UNF
ADMISSION (pat_id, pat_fname, pat_lname, ad_date/time, sp doc_id, sp doc_fname, sp doc_lname (pro_code, pro_name, req doc_id, req doc_ fname, req doc_lname, car doc_id, car doc_fname, car doc_lname, pro_date/time, pro_charge (item_code, description, quantity, total item charge, total extras charges)))

1NF
ADMISSION (pat_id, ad_date/time, pat_fname, pat_lname, sp doc_id, sp doc_ fname, sp doc_lname)
pat_id, date/time-> sp doc_id FULL
pat_id -> pat_fname, pat_lname PARTIAL
sp doc_id -> sp doc_ fname, sp doc_lname TRANSITIVE
PROCEDURE DETAILS (pat_id, ad_date/time, pro_date/time, req doc_id, pro_code, car doc_id, pro_name, req doc_ fname, req doc_lname, car doc_fname, car doc_lname, pro_charge)
pat_id, ad_date/time, pro_date/time, -> car doc_id, req doc_id, pro_code FULL
car doc_id -> car doc_fname, car doc_lname TRANSITIVE
req doc_id -> req doc_fname, req doc_lname TRANSITIVE
pro_code -> pro_name, pro_charge PARTIAL
ADDITIONAL CHARGES (item_code, quantity, description, total item charge, total extras charges)
item_code -> description PARTIAL
quantity, item_code -> total item charge FULL
total item charge -> total extras charges TRANSITIVE

2NF
ADMISSION (pat_id, date/time, sp doc_id, sp doc_ fname, sp doc_lname)
PATIENT (pat_id, pat_fname, pat_lname)
PROCEDURE DETAILS (pat_id, ad_date/time, pro_date/time, req doc_id, pro_code, car doc_id, pro_name, req doc_ fname, req doc_lname, car doc_fname, car doc_lname)
PROCEDURE (pro_code, pro_name, pro_charge)
ADDITIONAL CHARGES (quantity, item_code, total item charge, total extras charges)
ITEM (item_code, description)

3NF
ADMISSION (pat_id, date/time, sp doc_id)
SUPERVISING DOCTOR (sp doc_id, sp doc_ fname, sp doc_lname)
PATIENT (pat_id, pat_fname, pat_lname)
PROCEDURE DETAILS (pat_id, ad_date/time, pro_date/time, req doc_id, pro_code, car doc_id)
PROCEDURE (pro_code, pro_name, pro_charge)
REQUESTED DOCTOR (req doc_id, req doc_ fname, req doc_lname)
CARRYOUT DOCTOR (car doc_id, car doc_fname, car doc_lname)
ADDITIONAL CHARGES (quantity, item_code, total item charge)
CHARGE (total item charge, total extras charges)
ITEM (item_code, description)

UNF
NURSE ASSIGNMENT (nurse_id, nurse_fname, nurse_lname, nurse_phone, nurse_certifled
(ward_code, ward_name, date_assigned, date_completed))

1NF
NURSE (nurse_id, nurse_fname, nurse_lname, nurse_phone, nurse_certifled)
nurse_id -> nurse_fname, nurse_lname, nurse_phone, nurse_certifled FULL
WARD ASSIGNMENTS (nurse_id, date_assigned, ward_code, ward_name, date_completed)
nurse_id, date_assigned-> ward_name, date_completed FULL
ward_code -> ward_name TRANSITIVE

2NF
NURSE (nurse_id, nurse_fname, nurse_lname, nurse_phone, nurse_certifled)
WARD ASSIGNMENTS (nurse_id, date_assigned, ward_code, ward_name, date_completed)

3NF
NURSE (nurse_id, nurse_fname, nurse_lname, nurse_phone, nurse_certifled)
WARD ASSIGNMENTS (nurse_id, date_assigned, ward_code, date_completed)
WARD (ward_code, ward_name)

COLLECTION 3NF RELATOINS:
ADMISSION (pat_id, date/time, sp doc_id)
SUPERVISING DOCTOR (sp doc_id, sp doc_ fname, sp doc_lname)
PATIENT (pat_id, pat_fname, pat_lname)
PROCEDURE DETAILS (pat_id, ad_date/time, pro_date/time, req doc_id, pro_code, car
doc_id)
PROCEDURE (pro_code, pro_name, pro_charge)
REQUESTED DOCTOR (req doc_id, req doc_ fname, req doc_lname)
CARRYOUT DOCTOR (car doc_id, car doc_fname, car doc_lname)
ADDITIONAL CHARGES (quantity, item_code, total item charge)
CHARGE (total item charge, total extras charges)
ITEM (item_code, description)
NURSE (nurse_id, nurse_fname, nurse_lname, nurse_phone, nurse_certifled)
WARD ASSIGNMENTS (nurse_id, date_assigned, ward_code, date_completed)
WARD (ward_code, ward_name)