Monash Hospital Admission Procedure Charge Sheet

UNF:

ADMISSION (PatientID, Patient_Name, Date_Time_Admission, Doctor_ID, Doctor_Name, (Procedure_code, Procedure_name, Requested_DoctorID, Requested_Doctor_Name, Completing_DoctorID, Completing_Doctor_Name, Date_Time_Procedure, Procedure_Charge, (Item_Code, Description, Quantity, Total_Item_Charge)))

1NF:

ADMISSION (PatientID, Date_Time_Admission, Patient_Name, Doctor_ID, Doctor_Name)

PatientID-> Patient_Name PARTIAL DEPENDENCY

DOCTOR_ID-> Doctor_Name TRANSITIVE DEPENDENCY

PATIENT_PRESCRIBED_PROCEDURE (PatientID, Date_Time_Admission, Procedure_code, Procedure_name, Requested_DoctorID, Requested_Doctor_Name, Completing_DoctorID, Completing_Doctor_Name, Date_Time_Procedure, Procedure_Charge)

Procedure_code->Procedure_name, Procedure_Charge PARTIAL DEPENDENCY

Requested_DoctorID -> Requested_Doctor_Name TRANSITIVE DEPENDENCY

Completing_DoctorID -> Completing_Doctor_Name TRANSITIVE DEPENDENCY

PROCEDURE_ADDITIONAL_ITEM (PatientID, Date_Time_Admission, Procedure_code, Item_Code, Description, Quantity, Total_Item_Charge)

Item_Code -> Description PARTIAL DEPENCENCY

2NF:

ADMISSION (PatientID, Date_Time_Admission, Doctor_ID, Doctor_Name)

PATIENT (PatientID, Patient_Name)

PATIENT_PRESCRIBED_PROCEDURE (PatientID, Date_Time_Admission, Procedure_code, Requested_DoctorID, Requested_Doctor_Name, Completing_DoctorID, Completing_Doctor_Name, Date_Time_Procedure)

PROCECURE (Procedure_code, Procedure_name, Procedure_Charge)

PROCEDURE_ADDITIONAL_ITEM (PatientID, Date_Time_Admission, Procedure_code, Item_Code, Description, Quantity, Total_Item_Charge)

ITEM (Item_Code, Description)

<u>3NF:</u>

ADMISSION (<u>PatientID</u>, <u>Date_Time_Admission</u>, Doctor_ID)

PATIENT (<u>PatientID</u>, Patient_Name)

DOCTOR (<u>Doctor_ID</u>, Doctor_Name)

PATIENT_PRESCRIBED_PROCEDURE (<u>PatientID</u>, <u>Date_Time_Admission</u>, <u>Procedure_code</u>, Requested_DoctorID, Completing_DoctorID, Date_Time_Procedure)

PROCECURE (<u>Procedure_code</u>, Procedure_name, Procedure_Charge)

PRESCRIBING_DOCTOR (<u>Requested_DoctorID</u>, Requested_Doctor_Name)

PERFORMING_DOCTOR (<u>Completing_DoctorID</u>, Completing_Doctor_Name)

PROCEDURE_ADDITIONAL_ITEM (<u>PatientID</u>, <u>Date_Time_Admission</u>, <u>Procedure_code</u>, <u>Item_Code</u>, Quantity, Total_Item_Charge)

ITEM (<u>Item_Code</u>, Description)

Monash Hospital – Nurse Assignment Details

UNF:

NURSE (NurseID, First_Name, Last_Name, Contact_Phone, Certified_Children, (Ward_Code, Ward_Name, Date_Assigned, Date_Completed))

1NF:

NURSE (NurseID, First_Name, Last_Name, Contact_Phone, Certified_Children)

NurseID-> First_Name, Last_Name, Contact_Phone, Certified_Children FULL DEPENDENCY

NURSE_ALLOCATION (NurseID, Ward_Code, Date_Assigned, Date_Completed, Ward_Name)

Ward_Code->Ward_Name PARTIAL DEPENDENCY

2NF:

NURSE (NurseID, First_Name, Last_Name, Contact_Phone, Certified_Children)

NURSE_ALLOCATION (NurseID, Ward_Code, Date_Assigned, Date_Completed)

WARD (Ward_Code, Ward_Name)

3NF:

NURSE (NurseID, First_Name, Last_Name, Contact_Phone, Certified_Children)

NURSE_ALLOCATION (NurseID, Ward_Code, Date_Assigned, Date_Completed)

WARD (Ward_Code, Ward_Name)