

com

data_management

identification

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IdentityManager

- verifyAndLink(patientId: int): HospitalPatient
- handleMismatch(patientId: int): void
- logAnomaly(patientId: int, reason: String): void

Handles verification logic.
Logs or resolves mismatches.
Ensures data integrity.

uses

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PatientIdentifier

- matchPatient(patientId: int): HospitalPatient

retrieves info

returns

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HospitalPatient

- id: int
- name: String
- dateOfBirth: String
- medicalHistory: List<String>
- HospitalPatient(id: int, name: String, dob: String)
- getId(): int
- getName(): String
- getDateOfBirth(): String
- getMedicalHistory(): List<String>
- addMedicalHistory(entry: String): void

Matches incoming patientId
to known hospital records.
If no match found, returns null.