Registration_ClassDiagram

Registeration
+ Name: String
+ Phone:String
+ Password:String
+ ConfirmPassword:String
+ regVal(): String
+ redirect(void):void

Registration_FlowChart_01

```
          ( start )
             │
   ┌──────────────────┐
   │   get the Name   │
   └──────────────────┘
             │
        ◇ is the length of the Name is<=50 char
          &&every char inside the name is in [a-z]
          or[A-Z]? ◇ ──── No ────┐
             │ YES               │
   ┌──────────────────┐          │
   │  get the Phone   │          │
   │      Number      │          │
   └──────────────────┘          │
             │                   │
        ◇ dose the Phone contains only numbers? ◇ ── No ──┐
             │ YES              │                          │
   ┌──────────────────┐         │                          │
   │    get the       │         │                          │
   │    password      │         │                          │
   └──────────────────┘         │                          │
             │                  │                          │
        ◇ is the length of the Password               
          >= 8 characters&& including uppercase        
          alphabets and one number. ◇ ──── No ────┐
             │ YES                                 │
   ┌──────────────────┐                            │
   │ get the confirmation                          │
   │      password    │                            │
   └──────────────────┘                            │
             │                                     │
        ◇ are the confirmation password & password the same? ◇ ── No ──┐
             │ YES
   ┌──────────────────┐
   │ open connection with the
   │      database    │
   └──────────────────┘
             │
        ◇ does the phone number
          exist in the database? ◇ ──── yes ───┐
             │ no                              │
   ┌──────────────────┐            ┌──────────────────┐
   │ create new user to           │ display error message
   │  the database    │           │ says"Phone number
   └──────────────────┘           │ already exists!" │
             │                    └──────────────────┘
   ┌──────────────────┐
   │ close the connection
   └──────────────────┘
             │
          ( end )
```

display error message
"invalid input"

Registration_SequenceDiagram_01

Registeration page		Login page

- regVal()
- empty String
- redirect to Login page

Registration_SequenceDiagram_02

Registeration page

- regVal()
- validation error
- display error message