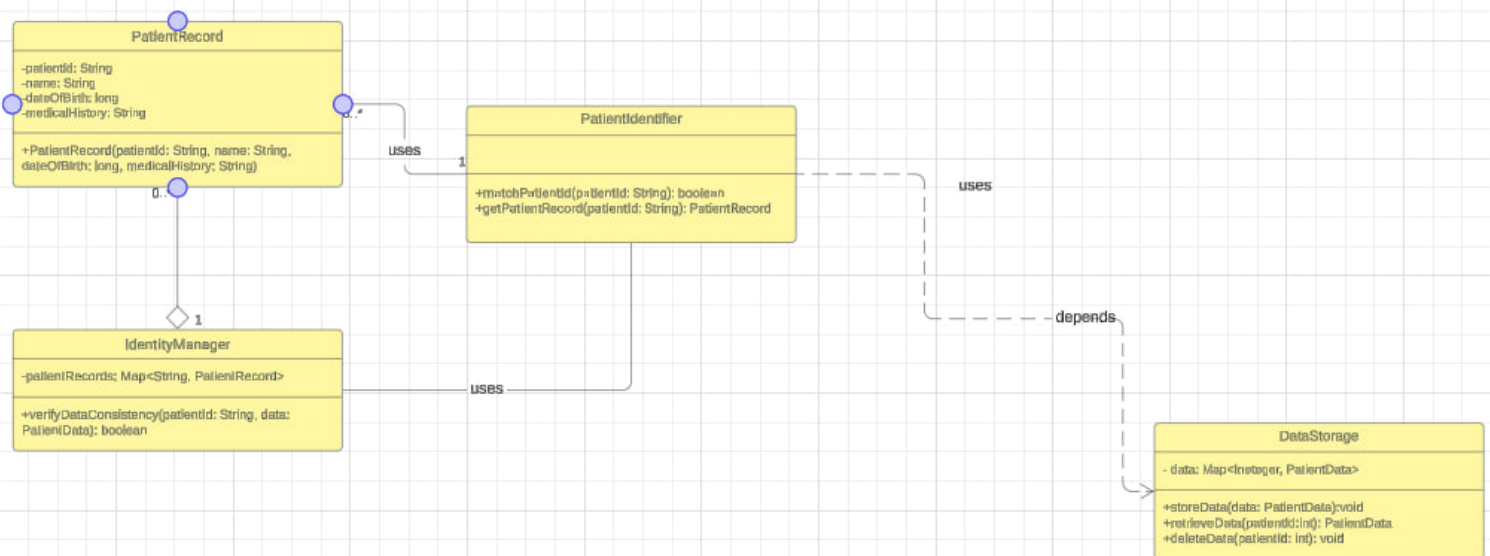# Patient Identification System

The Patient Data Management System includes several key components that work in concert to ensure the accuracy and timeliness of care. The central component, IdentityManager, plays a critical role by managing the integrity of PatientRecord records. Each record contains patient identifiers and their medical history, which are important for personalised treatment and follow-up.

PatientIdentifier is a key link in the verification process, using methods to accurately match identifiers to patient profiles and provide access to their medical records. It ensures the correct identification of patients and their histories, which is critical in a dynamic healthcare delivery environment.

DataStorage serves as the fundamental element where all collected information is stored. This includes not only the current status of patients, but also their entire observation and treatment history. It offers methods for data retention, retrieval and deletion, allowing healthcare providers to keep data up to date nd securely stored.

The dependency between DataStorage and PatientIdentifier indicates that any operations to update or validate patient data require prior identification. This synergy ensures that the information used for diagnosis or treatment is always accurate and up-to-date, reducing the risk of errors and improving the quality of care.