



This UML class diagram represents the data storage system of the signal project. Each patient has a corresponding Patient object, with a list of health information represented by multiple instances of PatientRecord class, which holds the data for a given time stamp. The DataStorage class has map field, which maps each patient id to their Patient object, with methods addPateintData to add data to the corresponding Patient, as well as getPatientData which is responsible for retrieving the records for a given patient.