|  |  |  |  |
| --- | --- | --- | --- |
| People | Activities | Context | Technology |
| Age of 12 and above | Detect hand movements/ gestures | The interface is different depending on the user (Admin/Customer) | Camera, Laptop/PC, Markers, Media pipe, Bluetooth |
| Anyone old enough to know how to use simple technology | User Logs in the system as admin or customer |  |  |
| Basic fluency in English to navigate the system properly | Customer Reads information of the product |  |  |
| Persona:   * Shopper/Customer * Admin | Customer Adds or Removes product to/from the cart |  |  |
|  | Admin can Add or Remove quantity of products in the shop stock |  |  |
|  | System Gives feedback immediately |  |  |

PACT ANALYSIS:

Scenario 1: Customer

The user opens the camera

The user shows marker(id4) to show the login options

The user shows marker(id2) to pick customer login

The system shows the products menu to the customer

The customer views the menu item

The customer grabs a product with the marker to detect the product

The camera detects the marker on the product

The camera displays the product’s information on the screen.

The customer looks at product details

The customer rotates the product to increase(clockwise) or decrease(anticlockwise) the product quantity.

Scenario 2: Admin

The user opens the camera

The user shows marker(id4) to show the login options

The user shows marker(id1) to pick admin login

The admin views the menu item

The admin chooses from options on screen

The admin chooses to update stock option

The admin grabs a product with the marker to show product details

The camera detects the marker on the product

The admin rotates marker to increase or decrease product from the stock

The admin chooses to remove stock option

The admin picks the item to remove by gestures

The item is removed from the stock