CREATE TABLE [Admin]

(

[IdUser] integer NOT NULL

)

go

CREATE TABLE [Event]

(

[IdEvent] integer NOT NULL AUTO\_INCREMENT,

[eventName] varchar(100) NOT NULL ,

[type] varchar(30) NOT NULL ,

[description] text NOT NULL ,

[numOfParticipants] integer NOT NULL ,

[picture] varbinary NULL ,

[isActive] bit NOT NULL ,

[openApplications] bit NOT NULL ,

[isApproved] bit NOT NULL ,

[IdEventCom] integer NULL

)

go

CREATE TABLE [EventApplication]

(

[IdUser] integer NOT NULL ,

[IdEvent] integer NOT NULL ,

[motivationalLetter] text NULL ,

[isAccepted] bit NOT NULL

)

go

CREATE TABLE [LocalCommittee]

(

[IdUser] integer NOT NULL ,

[committeeName] varchar(50) NOT NULL ,

[universityName] varchar(50) NOT NULL ,

[picture] varbinary NULL ,

[type] varchar(20) NOT NULL ,

[isApproved] bit NOT NULL

)

go

CREATE TABLE [OrganizingCommittee]

(

[IdUser] integer NOT NULL ,

[IdEvent] integer NOT NULL

)

go

CREATE TABLE [RegUser]

(

[IdUser] integer NOT NULL ,

[IdUserCom] integer NULL ,

[name] varchar(20) NOT NULL ,

[surname] varchar(20) NOT NULL ,

[picture] varbinary NULL ,

[isApproved] bit NOT NULL

)

go

CREATE TABLE [User]

(

[IdUser] integer NOT NULL AUTO\_INCREMENT ,

[username] varchar(20) NOT NULL ,

[password] varchar(20) NOT NULL ,

[email] varchar(50) NOT NULL

)

go

ALTER TABLE [Admin]

ADD CONSTRAINT [XPKAdmin] PRIMARY KEY CLUSTERED ([IdUser] ASC)

go

ALTER TABLE [Event]

ADD CONSTRAINT [XPKEvent] PRIMARY KEY CLUSTERED ([IdEvent] ASC)

go

ALTER TABLE [EventApplication]

ADD CONSTRAINT [XPKEventApplication] PRIMARY KEY CLUSTERED ([IdUser] ASC,[IdEvent] ASC)

go

ALTER TABLE [LocalCommittee]

ADD CONSTRAINT [XPKLocalCommittee] PRIMARY KEY CLUSTERED ([IdUser] ASC)

go

ALTER TABLE [OrganizingCommittee]

ADD CONSTRAINT [XPKOrganizingCommittee] PRIMARY KEY CLUSTERED ([IdUser] ASC,[IdEvent] ASC)

go

ALTER TABLE [RegUser]

ADD CONSTRAINT [XPKRegUser] PRIMARY KEY CLUSTERED ([IdUser] ASC)

go

ALTER TABLE [User]

ADD CONSTRAINT [XPKUser] PRIMARY KEY CLUSTERED ([IdUser] ASC)

go

ALTER TABLE [Admin]

ADD CONSTRAINT [R\_2] FOREIGN KEY ([IdUser]) REFERENCES [User]([IdUser])

ON DELETE CASCADE

ON UPDATE CASCADE

go

ALTER TABLE [Event]

ADD CONSTRAINT [R\_7] FOREIGN KEY ([IdEventCom]) REFERENCES [LocalCommittee]([IdUser])

ON DELETE RESTRICT

ON UPDATE CASCADE

go

ALTER TABLE [EventApplication]

ADD CONSTRAINT [R\_8] FOREIGN KEY ([IdUser]) REFERENCES [RegUser]([IdUser])

ON DELETE RESTRICT

ON UPDATE CASCADE

go

ALTER TABLE [EventApplication]

ADD CONSTRAINT [R\_9] FOREIGN KEY ([IdEvent]) REFERENCES [Event]([IdEvent])

ON DELETE RESTRICT

ON UPDATE CASCADE

go

ALTER TABLE [LocalCommittee]

ADD CONSTRAINT [R\_3] FOREIGN KEY ([IdUser]) REFERENCES [User]([IdUser])

ON DELETE CASCADE

ON UPDATE CASCADE

go

ALTER TABLE [OrganizingCommittee]

ADD CONSTRAINT [R\_10] FOREIGN KEY ([IdUser]) REFERENCES [RegUser]([IdUser])

ON DELETE RESTRICT

ON UPDATE CASCADE

go

ALTER TABLE [OrganizingCommittee]

ADD CONSTRAINT [R\_11] FOREIGN KEY ([IdEvent]) REFERENCES [Event]([IdEvent])

ON DELETE RESTRICT

ON UPDATE CASCADE

go

ALTER TABLE [RegUser]

ADD CONSTRAINT [R\_1] FOREIGN KEY ([IdUser]) REFERENCES [User]([IdUser])

ON DELETE CASCADE

ON UPDATE CASCADE

go

ALTER TABLE [RegUser]

ADD CONSTRAINT [R\_6] FOREIGN KEY ([IdUserCom]) REFERENCES [LocalCommittee]([IdUser])

ON DELETE RESTRICT

ON UPDATE CASCADE

go