



# BackEnd

## InterFaces :

### ▼ IService

the class that implements this interface is the class whos need to valid some fields

in this interface there is a **default boolean functions** which validate strings / numbers

### ▼ IDbMySQL

1. Create Connection

**Default Boolean Function For Connecting**

2. Inserts

## Abstract Classes :

### ▼ Person → Implements : IDbMySQL, IService

id - firstname - lastname - Birthdate - sex

constructors

GettersSetters

## Classes :

### ▼ Address

city // street // zip

Constructors

GettersSetters

Tostring

▼ Student → Person

studentnum / address

constructors

GettersSetters

- GetFullName() returns a full name of studnets
- **private** numValidation() returns a boolean if its Valid - **Regex Expression**

▼ Employee → Person

salary - address - position - contactNo

constructors

GettersSetters

- GetFullName
- InsertIntoDB - Create connection with DriverManager , Create Statment and ExecuteUpdates(String Passed - : sql insert command)

▼ Lecturer → Employee

▼ Course

▼ Department

▼ University

▼ Universities