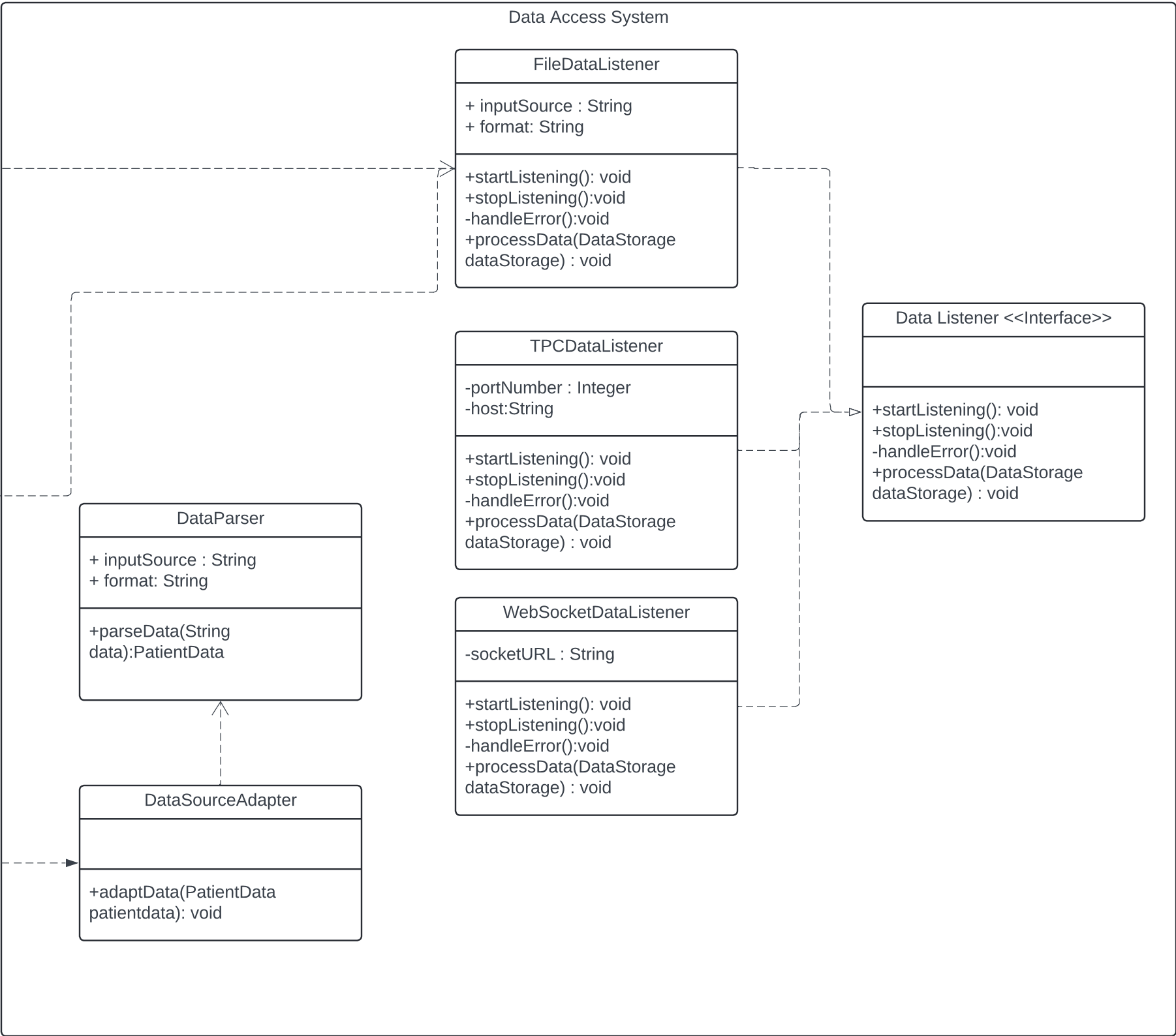
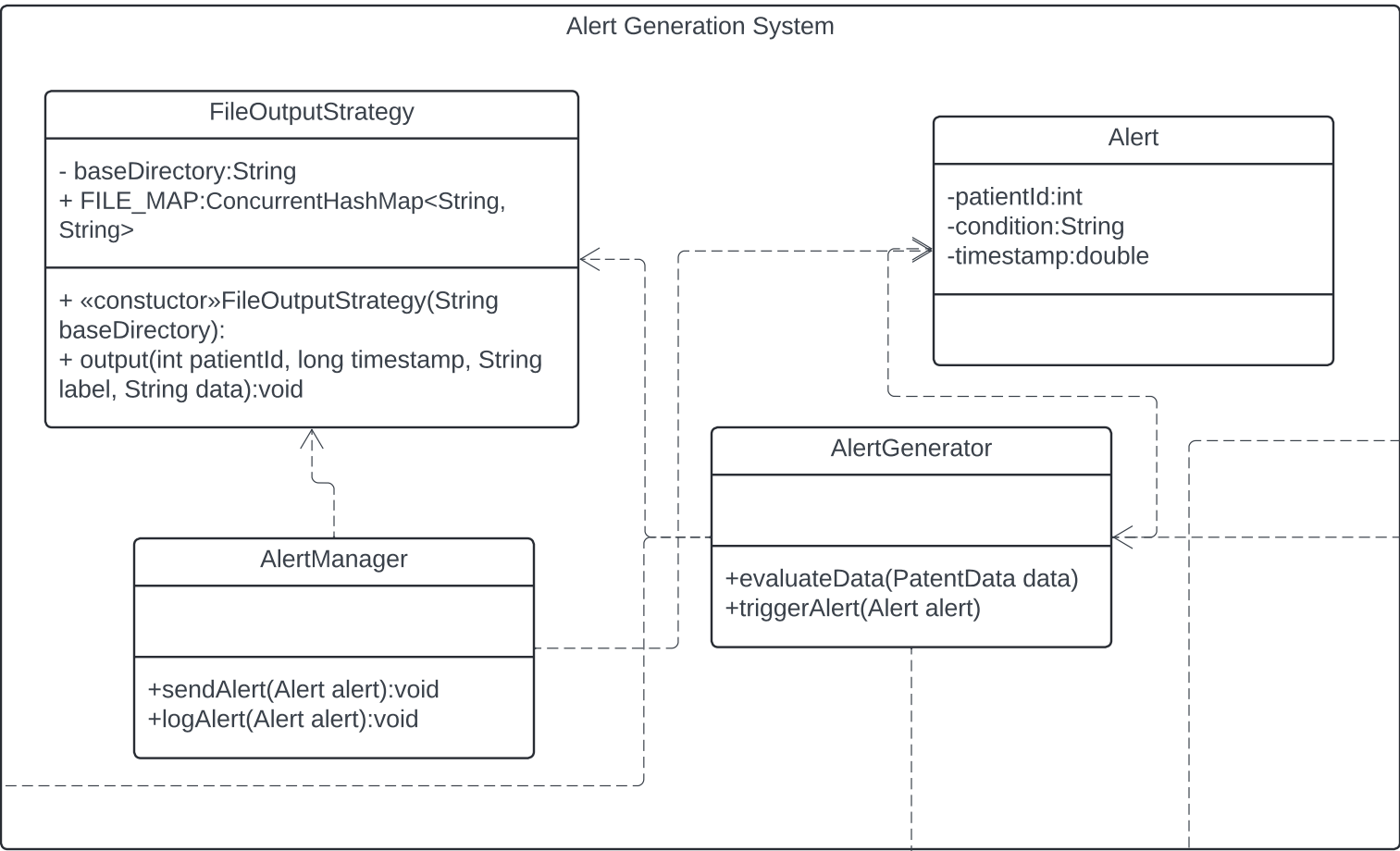
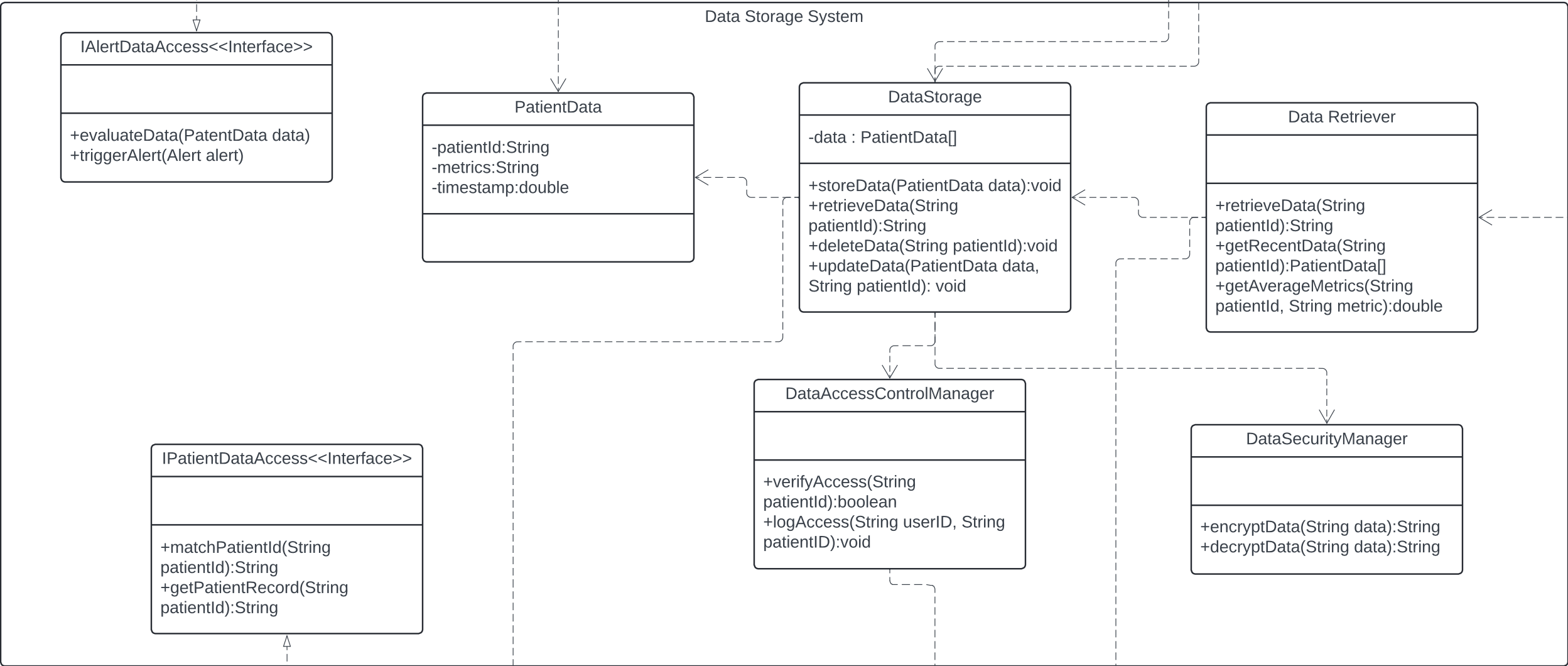


This system is used to generate alerts. The alert generator is connected to many other classes from other systems, because they could be in need of generating an alert. FileoutputStrategy is used to output the strategy. Alert class describes an alert, and alertManager can send an alert or log one.



Decided to use File data listener that implements a Data Listener interface. That's why only FileDataListener is connected to other methods. All listeners though are implementing the Data Listener interface/. I also added a Data Parser class that is used by DataSourceAdapter to adapt data for PatientData. This class is connected to DataRetriever from DataStorageSystem for obvious reasons.

Data Storage System makes sure that data storage is managed correctly, the most important class here is DataStorage, which uses PatientData and DataAccessControlManager. They all are foundations to creating a functioning storage system. There is also Data retriever that is connected to DataStorage, because it needs to access it to retrieve that data. This system also has 2 interfaces used by other systems and a security system used to decrypt and encrypt data.



This system helps other systems in security management, checks identities and helps in other functionalities. It uses an interface from Data storage system to configure PatientIdentifier correctly. PatientIdentifier and IdentityManager are similar, however have different functionalities and they are independent from each other, so they are not connected

