Database SQL table creations :

CREATE TABLE Users (

UserID int NOT NULL,

FirstName varchar(30) NOT NULL,

LastName varchar(50) NOT NULL,

Department varchar(30) NOT NULL,

IsAdmin bit NOT NULL,

Active bit NOT NULL,

PRIMARY KEY (UserID)

)

CREATE TABLE Calendar\_Events (

EventID int NOT NULL,

CalendarID int NOT NULL,

Event\_Name varchar(25) NOT NULL,

Event\_Location varchar(30),

Event\_Date varchar(10) NOT NULL,

Event\_Duration int,

StartTime int,

EndTime int,

RecipientNumber int,

PRIMARY KEY (EventID)

)

ALTER TABLE Calendar\_Events

ADD FOREIGN KEY (CalendarID)

REFERENCES Calendar(CalendarID)

CREATE TABLE InvitedEvents (

UserID int NOT NULL,

EventID int NOT NULL,

Accepted bit,

PRIMARY KEY(UserID,EventID)

)

CREATE TABLE SharedCalendar (

UserID int NOT NULL,

CalendarID int NOT NULL,

ShareCalendarID int NOT NULL,

PRIMARY KEY (ShareCalendarID),

FOREIGN KEY (UserID) REFERENCES Users(UserID)

)

CREATE TABLE Calendar (

CalendarID int NOT NULL,

PRIMARY KEY (CalendarID)

)

CREATE TABLE Reminders (

EventID int NOT NULL,

UserID int NOT NULL,

ReminderID int NOT NULL,

PRIMARY KEY (ReminderID),

FOREIGN KEY (UserID) REFERENCES Users(UserID),

FOREIGN KEY (EventID) REFERENCES Calendar\_Events(EventID)

)