# Synthentic Financial Manager System For Fraud Transactions
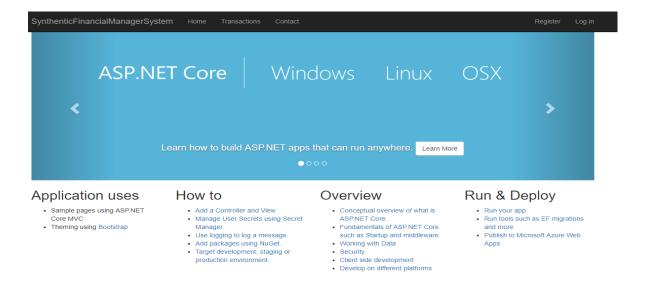
## Web App

https://synthenticfinancialmanagersystemwebapp.cfapps.us10.hana.ondemand.com/



## Web Service

https://synthenticfinancialmanagersystemwebservice.cfapps.us10.hana.ondemand.com/swagger/

# Database  -> Code First

base

**ActionRole**

| | | |
|---|---|---|
| 🔑 Role | varchar(50) | |
| 🔑 Id Action | integer | |
| Active | bool | b |
| CreateBy | varchar(50) | t |
| Creation Date | timestamp | d |
| UpdateBy | varchar(50) | t |
| UpdateDate | timestamp | d |

Role →

**Role**

| | | |
|---|---|---|
| 🔑 RoleName | varchar(50) | |
| Active | bool | b |
| CreateBy | varchar(50) | t |
| Creation Date | timestamp | d |
| UpdateBy | varchar(50) | t |
| UpdateDate | timestamp | d |

← Role

**UserRole**

| | | |
|---|---|---|
| 🔑 Id User | integer | |
| 🔑 Role | varchar(50) | |
| Active | bool | b |
| CreateBy | varchar(50) | t |
| Creation Date | timestamp | d |
| UpdateBy | varchar(50) | t |
| UpdateDate | timestamp | d |

Id User →

**User**

| | | |
|---|---|---|
| 🔑 Id | serial | |
| AccessFailedCount | integer | # |
| ConcurrencyStamp | text | t |
| Discriminator | text | t |
| Email | varchar(256) | t |
| EmailConfirmed | bool | b |
| LockoutEnabled | bool | b |
| LockoutEnd | timestamptz | d |
| 🔍 Normalized Email | varchar(256) | t |
| 🔍 Normalized User Name | varchar(256) | t |
| Password Hash | text | t |
| PhoneNumber | text | t |
| PhoneNumber Confirmed | bool | b |
| SecurityStamp | text | t |
| TwoFactor Enabled | bool | b |
| UserName | varchar(50) | t |

IdAction ↓

**Action**

| | | |
|---|---|---|
| 🔑 Id Action | integer | |
| 🔑 ActionName | varchar(50) | t |

Business

**Transaction**

| | | |
|---|---|---|
| 🔑 IdTransaction | serial | # |
| Amount | numeric(10,3) | # |
| IsFraud | bool | b |
| NameDest | varchar(30) | t |
| NameOrig | varchar(30) | t |
| Transaction Date | date | d |
| Type | varchar(20) | t |