



In order to guarantee accuracy and uniformity in patient identification throughout the system, a centralised identity management solution is used.

The system allows for the storage of multiple medical records as distinct PatientRecord instances for a single PatientIdentifier, enabling continuous tracking of their medical history.

The UML class diagram shows a patient data management system. Ensuring proper patient identification and keeping an extensive medical history are its core priorities.

The IdentityManager class, which is in charge of maintaining and authenticating distinct patient identifiers "PatientIdentifier", is in the centre. A single PatientIdentifier is assigned to each patient, ensuring a uniform identity across the system.

Individual medical records are stored in the PatientRecord class and are connected to the patient's PatientIdentifier. This architecture makes it possible to keep track of a patient's medical history throughout time by allowing for many records for each patient. Important information is included in every PatientRecord