## 1. Home Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Home Screen | 10/11/2021 |  |  | Pham Thi Duyen |
|  | | Control | Operation | Function | |
| Icon logo | Initial | Display Home Screen | |
| Area for display items in the list dock | Initial | Display the dock with some introduction infomation | |
| Input to search bike by Code | Input | Enter code to find bike | |
| Pagination | Click | Display list dock in page number | |
| “Xem chi tiết” Button | Click | Display the Dock View Screen | |
| Search Button | Click | Display the Bike Info Screen | |
| “Xem thông tin xe đang thuê” Button | Click | Display the Rented Bike Info Screen | |

|  |  |
| --- | --- |
| Screen name | Home Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Name of dock | 100 | Text | Black | Left-justified |
| Number of bikes | 3 | Numeral | Black | Left-justified |
| Position of dock | 100 | Text | Black | Left-justified |

## 2. DockViewScreen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Dock View Screen | 17/11/2021 |  |  | Nguyen Thi Tham |
| Ảnh có chứa văn bản  Mô tả được tạo tự động | | Control | Operation | Function | |
| Area for  displaying dock information | Initial | Display address, area, number of available bikes, number of empty slots | |
| Area for displaying slot information | Initial | Display the information of each slot in dock | |
| “Xem Chi Tiết” Button | Click | Click to view detail information of bike in slot | |
| Pagination | Click | Move to next list of slots | |

|  |  |
| --- | --- |
| Screen name | Dock View Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Address | 300 | Text | Black | Left-justified |
| Area | 10 | Numeral | Black | Left-justified |
| Number of bikes | 10 | Numeral | Black | Left-justified |
| Number of empty slots | 10 | Numeral | Black | Left-justified |
| No of slots | 10 | Numeral | Block | Center |
| Type of bike | 50 | Text | Bold, Black | Left-justified |
| Bike plate number | 50 | Text | Bold, Black | Left-justified |
| Battery | 10 | Numberal | Percentage, Bold, Black | Left-justified |

## 3. Bike Info Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Bike Info Screen | 10/11/2021 |  |  | Pham Thi Duyen |
|  | | Control | Operation | Function | |
| Area for display bike’s image | Initial | Display the image of dock | |
| Area for display information of bike | Initial | Display information of bike | |
| Radio button choose rent method | Change | Display option rent method | |

|  |  |
| --- | --- |
| Screen name | Bike Info Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Name of bike | 50 | Text | Black | Left-justified |
| Code of bike | 10 | Text | Black | Left-justified |
| Rent price | 6 | Int | Black | Left-justified |
| License plates | 10 | Text | Black | Left-justified |
| Location | 100 | Text | Black | Left-justified |
| Type of bike | 50 | Text | Black | Left-justified |
| Pin | 50 | Text | Black | Left-justified |

## 4. PaymentScreen-RentBike

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Payment Screen after rent bike | 17/11/2021 |  |  | Nguyen Thi Tham |
|  | | Control | Operation | Function | |
| Area for  displaying payment guideline | Initial | Notify that the deposit will be refund after paying rental fee successfully | |
| Area for displaying information of deposit | Initial | Display information about deposit | |
| Area for entering payment information | Enter | Get information for processing payment | |
| “Thực hiện thanh toán” Button | Click | Confirm to process payment | |

|  |  |
| --- | --- |
| Screen name | Payment Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Type of bike | 50 | Text | Bold, Black | Left-justified |
| Bike price | 10 | Numeral | Black | Left-justified |
| Deposit | 10 | Numeral | Black | Left-justified |
| Bank | 50 | Text | ComboBox | Left-justified |
| Card numebr | 50 | Numeral | Black | Left-justified |
| Card Owner | 300 | Text | Black, Capital | Left-justified |
| Expired Date | 10 | Text | Black | Left-justified |
| CVV | 10 | Text | Black | Left-justified |

## 5. Result Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Result Screen | 17/11/2021 |  |  | Pham Thi Duyen |
|  | | Control | Operation | Function | |
| Area for display title | Initial | Display title of popup | |
| Area for display information of transaction | Initial | Display information of transaction | |

|  |  |
| --- | --- |
| Screen name | Result Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Date of transaction |  | DateTime | Black | Left-justified |
| Transaction Code | 50 | Text | Black | Left-justified |
| Account | 255 | Text | Black | Left-justified |
| Bank Name | 100 | Text | Black | Left-justified |
| Service | 100 | Text | Black | Left-justified |
| Amount | 100 | Text | Black | Left-justified |
| Content | 255 | Text | Black | Left-justified |

## 6. Rented bike info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Rented Bike Info Screen | 17/11/2021 |  |  | Pham Thi Van |
|  | | Control | Operation | Function | |
| Area for  displaying the image | Initial | Display image of bike | |
| Area for  Displaying the info of bike | Initial | Display info of rented bike | |
| Return Bike Button | Click | Display the Dock Return Screen | |

|  |  |
| --- | --- |
| Screen name | Rented Bike Info Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Type | 50 | Text | Black | Left-justified |
| Time | 4 | Numeral | Black | Left-justified |
| Amount | 20 | Numeral | Black | Left-justified |
| Current battery capacity | 50 | Text | Black | Left-justified |

## 7. Return Bike Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Return Bike Screen | 17/11/2021 |  |  | Pham Thi Van |
|  | | Control | Operation | Function | |
| List of dock | Initial | Display list of dock | |
| Area for  Displaying the info of dock | Initial | Display info of dock | |
| Choose Button | Click | Display the Payment Screen | |

|  |  |
| --- | --- |
| Screen name | Return Bike Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Title | 50 | Text | Black | Left-justified |
| Address | 50 | Text | Black | Left-justified |
| Area | 4 | Numeral | Black | Left-justified |
| Current Amount Bike | 3 | Numeral | Black | Left-justified |
| Empty slots | 3 | Numeral | Black | Left-justified |

## 8. PaymentScreen-ReturnBike

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EcobikeRental software | | Date of creation | Approved by | Reviewed  by | Person in change |
| Screen specification | Payment Screen after returning bike | 17/11/2021 |  |  | Nguyen Thi Tham |
|  | | Control | Operation | Function | |
| Area for  displaying payment guideline | Initial | Notify that the deposit will be refund after paying rental fee successfully | |
| Area for displaying information of rental fee | Initial | Display information about rental fee | |
| Area for entering payment information | Enter | Get information for processing payment | |
| “Thực hiện thanh toán” Button | Click | Confirm to process payment | |

|  |  |
| --- | --- |
| Screen name | Payment Screen Screen |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Type of bike | 50 | Text | Bold, Black | Left-justified |
| Rental time | 10 | Numeral | Black | Left-justified |
| Price multiple | 10 | Numeral | Black | Left-justified |
| Rental fee | 10 | Numeral | Black | Left-justified |
| Use card of deposit | 10 | Numeral | Black | Left-justified |
| Bank | 50 | Text | ComboBox | Left-justified |
| Card numebr | 50 | Numeral | Black | Left-justified |
| Card Owner | 300 | Text | Black, Capital | Left-justified |
| Expired Date | 10 | Text | Black | Left-justified |
| CVV | 10 | Text | Black | Left-justified |