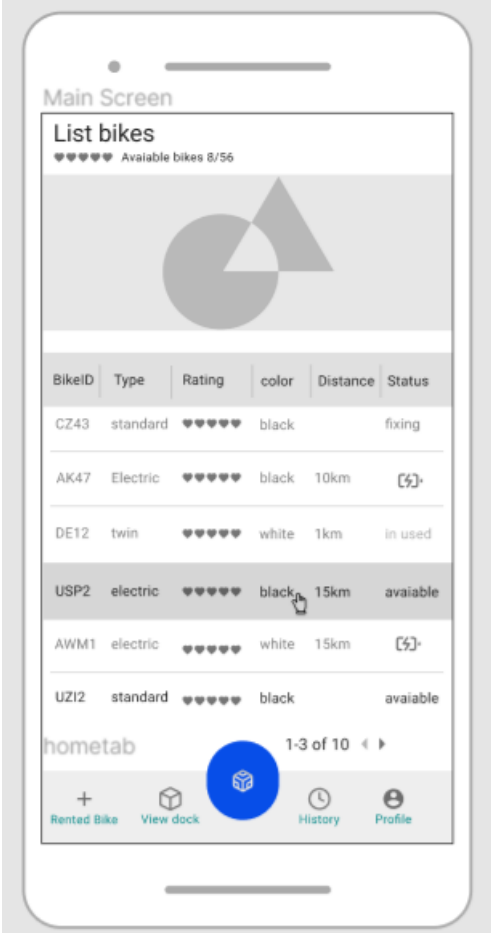
Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Rent Bike Screen	07/11/2020	Nguyễn Trung Nghĩa	
		Control	Operation	Function
		Area for search dock station	Click	Find dock by address or name
		Area for view bike detail	Click	View detail information of bike in station
		Area for viewing next or previous page of table	Click	View table
		Area for displaying the name of dock	Initial	displaying the name of dock
		Area for displaying number of bike in dock	Initial	displaying number of bike in dock
		Area for displaying area of the dock	Initial	displaying area of the dock
		Area for displaying min time to walk to the dock	Initial	displaying min time to walk to the dock
		Area for displaying distance from current position to the dock	Initial	displaying distance from current position to the dock
		Area for displaying status of the dock	Initial	displaying status of the dock

### Defining the field attributes

Screen name	Rent Bike Screen			
Item name	Number of digits	Type	Field attribute	Remarks
Search bar	many	String	Black	Left-justified



