Screen Configuration Standardizations
Display

Number of colors supported: 16,777,216 colors

Resolution: 1792 x 828 - Phone Resolution

Screen

Location of standard buttons: At the bottom (vertically) and in the middle (horizontally) of the frame

Location of the messages: Starting from the top vertically and in the middle horizontally of the frame down to the bottom.

Display of the screen title: The title is located at the top of the frame in the middle.

Consistency in expression of alphanumeric numbers: comma for separator of thousand while strings only consist of characters, digits, commas, dots, spaces, underscores, and hyphen symbol.

Control

Size of the text: medium size (mostly 24px). Font: Material UI. Color: #000000

Input check process: Should check if it is empty or not. Next, check if the input is in the correct format or not

Sequence of moving the focus: There will be no stack frames. Each screen will be separated. However, the manual is considered a popup message, as the main screen cannot be operated while the manual screen is shown. After the opening screen, the app will start with splash screen, and then the first screen (home screen) will appear.

Sequences of the system screens:

1. List Dock Screen
2. View Bike in Dock Screen
3. View Bike Screen
4. Enter Barcode to Rent Bike Screen
5. Confirm Renting Bike Screen
6. Choose Payment Method Screen
7. View Rented Bike Screen
8. Choose Dock to Return Bike Screen
9. Confirm Return Bike Screen
10. Invoice Screen