

# Data Integrity

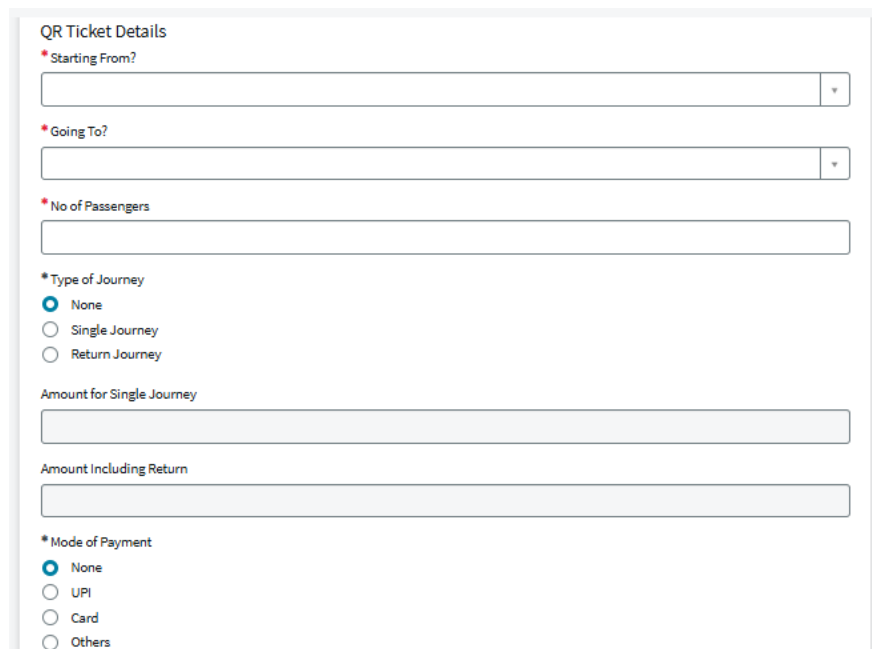
## 1. Description

Ensures that all ticket records are accurate, complete, and consistent.

## 2. Validation & Automation Steps

### 1. Mandatory Fields:

- Source, Destination, Number of Passengers, Journey Type, Mode of Payment → Required on both client and server side.



The image shows a form titled "QR Ticket Details" with several mandatory fields indicated by red asterisks. The fields are: "Starting From?" (a dropdown menu), "Going To?" (a dropdown menu), "No of Passengers" (a text input field), "Type of Journey" (radio buttons for None, Single Journey, and Return Journey), "Amount for Single Journey" (a text input field), "Amount Including Return" (a text input field), and "Mode of Payment" (radio buttons for None, UPI, Card, and Others). The "None" option is selected for both "Type of Journey" and "Mode of Payment".

Figure 2.1: Mandatory Field Enforcement in Catalog Form

### 2. Auto-Populate Logic:

- Single or Return journey fares auto-calculated via catalog client script.
- Ensures correct amount based on number of passengers.

#### QR Ticket Details

\* Starting From?

\* Going To?

\* No of Passengers

\* Type of Journey

- ☐ None
- ☐ Single Journey
- ☒ Return Journey

Amount for Single Journey

Amount Including Return

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to-Populate Fare Values between Stations

### 3. Field Mapping:

- Flow Designer maps catalog variables to Metro Database fields.
- Automated population prevents manual errors.

### 3. Outcome

- Guarantees all ticket data is complete and correct.
- Supports auditing and reporting requirements.
- Enhances user trust and operational efficiency.