# Use Case: Manage Shipment Delivery for a Rider

## Use Case Description:

This use case describes the process where a rider selects a specific shipment to deliver and performs actions such as viewing customer details, verifying orders, collecting payment (via cash or QR code), and completing the order.

## Trigger Point:

The rider selects a shipment from the list of available shipments in the runsheet.

## Actor:

Rider

## Preconditions:

- The rider has logged into the Rider App.

- The runsheet and its associated shipments are already assigned to the rider.

- The shipment details, including customer and order information, are available in the system.

## Postconditions:

- The order is marked as delivered in the system.

- The collected payment is recorded in the app.

- The runsheet is updated with the completed order.

## Normal Flow:

- Rider Selects Shipment: The rider selects a specific shipment from the 'All Shipment' list.

- Display Customer Details: The system displays the customer's details, including:  
 - Name, Address, Pincode, City, State, Phone Number.  
 - The system provides a 'Call' button to allow the rider to contact the customer if needed.

- View Item List: The rider views the list of items in the shipment, which includes:  
 - Order ID, Products, Quantity, Price, and the Amount to be Collected.

- Conform or Cancel Order:  
 - Confirm Order: Proceed with delivery.  
 - Cancel Order: Stop the delivery process.

- Verify Order: Upon confirming the order, the system prompts the rider to click an image of the order for verification.

- Collect Payment: The system displays the 'Collect Payment' screen, offering two options:  
 1. Collect Cash:  
 - The rider clicks the 'Collect Cash' button.  
 - A pop-up appears showing 'Collecting Cash: [XXX Amount].'  
 - After receiving the cash, the rider clicks 'Complete Order.'  
 - A confirmation pop-up states, 'The amount has been collected.'  
 2. QR Code Payment:  
 - The rider selects QR Code generation.  
 - The system displays a QR Code valid for 120 seconds.  
 - The rider collects the online payment and confirms once the payment is received.

- Complete Order: The system updates the status of the order to 'Delivered.' The runsheet is updated, and the rider is redirected to the shipment list.

## Alternative Flow:

- Cancel Order: If the rider selects 'Cancel Order,' the system updates the order as 'Cancelled.' The runsheet is updated with the order status.

- QR Code Expiry: If the QR Code expires before payment is received, the system generates a new QR Code for the rider.

- Incomplete Payment: If the payment is not completed (cash or online), the rider can retry the collection process.