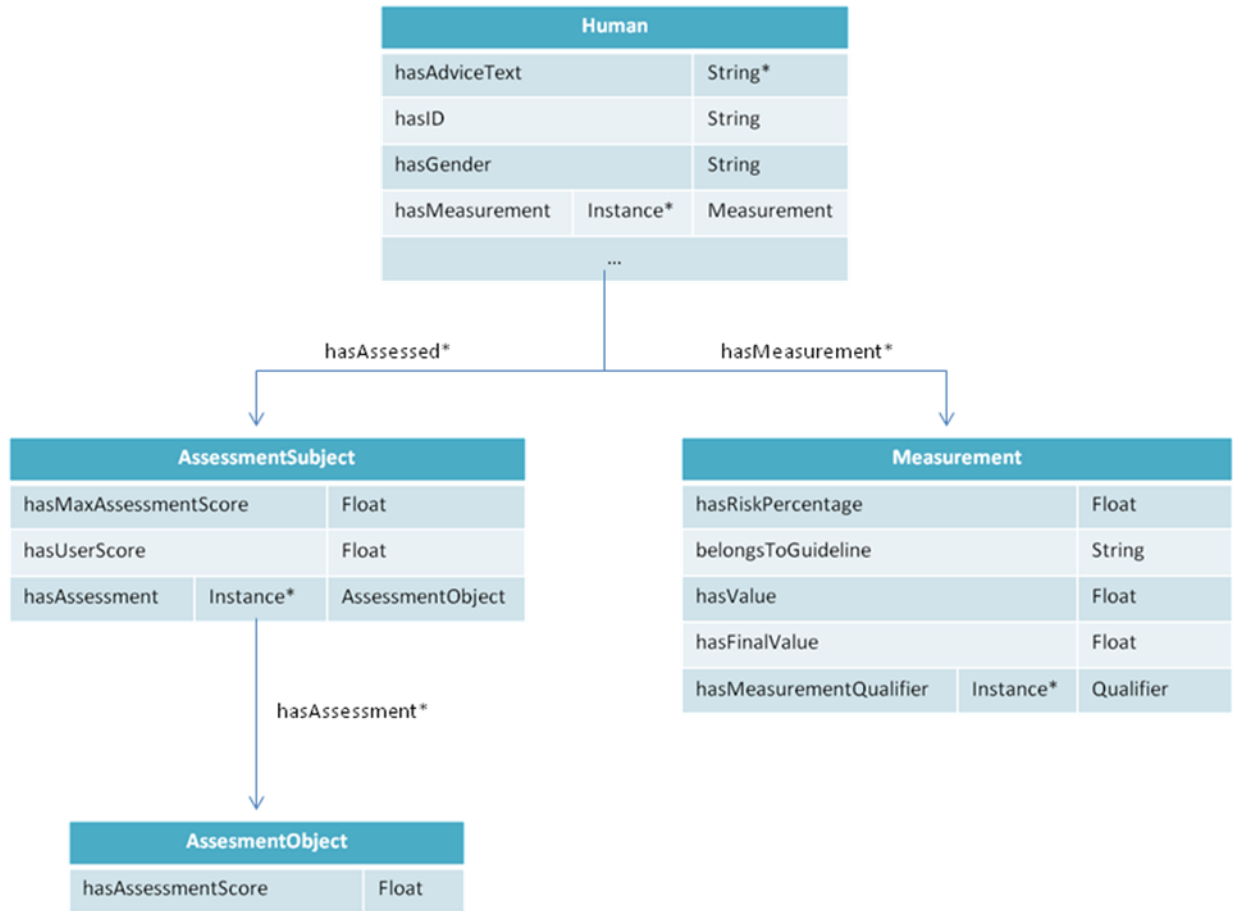


Figure 5

Patient Data Model



Note: Human represents the person for whom the health assessment is being performed. *AssessmentSubject* is an aspect of *Human* health that is assessed by the consumer guideline (e.g., Does *Human* experience neck pain? What kind of smoker is *Human*?). *AssessmentObject* represents the possible outcomes of a certain *AssessmentSubject* (e.g., *Human* can be a heavy smoker, light smoker, or nonsmoker). An *AssesmentObject* usually carries a numerical score that represents its impact in the assessment. *Measurement* represents measurable attributes of a *Human* instance (e.g., height, weight, body mass index, risk of coronary heart disease).