Screen Specifications

For Dock View Screen and Bike View Screen

# Dock View Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EBR Software | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Dock View Screen | 7/11/2020 |  |  | Bùi Tú Hoàng |
|  | | Control | Operation | Function | |
| Enter Barcode Button | Click | Display Barcode Popup Screen | |
| Back Button | Click | Back to Home Screen | |
| Rent Bike Button | Click | Display Bike View Screen | |
| EBR Home Screen Button | Click | Display Home Screen | |
| Area for Displaying Number of Spots and Bikes | Initial | Displaying Number of Spots and Bikes | |
| Area for Displaying Bike in the Dock | Initial | Displaying Bike in the Dock | |

Defining the field attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Screen name | Dock View Screen | | | |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Number of Spot | 3 | Numeral | Black | Right justified |
| Number of Standard Bike | 3 | Numeral | Black | Right justified |
| Number of Twin Bike | 3 | Numeral | Black | Right justified |
| Number of E-Bike | 3 | Numeral | Black | Right justified |
| Bike Barcode | 10 | String | Black | Center justified |
| Battery Left | 4 | String | Green | Center justified |
| Bike Type | 6 | Numeral | Black | Center justified |

# Bike View Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EBR Software | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Bike View Screen | 7/11/2020 |  |  | Bùi Tú Hoàng |
|  | | Control | Operation | Function | |
| Back Button | Click | Back to the Dock View screen. | |
| Rent Now Button | Click | Display Payment Screen | |
| EBR Home Screen Button | Click | Display Home Screen | |
| Area for displaying the Bike Information | Initial | Displaying the Bike Information and Deposit | |
| Area for displaying Renting Charge | Initial | Displaying Renting Charge | |

Defining the field attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Screen name | Bike View Screen | | | |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Bike Code | 8 | String | Black | Left justified |
| Location | 30 | String | Black | Left justified |
| Battery | 4 | String | Black | Left justified |
| Usage | 25 | String | Black | Right justified |
| Deposit | 15 | String | Purple | Right justified |
| Charge | 15 | String | Green | Right justified |
| Number of Saddle | 1 | Numeral | Black | Left justified |
| Number of Rear Seat | 1 | Numeral | Black | Left justified |
| Number of Pedal | 1 | Numeral | Black | Left justified |