## 7. View bike in dock station screen

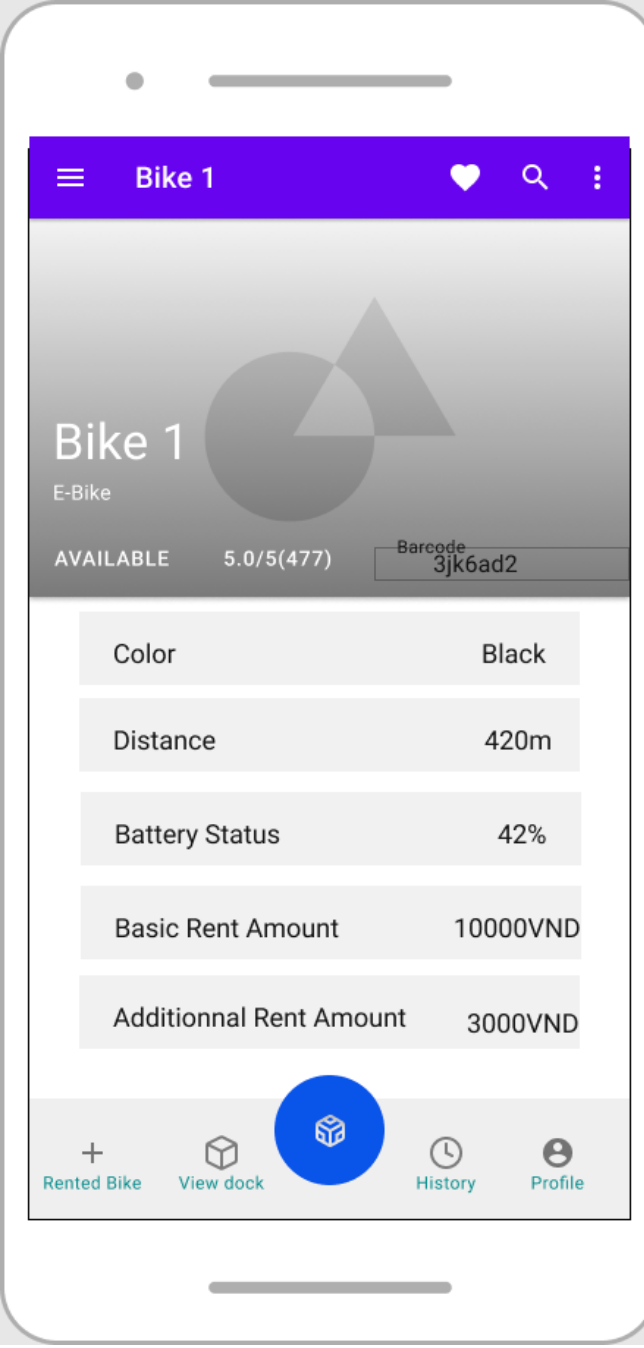
Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Confirm Return Bike Screen	07/11/2020	Nguyễn Trung Nghĩa	
		Control	Operation	Function
		Area for displaying the bikeID or bike code	Initial	displaying the bikeID or bike code
		Area for displaying bike type	Initial	displaying bike type
		Area for displaying rating for that bike	Initial	displaying rating for that bike
		Area for displaying color of the bike	Initial	displaying color of the bike
		Area for displaying battery status of the bike	Initial	displaying battery status of the bike
		Area for viewing pages of tables	Click	viewing pages of tables
		Area for displaying maximum distance the bike can go (e-bike)	Initial	displaying maximum distance the bike can go (e-bike)

### Defining the field attributes

Screen name	Confirm Return Bike Screen			
Item name	Number of digits	Type	Field attribute	Remarks
Bike's ID	8(max)	String	Black	Left-justified
Bike's Type	10(max)	String	Black	Left-justified

Bike's rating	10(max)	String	Black	Left-justified
Bike's status		String or image	Black	Left-justified
Distance	10(max)	String	Black	Left-justified

8. View Bike Screen

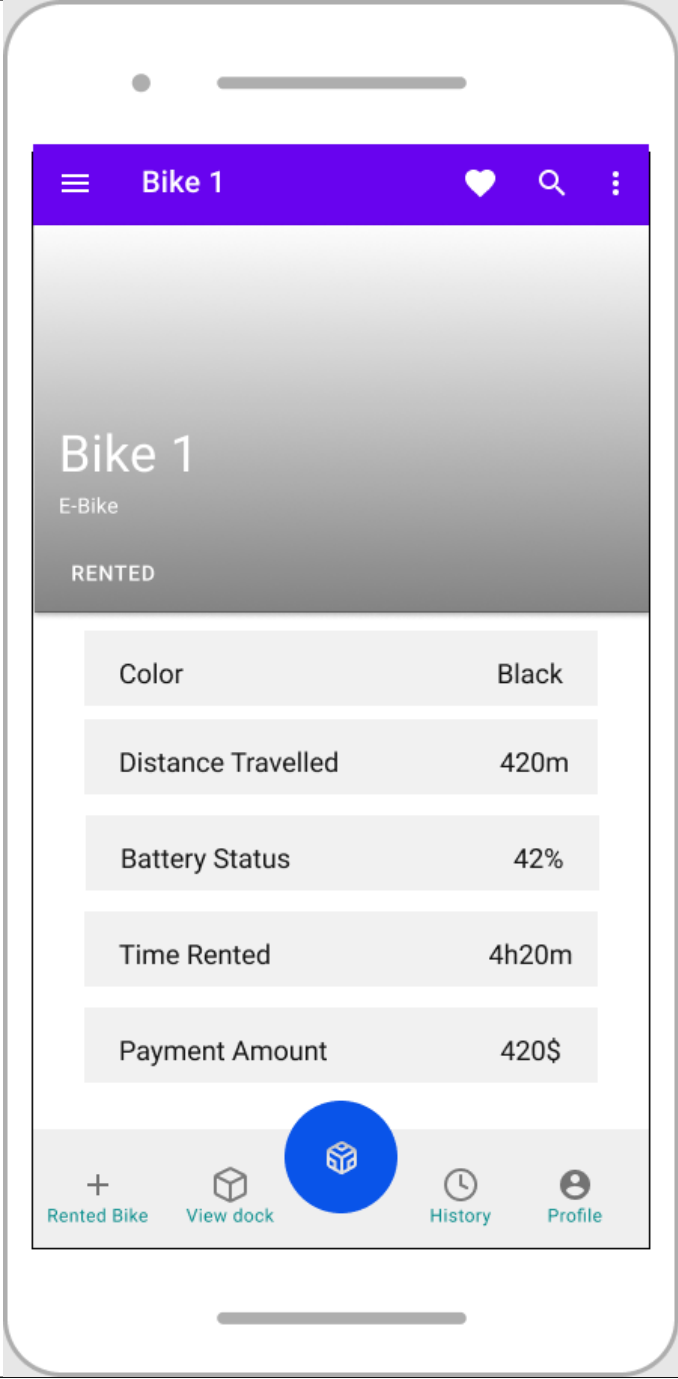
Eco Bike Rental		Date of creation	Person in charge	
Screen specification	View Bike Screen	07/11/2020	Nguyễn Ngọc Quý	
		Control	Operation	Function
		Area for viewing bike	Initial	Display bike Information
		Area for bike barcode	Initial	Display bike barcode

