**DB\_Structure(Script)**

**Borrower:**

CREATE TABLE [dbo].[Borrower\_details](

[SSN] [int] NOT NULL,

[Borrower FirstName] [varchar](50) NULL,

[Borrower LastName] [varchar](50) NULL,

[Borrower Email] [varchar](50) NULL,

[Home Phone] [varchar](50) NULL,

[Cell Phone] [varchar](50) NULL,

[Marital Status] [varchar](50) NULL,

[Date of Birth] [datetime] NULL,

[Current Street Address] [varchar](50) NULL,

[City] [varchar](50) NULL,

[State] [varchar](50) NULL,

[Zip] [varchar](50) NULL,

[YearsAtThisAddress] [int] NULL,

[Sex] [varchar](50) NULL,

[Ethnicity] [varchar](50) NULL,

[Race] [varchar](50) NULL

)

**Financial:**

CREATE TABLE [dbo].[Financial\_details](

[SSN] [int] NOT NULL,

[MonthlyIncome] [varchar](50) NULL,

[Bonuses] [varchar](50) NULL,

[Commission] [varchar](50) NULL,

[OtherIncome] [varchar](50) NULL,

[Rent or Own] [varchar](50) NULL,

[Checking] [int] NULL,

[Savings] [int] NULL,

[RetirementFund] [int] NULL,

[MutualFund] [int] NULL

)

**Loan:**

CREATE TABLE [dbo].[Loan\_details](

[Loan\_ID] [int] NOT NULL,

[SSN] [int] NOT NULL,

[Property\_ID] [int] NOT NULL,

[Purpose of Loan] [varchar](50) NULL,

[LoanAmount] [int] NULL,

[Purchase Price] [int] NULL,

[CreditCardAuthorization] [varchar](50) NULL,

[Number of Units] [int] NULL,

[Refferal] [varchar](50) NULL,

[Co-Borrower SSN] [int] NOT NULL,

[Loan Date] [date] not null

)

**Property:**

CREATE TABLE [dbo].[Property\_details](

[Property\_ID] [int] NOT NULL,

[SSN] [int] NOT NULL,

[Property Usage] [varchar](50) NULL,

[Property City] [varchar](50) NULL,

[Property State] [varchar](50) NULL,

[Property Zip] [int] NULL,

[RealEstateAgentName] [varchar](50) NULL,

[RealEstateAgentPhone] [varchar](50) NULL,

[RealEstateAgentEmail] [varchar](50) NULL

)

**Constraints and Relationships:-**  After Creating the above tables, i.e Executing the above script add the following relations to your Database.

Borrower: Primary key on SSN

Financial: Primary Key on SSN and FK referencing Borrower table

Loan:

PK on Loan\_ID,

FK on SSN ref Borrower and

Property ID ref Property table and

Co borrower SSN ref borrower table.

Property: PK on Property ID and FK on SSN ref borrower.