

```
@startuml
entity Student{
    StudentNo INTEGER,
    StudentName VARCHAR(30),
    Major VARCHAR(30),
    Age INTEGER,
    CONSTRAINT pk_std PRIMARY KEY(StudentNo)
}
entity Subject{
    SubjectNo INTEGER,
    SubjectName VARCHAR(30),
    ClassHours DATETIME,
    Classroom VARCHAR(10),
    ProfessorNo INTEGER
    CONSTRAINT pk_subj PRIMARY KEY(SubjectNo),
    CONSTRAINT fk_subj_to_pfsr FOREIGN KEY(ProfessorNo) REFERENCES
Professor(ProfessorNo)
}
entity Class{
    StudentNo INTEGER,
    SubjectName VARCHAR(30),
    CONSTRAINT fk_cls_to_stu FOREIGN KEY(StudentNo) REFERENCES
Student(StudentNo),
    CONSTRAINT fk_cls_to_subj FOREIGN KEY(SubjectName) REFERENCES
Subject(SubjectName),
    CONSTRAINT pk_cls PRIMARY KEY(StudentNo,SubjectName)
}
entity Professor{
    ProfessorNo INTEGER,
    SubjectNo INTEGER,
    ProfessorName VARCHAR(30),
    DepartmentNo INTEGER,
    CONSTRAINT pk_pfsr PRIMARY KEY(ProfessorNo),
    CONSTRAINT fk_pfsr_to_subj FOREIGN KEY(SubjectNo) REFERENCES
Subject(SubjectNo)
}
Student ||--|{Class : 포함관계
Class }--||Subject : 의존관계
Subject }--||Professor : 담당
Subject ||--|{Professor : 의존

@enduml
```