# NineDots Assessment Architecture Document

1. Database
    1.1. Customers:
        - Id (nVarchar)
        - Name (nVarchar)
        - IC (nVarchar)
        - Mobile (nVarchar)
        - Email (nVarchar)
        - PIN (nVarchar)
        - Verified (Bit)

2. EndPoinsts

    2.1. Registration Process
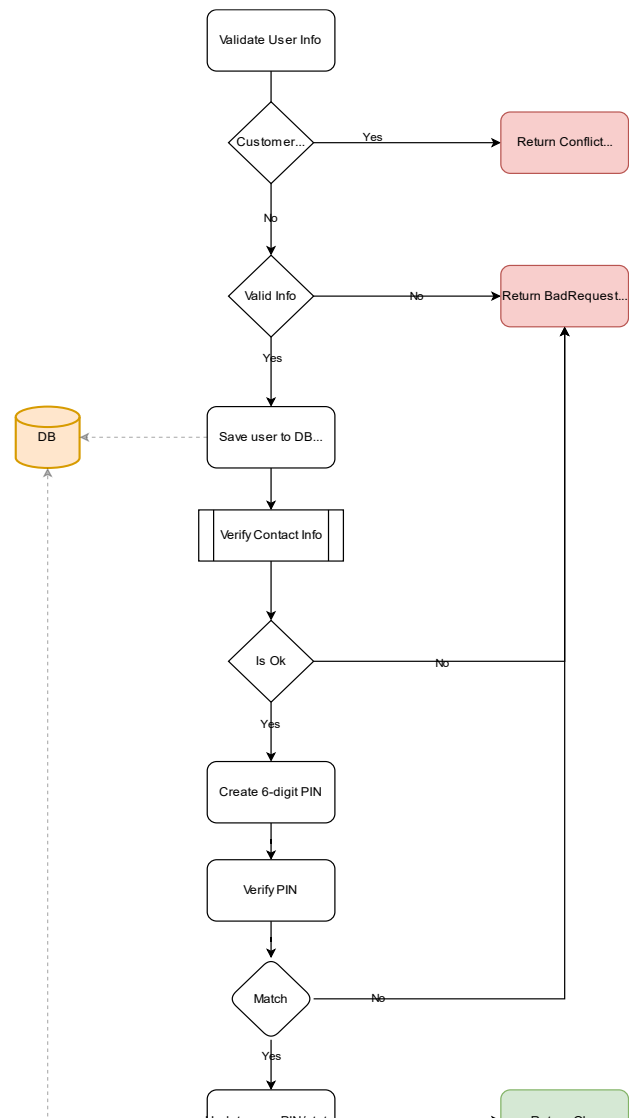    Http Verb: POST
    URL:{{BaseUrl}}/Api/Register
    Payload:{
        Name:"string",
        IC:"string",
        Mobile:"string",
        Email:"string"
        }
    Response:HttpCode(200)
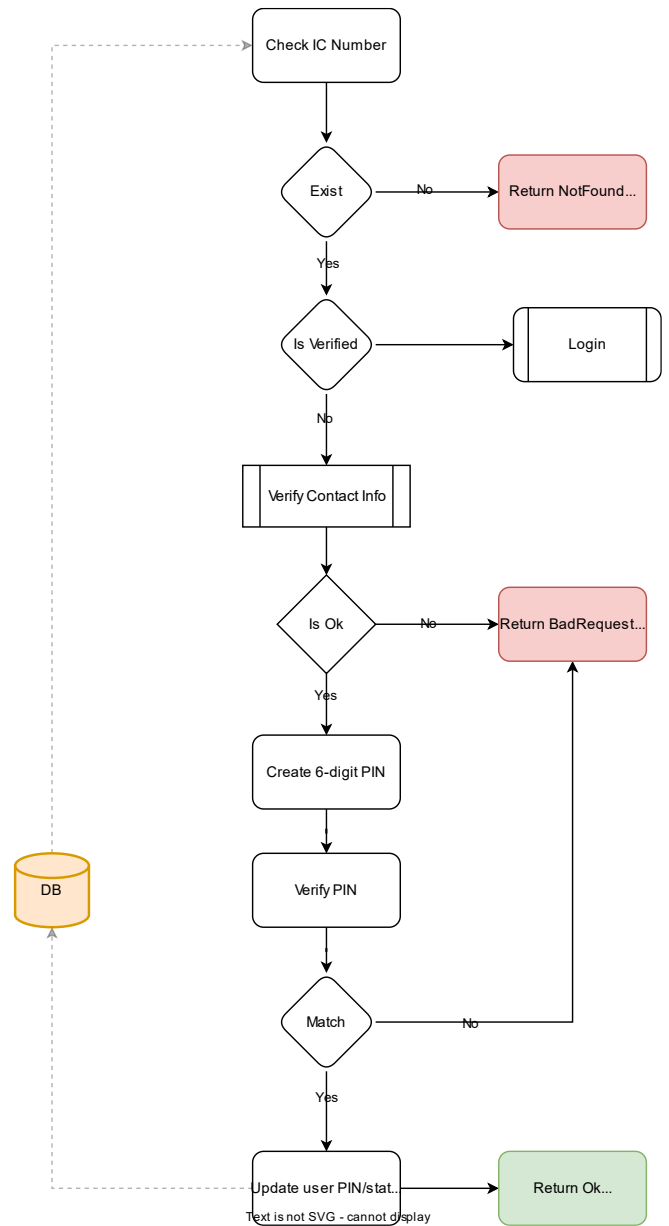    {Response:"logged User ID"}

