Screen Specifications

For Dock View Screen and Bike View Screen

# Renting Session Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EBR Software | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Renting Session Screen | 7/11/2020 |  |  | Nguyễn Mạnh Khang |
|  | | Control | Operation | Function | |
| Enter Barcode Button | Click | Display Barcode Popup Screen | |
| Back Button | Click | Navigate to the previous screen. | |
| Return Bike button | Click | Display Invoice Screen | |
| EBR Home Screen Button | Click | Display Home Screen | |
| Play/Pause Button | Click | Pause session | |
| Area for displaying the Session Information | Initial | Displaying the Session Information and Deposit | |
| Area for displaying Renting Fees | Initial | Displaying Renting Fees | |
| Close button | Click | Display Home Screen | |

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 |
| Start time | 30 | String | Black | Left justified |
| Battery | 4 | String | Black | Left justified |
| Usage | 25 | String | Black | Left justified |
| Session length | 8 | String | Black | Left justified |
| Charge | 15 | String | Green | Right justified |
| Renting fees | 15 | String | Purple | Right justified |

# Invoice Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EBR Software | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Invoice Screen | 7/11/2020 |  |  | Nguyễn Mạnh Khang |
|  | | Control | Operation | Function | |
| Return Home Button | Click | Display Payment Screen | |
| Area for displaying the Session Information | Initial | Displaying the Session Information and Fees | |
| Area for displaying Returned | Initial | Displaying Returned money | |

Defining the field attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Screen name | Invoice Screen | | | |
| Item name | Number of digits (bytes) | Type | Field attribute | Remarks |
| Card number | 20 | String | Black | Left justified |
| Card Owner | 20 | String | Black | Left justified |
| Exp Date | 5 | Numeric | Black | Left justified |
| Security Code | 4 | Numeric | Black | Left justified |
| Start time | 30 | String | Black | Left justified |
| End time | 30 | String | Black | Left justified |
| Total fees | 30 | String | Green | Left justified |
| Deposit | 30 | String | Green | Left justified |
| Returned | 30 | String | Green | Right justified |