

Name – Nikhil Braganza
Student ID - 2977770

For document A

UNF: -

(Resort_ID, Resort_Name, Resort_Address, (Cabin_No, Std_Cleantime, Date_Cleaned,
Contractor_No, First_Name, Last_Name, Contract_Rate, Act_Cleantime, Charge))

1NF: -

Resort (Resort_ID, Resort_Name, Resort_Address)

Cabin (Cabin_No, Std_Cleantime, Date_Cleaned, Contractor_No, First_Name, Last_Name,
Contract_Rate, Act_Cleantime, Charge, Resort_ID)

Partial Dependencies: -

Cabin_No -> Std_Cleantime

2NF: -

Resort (Resort_ID, Resort_Name, Resort_Address)

Cabin (Cabin_No, Std_Cleantime, Resort_ID)

Contract (Cabin_No, Date_Cleaned, Contractor_No, First_Name, Last_Name, Contract_Rate,
Act_Cleantime, Charge, Resort_ID)

Transitive Dependencies: -

Contractor_No -> First_Name, Last_Name, Rate

3NF: -

Resort (Resort_ID, Resort_Name, Resort_Address)

Cabin (Cabin_No, Std_Cleantime, Resort_ID)

Cleaner (Contractor_No, First_Name, Last_Name, Rate)

Running_Sheet (Cabin_No, Date_Cleaned, Contractor_No, Act_Cleantime, Charge, Resort_ID)

Name – Nikhil Braganza
Student ID - 2977770

For Document B and C

UNF: -

Cleaner (Contractor_No, First_Name, Last_Name, Contract_Address, Contract_Phone, (Start_Date, End_Date, Hourly_Rate, Contract_Type))

1NF: -

Cleaner (Contractor_No, First_Name, Last_Name, Contract_Address, Contract_Phone)

Contract (Start_Date, End_Date, Hourly_Rate, Contract_Type, Contractor_No)

Full Dependencies: -

Contractor_No -> First_Name, Last_Name, Contract_Address, Contract_Phone

Start_Date, Contractor_No -> End_Date, Hourly_Rate, Contract_Type

2NF: -

Cleaner (Contractor_No, First_Name, Last_Name, Contract_Address, Contract_Phone)

Contract (Start_Date, End_Date, Hourly_Rate, Contract_Type, Contractor_No)

3NF: -

Cleaner (Contractor_No, First_Name, Last_Name, Contract_Address, Contract_Phone)

Contract (Start_Date, End_Date, Hourly_Rate, Contract_Type, Contractor_No)

Combined 3NF for documents A,B&C

Resort (Resort_ID, Resort_Name, Resort_Address)

Cabin (Cabin_No, Std_Cleantime, Resort_ID)

Cleaner (Contractor_No, First_Name, Last_Name, Contract_Address, Contract_Phone, Rate)

Contract (Start_Date, End_Date, Hourly_Rate, Contract_Type, Contractor_No)

Running_Sheet (Cabin_No, Date_Cleaned, Contractor_No, Act_Cleantime, Charge, Resort_ID)