|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DS thuộc tính | Dang 1NF | Dang 2NF | Dang 3NF | Bang |
| ClassCode  Classname  StartDate  EndDate  codeSubject  nameSubject  idNo  fullname  Gender  Birthday  Location  Status  Term\_id  nameTerm  id\_Grade  id\_subject  assignment1  assignment2  midpoint  final  total  status | ClassCode  Classname  codeSubject  nameSubject  Term\_id  nameTerm  idNo  fullname  codeSuject  id\_Grade  id\_subject  assignment1  assignment2  midpoint  final  total  status | ClassCode  Classname  codeSubject  nameSubject  Term\_id  nameTerm  idNo  codeSubject  id\_Grade  id\_subject  assignment1  assignment2  midpoint  final  total  status | IdNo  fullname  Gender  birthday  Location  ClassCode  Classname  StartDate  EndDate  idNo  ClassCode  codeSubject  nameSubject  totalSlot  idNo  codeSubject  Term\_id  nameTerm  CodeSubject  Id\_term  id\_Grade  id\_subject  assignment1  assignment2  midpoint  final  total  status  id\_Grade  id\_student | Student  Class  Student\_Class  Subject  Student\_Subject  Term  Subject\_Term  Grade  Grade\_Student |

Create Database BTLSQL

go

Use QLDiemSV

go

-- Tao Bang Mon Hoc --

Create Table Subject

(

CodeSubject char(5) primary key,

nameSubject nvarchar(30) not null,

totalSlot int not null check ( (totalSlot>0)and (totalSlot <30) )

)

-- Tao Bang Lop ---

Create Table Class

(

CodeClass char(5) primary key,

ClassName nvarchar(30) not null,

StartDate Datetime,

EndDate Datetime

)

--- Tao Bang Sinh Vien ---

Create Table Student

(

idNo char(15) primary key,

fullname nvarchar(20) ,

Gender bit ,

birthday datetime ,

Location nvarchar(50) ,

)

--- Tao Bang Ki hoc---

Create Table Term

(

Id\_Term char(5) primary key,

Name\_term nvarchar(40) not null

)

--- Tao Bang Diem ---

Create Table Grade\_Category

(

Id\_Grade char(5) primary key,

Id\_subject char(5) foreign key references CodeSubject (Subject)

,

assignment1 int,

assignment2 int,

midpoint int,

final int,

total int,

status bit

)

--- Tao Bang Grade\_Student

Create Table Grade\_Student

(

Id\_Grade char(5),

idNo char(15)

)

Create Table Student\_Class (

idNo char(15),

CodeClass char(5)

)

Create Table Student\_Subject (

IdNo char(15),

CodeClass char(5)

)

Create Table Subject\_Term (

CodeSubject char(15),

Id\_term char(5)

)

Insert du lieu Class

insert into Class values('01',N'Se1601,'2022-01-01','2022-03-01')

insert into Class values('02',N'Se1602,'2022-01-01','2022-03-01')

Student

insert into Student values(HE1,N'Nguyễn Minh Một',1,'08/27/1989','Hải Dýõng')

insert into Student values('HE2',N'Nguyễn Minh Hai',1,'2/08/1989','Nam Dinh')

insert into Student values(HE3,N'Nguyễn Minh Ba',1,'7/04/1989','Ninh Binh')

Subject