Table 1:

UNIT(unitNo, unitName, unitdesc, unitValue)

1NF:

UNIT(unitNo, unitName, unitdesc, unitValue)

unitNo->

LETTURER REPORT

UNF:

LECTURER (lectNo, lectName, lectOffice, lectPhone (unitNo, unitName))

1NF:

LECTURER (*lectNo*, lectName, lectOffice, lectPhone)

*lectNo*🡪lectName, lectOffice, lectPhone Full dependency

ADVISES (lectNo, unitNo, unitName)

unitNo🡪unitName Partial Dependency

2NF:

LECTURER (*lectNo*, lectName, lectOffice, lectPhone)

ADVICES (lenctNo, unitNO, unitName)

UNIT (unitNo, unitName)

3NF:

LECTURER (*lectNo*, lectName, lectOffice, lectPhone)

ADVICES (lenctNo, unitNO, unitName)

UNIT (unitNo, unitName)

Table 3: Student Details

UNF:

STUDENT (studNo, studName, studAddress, courseEnr, modeOfStudy, mentorNo, mentorName (unitNo, unitName, year, sem, grade))

1NF:

STUDENT (studNo, studName, studAddress, courseEnr, modeOfStudy, mentorNo, mentorName)

mentorNo🡪mentorName Transitive Dependency

stuNo🡪 stuName, stuaAddress, stuCOurse, stuMonde, lectNo Full Dependency

ACADEMIC RECORD (studNo, unitNo, unitName, year, sem, grade)

unitNo🡪 unitName Partial Dependency

stuNo, unitNo, year, sem🡪 grade Full Dependency

2NF:

STUDENT (studNo, studName, studAddress, courseEnr, modeOfStudy, mentorNo, mentorName)

ACADEMIC RECORD (studNo, unitNo, year, sem, grade)

UNIT (unitNo, unitName)

3NF:

STUDENT (studNo, studName, studAddress, courseEnr, modeOfStudy, mentorNo, mentorName)

ACADEMIC RECORD (studNo, unitNo, year, sem, grade)

UNIT (unitNo, unitName)

COLLECTED 3NF Relation:

UNIT(unitNo)

LECTURER (*lectNo*, lectName, lectOffice, lectPhone)

ADVICES (lenctNo, unitNO, unitName)

UNIT (unitNo, unitName)

ATTRIBUTE SYNTHESIS:

1. 4. & 8.

UNIT (unitNo, unitName, unitDesc, unitValue)

1. & 6,