University Timetabling added feature Description

Adding feature to **XRoom** class:

UniTime🡪JavaSource🡪org/unitime🡪timetable🡪onlinesectioning🡪model🡪XRoom.java

The **XRoom** class represents a room or location within the **UniTime** system.

**Fields**: The class contains several fields, including:

* + **iUniqueId**: Represents the unique identifier of the room.
  + **iName**: Stores the name of the room.
  + **iExternalId**: Stores an external identifier of the room.
  + **iIgnoreTooFar**: Indicates whether the room should be ignored for distance calculations.
  + **iX**, **iY**: Represent the X and Y coordinates of the room.

So we added additional feature room attributes to the **XRoom** class. We added two new attributes: **capacity** and **roomType**.

We modified version of **XRoom**, we have fixed two bugs and added two new fields: **iCapacity** (representing the capacity of the room) and **iRoomType** (representing the type of the room).

These fields, are added to the existing **XRoom** class and included in the serialization and deserialization methods.

Analysis and UML diagrams and codes will also be added to this file.