

Standardizing the screen configuration

Display

Number of colors supported: 16,777,216 colors

Resolution: 1366 × 768 pixels

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 right 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: **Arial**. Color: # 201C1C
- 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. Splash screen (first screen)
 2. Home screen
 3. View Bike information screen – view information of a bike before renting
 4. View Renting Bike information screen – view information of a renting bike
 5. View Dock information screen – view information of a dock
 6. View distance screen – view distance from user's location to selected dock
 7. Payment screen – fill payment information
 8. Transaction Error screen – display detailed error of a transaction
 9. Return Bike screen – display information to return a bike
 10. Select Dock to return Bike screen – display list of docks to return a bike
 11. Rent Bike screen – display detailed information for renting a bike
 12. Invoice screen – display detailed invoice
 13. Enter barcode screen – display a text area for entering barcode to rent bike

Direct input from the keyboard

There will be no shortcuts. There are back buttons to move back to the previous screen.

There is a Home button located at the top right of screen to go to Home screen.

Also, there are a close button “X” to close the screen, a resize button  to resize screen and a minimize button “ _ “ to shrinks the window and places it on the taskbar while leaving the software running located at the title bar to the right.

Error

A message will be given to notify the users what is the problem.