Defining the field attributes

Screen name	Rent Bike Screen			
Item name	Number of digits	Type	Field attribute	Remarks

Barcode	8	String	Black	center-justified
Bike Name	10	String	Black	Left-justified
Bike Type	10	String	Black	Left-justified
Bike Availability	10	String	Black	Left-justified
Bike Rating	10	Float	Black	Left-justified
Bike Color	10	String	Black	Right-justified
Bike Distance	10	Float	Black	Right-justified
Bike Battery Status	10	Float	Black	Right-justified
Basic Rent Amount	10	Float	Black	Right-justified
Additional Rent Amount	10	Float	Black	Right-justified

9. View Rented Bike Screen

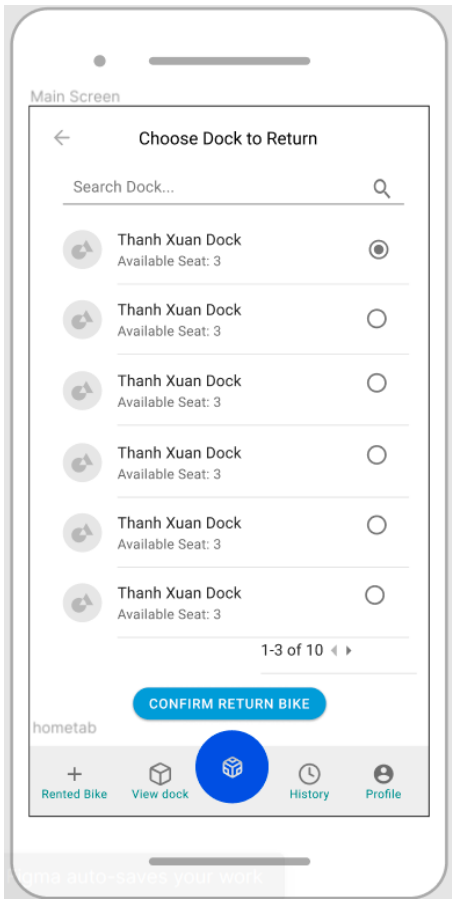
Eco Bike Rental		Date of creation	Person in charge	
Screen specification	View Rented Bike Screen	07/11/2020	Nguyễn Ngọc Quý	
		Control	Operation	Function
		Area for viewing Rented Bike	Initial	View rented bike

Defining the field attributes

Screen name	Rent Bike Screen			
Item name	Number of digits	Type	Field attribute	Remarks