## 2.2. Migrate New User

Http Verb: POST

URL:{{BaseUrl}}/api/MigrateUser/{ic}

Payload:{ ic:"string" }

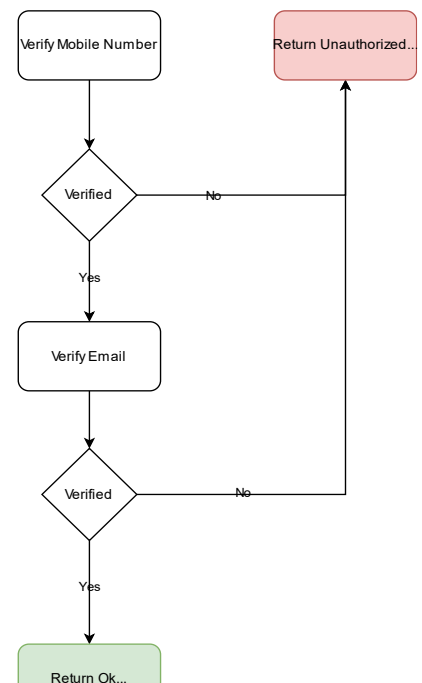Response:HttpCode(200)

{ Response:"logged User ID"}



## 2.3. VerifyPIN

Http Verb: POST

URL:{{BaseUrl}}/api/VerifyPIN

Input:{id:"XXX, pin"XXX", confirmed_pin:"XXX"}

Response Http Code (200)

2.4. Verify Contact Info

2.4.1. SendMobileOTP
Http Verb: POST
URL:{{BaseUrl}}/api/Mobile/Send/{id }
Input:{id:"XXX}
Response Http Code (200)

2.4.2. VerifyMobileOTP
Http Verb: POST
URL:{{BaseUrl}}/api/Mobile/verify
Input:{ id:"XXX", otp:"XXX"}
Response Http Code (200)

2.4.3. SendEmailOTP
Http Verb: POST
URL:{{BaseUrl}}/api/Email/Send/{id }
Input:{id:"XXX}
Response Http Code (200)

2.4.4. VerifyEmailOTP
Http Verb: POST
URL:{{BaseUrl}}/api/Email /verify
Input:{ id:"XXX", otp:"XXX"}
Response Http Code (200)