MACHINE TEST

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Question: TravelRequestManagement

SQL script

USE TravelManagementSystem;

Create table role(

roleId int identity(1,1) primary key,

role varchar(30) unique

)

Create table Users(

L\_Id int identity(1,1) primary key,

userName varchar(40) not null,

password varchar(40) not null,

roleId int foreign key references role(roleId) not null,

isActive bit not null

)

Create table EmployeeRegistration(

EmpId int identity(1,1) primary key,

FirstName varchar(20) not null,

LastName varchar(30) not null,

Age int not null,

Gender varchar(10) not null,

Address varchar(30) not null,

PhoneNo numeric(10) not null,

L\_Id int foreign key references Users(L\_Id) not null,

isActive bit not null

)

Create table ProjectTable(

project\_Id int identity(1,1) primary key,

projectName varchar(30) not null

)

create table RequestTable(

request\_id int identity (1,1) primary key,

cause\_travel varchar(20) not null,

source varchar(25) not null,

destination varchar(25) not null,

mode varchar(20) not null,

from\_date Date,

to\_date Date,

no\_days numeric not null,

priority varchar(20),

project\_Id int foreign key references ProjectTable(project\_Id) not null,

EmpId int foreign key references EmployeeRegistration(EmpId) not null,

status varchar(20)

)

DB Design – ER Diagram