Bike Name	10	String	Black	Left-justified
Bike Type	10	String	Black	Left-justified
Bike Color	10	String	Black	Right-justified
Bike Distance Traveled	10	Float	Black	Right-justified
Bike Remaining Battery Status	10	Float	Black	Right-justified
Bike Rented Time	10	Float	Black	Right-justified
Payment Amount Estimated	10	Float	Black	Right-justified

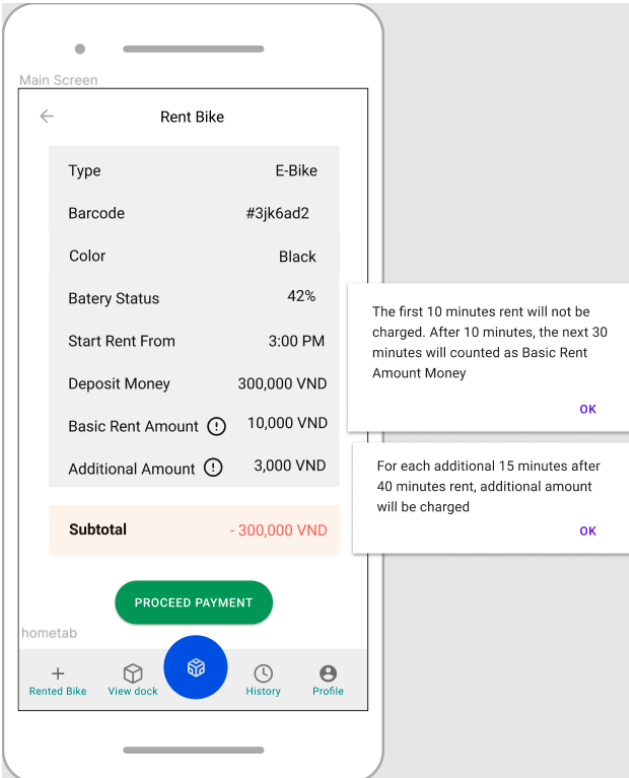
## 10. Choose Dock To Return Bike Screen

Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Choose Dock To Return Bike Screen	07/11/2020	Vũ Trung Dũng	
		Control	Operation	Function
		Area for Searching for Dock	Fill	Searching for dock to return bike by it's name
		Area for displaying dock	Initial	Showing list of dock with it's available seat for returning bike
		Area for Pagination	Click	Each list of dock will be scale to pages, and this area is to move between pages
		Confirm return bike button	Click	Confirm that user will return bike to that dock and move to confirm return bike screen
		Area for Escape Screen	Click	Escape the screen

## Defining the field attributes

Item name	Number of digits	Type	Field attribute	Remarks
Search bar	many	String	Black	Left-justified
Dock's name	50	String	Black	Left-justified
Available Seat	10	Number	Black	
Dock's Picture		Picture		

## 11. Confirm Rent Bike Screen

Eco Bike Rental		Date of creation	Person in charge	
Screen specification	Confirm Rent Bike Screen	07/11/2020	Vũ Trung Dũng	
		Control	Operation	Function
		Area for Searching for Dock	Fill	Searching for dock to return bike by it's name
		Area for displaying Initial Renting Information	Initial	Displaying Initial Renting Information
		Area for displaying subtotal price before renting	Initial	Calculating amount of money need to deposit before renting bike
		Proceed Payment Button	Click	Confirm to rent the bike and proceed to Choose Payment Method Button
		Basic Rent Amount Info button	Click	Showing Information Popup about Basic Rent Amount
		Additional Rent Amount Info button	Click	Showing Information Popup about Additional Amount
		Escape Button	Click	Cancel the Confirm Rent Bike Screen

## Defining the field attributes

Item name	Number of digits	Type	Field attribute	Remarks
Bike's Barcode	8	String	Black,	Right-justified
Bike's Type	10	String	Black	Right-justified

Bike's Color	10	String	Black	Right-justified
Batery Status	4	String	Black	Right-justified
Start Rent From	10	Time	Black	Right-justified
Deposit Money	50	String	Black	Right-justified
Basic Rent Amount	50	String	Black	Right-justified
Additional Rent Amount	50	String	Black	Right-justified
Subtotal	50	String	Red	Right-justified