

## Suggested Solution to HW#3

The abstract data model below is incomplete, but illustrates the most salient aspects of the data relevant to the new room-booking system of the hotel. In particular, the entities/objects of type RoomDate (not Room) are the items that may be held by a reservation. The status attribute of a RoomDate object shows the status (e.g., vacant, reserved, checked-in, checked-out, etc.) of the room on a particular date represented by the object.

