**UNF**

Project (**Project\_Code**, Project\_Type, Description, {Person\_Number, Name, Grade, Salary\_Scale, Date\_join\_Project, Allocation\_Time})

Since the Person number, name, grade, salary scale, date join project and allocation time are repeating group observed from the sample it is separated by braces.

**1NF**

Project\_1(**Project\_Code**, Project\_Type, Description)

Person\_1(**Project\_Code**, **Person\_Number**, Name, Grade, Salary\_Scale, Date\_join\_Project, Allocation\_Time)

Since Name, grade, and salary scale are partially dependent on the primary key Person\_Number and not Project Code it is separated to remove any partial functional dependency.

**2NF**

Project\_2(**Project\_Code**, Project\_Type, Description)

Project\_Person\_2(**Project\_Code**, **Person\_Number**, Date\_join\_Project, Allocation\_Time)

Person\_2(**Person\_Number**, Name, Grade, Salary\_Scale)

Since salary scale is dependent on the grade this transative functional dependency is removed

**3NF**

Project (**Project\_Code**, Project\_Type, Description)

Project\_Person(**Project\_Code**, **Person\_Number,** , Date\_join\_Project, Allocation\_Time)

Person (**Person\_Number**, Name, Grade)

Grade\_Salary(**Grade**, Salary\_Scale)

Therefore, this is the final 3NF form

**UNF**

Customer-Orders (Order-no, Order-date, Cust-no, Cust-name, Cust-address, {Prod-no, Prod-desc, Unit-price, Ord-qty, Line-total})

**1NF**

Customer-Orders (**Order-no**, Order-date, Cust-no, Cust-name, Cust-address)

Products (**Order-no**, **Prod-no**, Prod-desc, Unit-price, Ord-qty, Line-total)

**2NF**

Customer-Orders (**Order-no**, Order-date, Cust-no, Cust-name, Cust-address)

Orders (**Order-no\***, **Prod-no\***, Ord-qty, Line-total)

Products (**Prod-no**, Prod-desc, Unit-price)

**3NF**

Customer-Orders (**Order-no**, Order-date, **Cust-no\***)

Customer (**Cust-no**, Cust-name, Cust-address)

Orders (**Order-no\***, **Prod-no\***, Ord-qty, Line-total)

Products (**Prod-no**, Prod-desc, Unit-price)

**UNF**

Students (ID, Name, Address, {Module-Code, Faculty, Year, Subject})

**1NF**

Student-Module (**ID**, **Module-Code\***, Name, Address)

Modules (**Module-Code**, Faculty, Year, Subject)

**2NF**

Students (**ID**, Name, Address)

Student-module (**ID\***, **Module-Code\***, Name, Address)

Modules (**Module-Code**, Faculty, Year, Subject)

**3NF**

Students (**ID**, Name, Address)

Student-module (**ID\***, **Module-Code\***, Name, Address)

Modules (**Module-Code**, Faculty\*, Year)

Faculties (**Faculty**, Subject)

**UNF**

Adding Price to the package ID because it will clarify the budget of the Package.

Package (**Package\_ID**, Pakage\_Name, {Destination}, Total\_Days, Difficulty, Package\_Price)

Destination is the repeating group because a package might have multiple destinations for example Pokhara and Ghandruk.

**1NF**

Removing the repeating group and creating the Destination Package and assigning

Package (**Package\_ID**, Pakage\_Name, Total\_Days, Difficulty, Package\_Price)

Destination\_Package (**Package\_ID\***, **Destination**)

**2NF**

Package (**Package\_ID**, Pakage\_Name, Total\_Days, Difficulty, Package\_Price)

Destination\_Package (**Package\_ID\***, **Destination\_ID\***)

Destination (**Destination\_ID**, Destination)

**3NF**

Package (**Package\_ID**, Pakage\_Name, Total\_Days, Difficulty, Package\_Price)

Destination\_Package (**Package\_ID\***, **Destination**)

There are no transative dependencies