Department Dimension Table

Department

Departmen\_bldg

Budget

Course Dimension Table

Student Dimension Table

Address Dimension Table

Bldg\_name

Street

City

State

Country

Student\_id

Course\_id

Semester

Instructor\_id

Avg\_grade

Fig: Snowflake Schema for University database

Semester\_number

Year

Semester Dimension Table

University Fact Table

Student\_id

Semester

IA\_marks

Practical\_marks

Avg\_grade Dimension Table

Instructor\_id

Instructor\_name

Department

Instructor Dimension Table

Course\_id

Course\_name

Department

Student\_id

Student\_name

Address

Major

Status

Year

Student Dimension Table

Semester\_number

Year

Fig: Star Schema for University database

Student\_id

Semester

IA\_marks

Practical\_marks

Avg\_grade Dimension Table

Course Dimension Table

Student\_id

Student\_name

Student\_address

Major

Status

Year

University Fact Table

Instructor Dimension Table

Semester Dimension Table

Instructor\_id

Instructor\_name

Department

Course\_id

Course\_name

Department

Student\_id

Course\_id

Semester

Instructor\_id

Avg\_grade