

Interface Standardlization

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.

- Affirmative button to the right, background-color: #8C36C0, text-color: #FFFFFF
- Negative button to the left, background-color: #FFFFFF, text-color: #8C36C0

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 center-top of the screen and also on the top-left of the window bar.

Consistency in expression of alphanumeric numbers: no separator for thousand while strings only consist of characters, digits, commas, dots, spaces, underscores, and hyphen symbol.

Control

Size of the text:

- Title and header text: font: Roboto, style: bold, size: 48px, color: #8C36C0 (medium-dark purple)
- Text in button: font: Roboto, style: black, size: 24px, color: #FFFFFF
- Other text: font: Roboto, style: regular, size: 14px, 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 some popup screen. The popup screen will overlay the current parent screen. Cannot interact with parent screen while the popup screen overlaying. Click outside of the popup screen will close it, return active screen to the parent screen.

After the opening screen, the app will start with splash screen, and then the first screen (homescreen) will appear.

Sequences of the system screens:

1. Splash screen (first screen)
2. Home screen – show list of docks
3. Barcode Popup – for inputting the barcode (rent/return bike)
4. Dock View Screen – view all available bikes and dock's info
5. Bike View Screen – detailed bike's info
6. Payment Screen – fill in payment method (credit card)
7. Transaction Result Popup – show the result of transaction
8. Renting Session – all session's info (start time, current rental fee, bike's info...)
9. Invoice screen – view order details
10. Dock Selection Screen – for choosing dock when returning

Direct input from the keyboard

There will be no shortcuts. There are back buttons to move back to the previous screen located at the top-right corner of each screen. All input fields take input directly from keyboard.

Error

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