Screen Specifications

1. Splash screen



1. Home screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Home screen | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\HomeScreen\HomeScreen.png | | Control | Operation | Function | |
| View dock list | Initial | Xem danh sách các bãi đỗ xe. Chuyển sang Dock list screen. | |
| View renting bike | Initial | Xem chi tiết xe đạp đang thuê. | |

1. Dock list

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Dock list | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\DockListScreen\DockListScreen.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Home screen. | |
| See detail | Initial | Xem chi tiết bãi xe mà mình bấm chọn. Chuyển đến Dock detail screen. | |

Các trường thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Dock list | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Address | 100 | String | Đen |
| Bike | 3 | Numeral | Đen |
| Status | 10 | String | Đen |
| Distance | 10 | String | Đen |

1. Dock detail

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Dock detail | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\BikeListScreen\DockItemScreen.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Dock list screen. | |
| See detail | Initial | Xem chi tiết thông số của xe mà mình bấm chọn. Chuyển đến Bike detail screen. | |
| Rent a bike | Initial | Quyết định thuê xe sau khi bấm “See detail”. Chuyển đến Barcode form. | |

Các trường thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Dock detail | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Address | 100 | String | Đen |
| Bike | 3 | Numeral | Đen |
| Status | 10 | String | Đen |
| Distance | 10 | String | Đen |
| Type | 20 | String | Đen |
| License plate | 30 | String | Đen |
| Battery | 5 | String | Đen |

1. Bike detail

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Bike detail | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\BikeDetailScreen\BikeDetailScreen.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Dock detail screen. | |
| Confirm to rent | Initial | Đồng ý thuê xe với khoản tiền tương ứng. Chuyển tới Payment method screen để thực hiện thanh toán. | |

Các trường thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Bike detail | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Bike ID | 30 | String | Đen |
| Type | 20 | String | Đen |
| License plate | 30 | String | Đen |
| Battery | 5 | Numeral | Đen |
| Barcode | 20 | Numeral | Đen |
| Value | 20 | Numeral | Đen |
| Deposit | 20 | Numeral | Đen |

1. Payment form

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Payment form | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\PaymentForm\PaymentForm.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Payment method screen. | |
| Confirm | Initial | Xác nhận giao dịch thuê xe. | |

Các thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Bike detail | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Cardholder name | 50 | String | Đen |
| Card number | 30 | Numeral | Đen |
| Expiration date | 10 | DD/MM/YYYY | Đen |
| Issuing bank | 10 | String | Đen |
| Sercurity code | 10 | Numeral | Đen |
| Transaction content | 20 | String | Đen |

1. Renting detail

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Renting detail | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\RentalBikeDetailScreen\RentalBikeDetailScreen.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Home screen. | |
| Return bike | Initial | Xác nhận trả xe đạp đang thuê. Chuyển đến Dock return screen. | |

Các trường thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Bike detail | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Bike ID | 30 | String | Đen |
| Bike name | 50 | String | Đen |
| Bike Type | 20 | String | Đen |
| License plate | 30 | String | Đen |
| Remaining battery | 5 | Numeral | Đen |
| Rental time | 20 | dd:hh:mm:ss | Đen |
| Amount | 20 | Numeral | Đen |

1. Barcode – pop up

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Barcode – pop up | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\BarcodeForm\BarcodeForm.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Dock detail screen. | |
| Confirm | Initial | Xác nhận barcode bạn đã nhập. | |

Các trường thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Bike detail | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Barcode | 20 | Numeral | Đen |

1. Payment method

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Payment method | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\PaymentMethod\PaymentMethod.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Bike detail screen. | |
| Continue | Initial | Xác nhận phương thức thanh toán của bạn và tiếp tục. Chuyển đến Payment form screen. | |

1. Dock return screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Dock return screen | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\ReturnDockScreen\ReturnDockScreen.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Renting detail screen. | |
| Choose | Initial | Xác nhận điểm trả xe đạp mà bạn muốn. Chuyển sang invoice screen. | |

Các trường thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Dock list | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Address | 100 | String | Đen |
| No. Blank | 5 | Numeral | Đen |
| Status | 10 | String | Đen |

1. Invoice screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIMS | | Date of creation | Approved by | Reviewed by | Person in charge |
| Screen specification | Invoice screen | 31/12/2022 |  |  |  |
| F:\HUST\PROJECT\myprj\Capstone_TKXDPM.20221_Group3\Interface Design\GUI\InvoiceScreen\InvoiceScreen.png | | Control | Operation | Function | |
| Back | Initial | Chuyển về Dock return screen. | |
| Save invoice | Initial | Lưu lại hóa đơn của bạn. Chuyển về Home screen. | |

Các trường thuộc tính:

|  |  |  |  |
| --- | --- | --- | --- |
| Screen name | Dock list | | |
| Attribute | Number of digits (bytes) | Type | Field Attribute |
| Rentail’s name | 30 | String | Đen |
| Card number | 30 | Numeral | Đen |
| Expiration date | 30 | DD/MM/YYYY | Đen |
| Bike name | 30 | String | Đen |
| Rental dock | 20 | String | Đen |
| Return dock | 20 | String | Đen |
| Rental time | 20 | dd:hh:mm:ss | Đen |
| Rental amount | 20 | Numeral | Đen |
| Deposit | 20 | Numeral | Đen |
| Refund amount | 20 | Numeral | Đen |