

Running Organizations Project (Phase : Physical Design)

CREATION SCRIPTS

TEAM	<pre> CREATE TABLE `TEAM` (`Team_ID` Char(5) NOT NULL UNIQUE, `Team_Name` Char(30) NOT NULL, `Number_Of_Members` Int(5) , CONSTRAINT Team_PK PRIMARY KEY (`Team_ID`)); CREATE INDEX `TeamIndex` ON `TEAM` (`Team_ID`) </pre>
RUNNER	<pre> CREATE TABLE `RUNNER` (`Runner_SSN` Int(12) NOT NULL UNIQUE, `Runner_Name` Char(16) NOT NULL, `Runner_Midname` Char(16) , `Runner_Surname` Char(20) NOT NULL, `Age_Of_Runner` Int(3) NOT NULL, `Sex_Of_Runner` Char(6) NOT NULL, `Team_ID` Char(5) NOT NULL UNIQUE, CONSTRAINT Runner_PK PRIMARY KEY (`Runner_SSN`), CONSTRAINT Runner_FK FOREIGN KEY (`Team_ID`) REFERENCES TEAM(`Team_ID`)); CREATE INDEX `RunnerIndex` ON `RUNNER` (`Runner_SSN`) </pre>
MARATHON_ATTENDANCE	<pre> CREATE TABLE `MARATHON_ATTENDANCE` (`Runner_SSN` Int(12) NOT NULL UNIQUE, `Marathon_ID` Char(5) NOT NULL UNIQUE, `Chest_Number` Int(5) NOT NULL UNIQUE, `Ins_Medical_Report` Boolean , CONSTRAINT Attendance_PK PRIMARY KEY (`Runner_SSN`, `Marathon_ID`), CONSTRAINT Attendance_FK1 FOREIGN KEY (`Runner_SSN`) REFERENCES RUNNER(`Runner_SSN`), CONSTRAINT Attendance_FK2 FOREIGN KEY (`Marathon_ID`) REFERENCES MARATHON(`Marathon_ID`)); </pre>
MARATHON	<pre> CREATE TABLE `MARATHON` (`Marathon_ID` Char(5) NOT NULL, `Marathon_Name` Char(30) NOT NULL, `Type_Of_Marathon` Char(15) NOT NULL, CHECK (`Type_Of_Marathon` IN ('Road-Marathon' , 'Trail-Marathon')), `Location_Of_Marathon` Char(30) NOT NULL, `Type_Of_Distances` Char(5) NOT NULL, CHECK (`Type_Of_Marathon` = 'Road-Marathon' IN ('10 km','15 km','21 km','42 km')), `Type_Of_Stages` Char(10) NOT NULL, CONSTRAINT Marathon_PK PRIMARY KEY (`Marathon_ID`)); CREATE INDEX `MarathonIndex` ON `MARATHON` (`Marathon_ID`) </pre>

HEALTH_SERVICE	<pre> CREATE TABLE `MARATHON` (`Doctor_SSN` Int(2) NOT NULL, UNIQUE, `Marathon_ID` Char(5) NOT NULL, UNIQUE, `Doctor_Name` Char(15) NOT NULL, `Doctor_Surname` Char(15) NOT NULL, `Doctor_Telephone` Int(12) NOT NULL, `Ambulance_Plate` Char(8) NOT NULL, CONSTRAINT Health_PK PRIMARY KEY (`Doctor_SSN`), CONSTRAINT Health_FK FOREIGN KEY (`Marathon_ID`) REFERENCES MARATHON(`Marathon_ID`)); </pre>
MARATHON_DATE	<pre> CREATE TABLE `MARATHON_DATE` (`Marathon_ID` Char(5) NOT NULL UNIQUE, `Start_Date_Of_Marathon` Date() NOT NULL, `Finish_Date_Of_Marathon` Date() NOT NULL, CONSTRAINT Date_PK PRIMARY KEY (`Marathon_ID`, `Start_Date_Of_Marathon`), CONSTRAINT Date_FK FOREIGN KEY (`Marathon_ID`) REFERENCES MARATHON(`Marathon_ID`)); </pre>
MARATHON_SPONSOR	<pre> CREATE TABLE `MARATHON_SPONSOR` (`Sponsor_ID` Char(5) NOT NULL UNIQUE, `Marathon_ID` Char(5) NOT NULL UNIQUE, `Sponsor_Type` Char(12) , `Budget_For_Marathon` Int(12) , CONSTRAINT MSponsor_PK PRIMARY KEY (`Sponsor_ID`, `Marathon_ID`), CONSTRAINT MSponsor_FK FOREIGN KEY (`Marathon_ID`) REFERENCES MARATHON(`Marathon_ID`), CONSTRAINT MSponsor_FK FOREIGN KEY (`Sponsor_ID`) REFERENCES SPONSOR(`Sponsor_ID`),); </pre>
SPONSOR	<pre> CREATE TABLE `SPONSOR` (`Sponsor_ID` Char(5) NOT NULL UNIQUE, `Sponsor_Name` Char(30) NOT NULL, `Sponsor_Address` Char(36) NOT NULL, `Sponsor_Tel` Int(20) , CONSTRAINT Sponsor_PK PRIMARY KEY (`Sponsor_ID`)); CREATE INDEX `SponsorIndex` ON `SPONSOR` (`Sponsor_ID`) </pre>