



Description:

This subsystem links incoming measurements to specific patients. It receives **IncomingData** (containing a `simulatorId` and measurement details) from the Data Access Layer. The **IdentityManager** uses a **PatientIdentifier** to query a **PatientRepository** (interfacing with the hospital DB) to find the correct **PatientProfile** based on the `simulatorId`. The **PatientProfile** holds stable patient identifiers (like the definitive `patientId`) and potentially demographic info. If a match is found, the **IdentityManager** can associate the correct `patientId` with the measurement data, potentially facilitating the creation or storage of a **PatientRecord** (as defined in the Java code) in the Data Storage subsystem. **IdentificationResult** communicates the outcome.