

Passenger Verification & Booking System Report

1. Overview

This system ensures passenger accountability, safety of minors, and operational efficiency for the ferry booking platform. Verification is handled once (at registration or first booking) and reused for future trips. Admin tasks are streamlined with light automation.

2. Passenger Verification Rules

Passenger Type	Verification Required?	Notes
Adult	Optional (ID, passport, license)	Must be verified to book for children/infants. Unverified adults can
Child (2–12 yrs)	Mandatory (birth certificate or ID)	Must be linked to a verified adult per trip. Once verified, can travel
Infant (0–2 yrs)	Mandatory (birth certificate or ID)	Same rule as child. Must always be linked to a verified adult.

3. Booking Scenarios & Solutions

- **Children with Parents/Guardians:** Parents upload child documents once. Verified adult can book freely.
- **Children with Cousins / Uncles / Aunties:** Child's documents verified once. Any verified adult can book with responsibility declaration.
- **Group Travel (School / Sports / Tours):** Group leader verified. Children attached. System generates manifest automatically.
- **Unaccompanied Minors:** Special flag at booking. Consent form + guardian contact uploaded once. Staff alerted.
- **Guest / Tourist Users:** One-time verification at booking. Temporary profile expires after trip.
- **Emergency Travel:** Admin override option: temporary approval. Requires on-site document check at port.

4. Admin Automation Features

- Document Queue Automation: documents go into queue, auto-tagged by age group.
- Smart Reminders: notify users if verification pending before travel date.
- Reusability: once verified, status is reused for all bookings.
- Group Manifest Generator: auto-generate passenger lists for group bookings.
- Admin Alerts: flags for unaccompanied minors, emergency approvals, duplicates.

5. Privacy & Security

- Documents encrypted and only accessible by authorized admins.
- Users informed how their data is used.
- Option for users to delete expired/old documents.

6. Benefits of this Approach

- Ethical: Protects children, ensures accountability.
- Administrative: Reduces repetitive checks.

- User-Friendly: One-time verification, flexible travel, fast booking.