

Requirements and the Triggers Created to Enforce Them:

- Any room in the hospital cannot offer more than three services.
  - BEFORE UPDATE OR INSERT ON RoomService  
FOR EACH ROW
- The insurance payment should be calculated automatically as 70% of the total payment. If the total payment changes then the insurance amount should also change.
  - BEFORE INSERT OR UPDATE ON Admission  
FOR EACH ROW
- Ensure that regular employees (with rank 0) must have their supervisors as division managers (with rank 1). Also each regular employee must have a supervisor at all times.  
Similarly, division managers (with rank 1) must have their supervisors as general managers (with rank 2). Division managers must have supervisors at all times.
  - BEFORE INSERT OR UPDATE ON Employee  
FOR EACH ROW
- When a patient is admitted to ICU room on date D, the futureVisitDate should be automatically set to 3 months after that date, i.e., D + 3 months. The futureVisitDate may be manually changed later, but when the ICU admission happens, the date should be set to default as mentioned above.
  - BEFORE INSERT ON StayIn  
FOR EACH ROW
- If an equipment of type 'MRI', then the purchase year must be not null and after 2005.
  - BEFORE INSERT ON Admission  
FOR EACH ROW
- When a patient is admitted to the hospital, i.e., a new record is inserted into the Admission table; the system should print out the names of the doctors who previously examined this patient (if any).
  - BEFORE INSERT ON Admission  
FOR EACH ROW