

Joystick

- + forward
- + reverse
- + left
- + right
- + rotateLeft
- + rotateRight

- + ListenKeyboardInterrupt
- + MoveDirection
- + Control Signals
(Ensure single direction at once)
- + rotateDirection

Live Feed

- + FileFeed
- + boolean feedStatus

- +getVideoFeed
- +displayVideoFeed
- +stopVideoFeed

Image Capture

- + Event captureButtonClicked
- + File Current Image
- + File All Images
- + Int ImageCount
- + Event viewImageGallery
- +String imageCount
- +listenCaptureButton
- +storeImage(Files)
- +setImageName()
- +getStatus

Screen Control
Element navbar-

- main
- liveFeed
- displayImage
- Gallery

QR Code Read

- + File Image
- + String Message
- +Boolean Status

- + detectQR()
- + getStatus()
- + setStatus()
- + getMessage()
- + setMessage()

Gallery

- + Dict < File Image,
String message, bool
Status, int num >
- AllImages
(LinkedList

- Organisation -drag
and drop)
- + Int imageCount
- + Dict
- FavouriteImages
- +heart

Abstract DisplayImage

- + File Image
- + String message
- + Boolean status