Assignment 8

XML code: Double click on the embedded object

XML Sample content Demonstration:

1) Room has RNAME as primary key and elements length and width
2) A Room can have 0..* Furnishing , Room1 has Furni3, Furni5 and Furni7; and Room6 has no furnishing.
3) Furnishing has FID as primary keys, and NAMEFK and MIDFK are foreign keys. The foreign keys and primary keys are given as #Required in the DTD.
4) A Manufacturer can have 1..* Furnishing, Furni2,Furni5 and Furni6 have manufacturer2 and there is no manufacturer in the tree diagram without a furnishing.

```
□ assignment  ..
  □ room  ..
      @RNAME: Room1
    □ length  5
    □ width  7
  □ room  ..
      @RNAME: Room2
    □ length  12
    □ width  5
  □ room  ..
      @RNAME: Room3
    □ length  8
    □ width  19
  □ room  ..
      @RNAME: Room4
    □ length  16
    □ width  9
  □ room  ..
      @RNAME: Room5
    □ length  18
    □ width  7
  □ room  ..
      @RNAME: Room6
    □ length  3
    □ width  9
  □ manufacturer  ..
      @MID: Manufacturer1
    □ name  Retails
    □ contact  9867258921
  □ manufacturer  ..
      @MID: Manufacturer2
    □ name  Ragam
    □ contact  9980889221
  □ manufacturer  ..
      @MID: Manufacturer3
    □ name  MK Raj
    □ contact  6592056143
  □ manufacturer  ..
      @MID: Manufacturer4
    □ name  Iola Smith
    □ contact  9987168921
  □ manufacturer  ..
      @MID: Manufacturer5
    □ name  Jaycob Rolyd
    □ contact  9998165342
  □ furnishing  ..
      @FID: Furni1
      @NAMEFK: Room2
      @MIDFK: Manufacturer1
    □ type  Chairs
  □ furnishing  ..
      @FID: Furni2
      @NAMEFK: Room3
      @MIDFK: Manufacturer2
    □ type  Tables
  □ furnishing  ..
      @FID: Furni3
      @NAMEFK: Room1
      @MIDFK: Manufacturer4
    □ type  Sofas
  □ furnishing  ..
      @FID: Furni4
      @NAMEFK: Room4
      @MIDFK: Manufacturer3
    □ type  Dining Tables
  □ furnishing  ..
      @FID: Furni5
      @NAMEFK: Room1
      @MIDFK: Manufacturer2
    □ type  Beds
  □ furnishing  ..
      @FID: Furni6
      @NAMEFK: Room5
      @MIDFK: Manufacturer2
    □ type  Desk
  □ furnishing  ..
      @FID: Furni7
      @NAMEFK: Room1
      @MIDFK: Manufacturer5
    □ type  Dresser
  □ furnishing  ..
      @FID: Furni8
      @NAMEFK: Room2
      @MIDFK: Manufacturer1
    □ type  Ottomans
```