



## Diagram Documentation Overview

The diagram represents a system that manages patient data and generates alerts:

- **DataStorage**: Stores patient data and provides methods to add, retrieve, and manage these records.
- **DataReader**: Interface for reading data into `DataStorage`.
- **FileReader**: Reads data from files and populates `DataStorage`.
- **AlertGenerator**: Evaluates patient data stored in `DataStorage` to trigger alerts if conditions are met.
- **Alert**: Represents an alert with details like patient ID, condition, and timestamp.

### Main Interactions:

- `DataReader` and `FileReader` input data into `DataStorage`.
- `AlertGenerator` uses `DataStorage` to monitor and trigger alerts based on specific criteria.