

ORDER OF RUNNING INSERT STATEMENTS TO CREATE HOSPITAL SCHEMA

1) *Physician*

Run inserts for Physician first because it does not refer to any attributes of other relations, and we need to do this to create an attribute ID, therefore TimeCard and Patient can reference this attribute in the next steps.

2) *TimeCard*

Run inserts for the TimeCard second because we've already populated the Physician and can therefore freely refer to the Physician's primary key, and TimeCard does not refer to any non-existent entity, which would cause an error.

3) *Patient*

Run inserts for Patient third because, again, Physician was already created, so Patient can refer to available Physician's attribute, and Patient does not refer to any non-existent entity, which would cause an error.

4) *Nurse*

Run inserts for Nurse fourth because Nurse does not depend on anything (does not refer to any non-existent relation), so we are free to do this.

5) *Bed*

Run inserts for Bed fifth because Bed can successfully reference the available Patient and Nurse attributes, and Bed does not refer to any non-existent relation, which would cause an error.