**ESTABLISHING THE BUSINESS RULES FOR ENSURING THE VALID ENTRIES**

**1) Each customer can purchase maximum of 10 tickets per purchase instance**

**CREATE FUNCTION TicketCountLimit()**

**RETURNS INTEGER**

**AS**

**BEGIN**

**DECLARE @RET INTEGER = 0**

**IF EXISTS (SELECT T.Purchase\_count, C.Customer\_ID**

**FROM tblTICKET T**

**JOIN tblCUSTOMER C ON T.Customer\_ID = C.Customer\_ID**

**WHERE T.Purchase\_count > 10)**

**BEGIN**

**SET @RET = 1**

**END**

**RETURN @RET**

**END**

**GO**

**ALTER TABLE tblTICKET**

**ADD CONSTRAINT LessThan10PerCustomer**

**CHECK (dbo.TicketCountLimit()=0)**

**GO**

**2) All male athletes must be at least 21 years old**

**CREATE FUNCTION AthleteAgeLimit()**

**RETURNS INTEGER**

**AS**

**BEGIN**

**DECLARE @RET INTEGER = 0**

**IF EXISTS (SELECT \***

**FROM tblATHLETE AS A**

**JOIN tblGENDER G ON A.Gender\_ID = G.Gender\_ID**

**WHERE A.Gender\_ID = '1'**

**AND DATEDIFF(YEAR, A.DateOfBirth, GETDATE()) < 21)**

**BEGIN**

**SET @RET = 1**

**END**

**RETURN @RET**

**END**

**GO**

**ALTER TABLE tblATHLETE**

**IMT543 GROUP1 ADD CONSTRAINT MaleAthleteAgeLimit**

**CHECK (dbo.AthleteAgeLimit()=0)**

**GO**