CS 548—Fall 2016 Enterprise Software Architecture and Design

Assignment Two—XML Schemas

Schema and instance documents are in three different folders: "typeSubstitutability","choiceElement" , "elementSubstitution", which can be found in the root folder.In each folder, you can find a ClinicIds schema, aTreatment schema, a Patient schema, a Provider schema, a Clinic schema and a XML document.

UML class diagram is in this document below and can be also found in root folder, named "UMLClass.PDF".

UML class diagram:

«type»
Patient
+patientId: Long
+name: String
+dob: Date

treats <

«type»
Provider
+providerId: Long
+name: String
+spec: String

*   *

«type»
Treatment
+diagnosis: String

«type»
DrugTreatment
+dosage: Float

«type»
Radiology
+dates[*]: Date

«type»
Surgery
+date: Date

0..n

1

«type»
Drug
+name: String