QuarryHillDbDesign\_TableSchemas(DAP&RM).docx

Final Project – Fall 2019

CS385 – Applied Database Management Systems

Doug Plager and Riley Morrow

Due date: 12/10/2019, 9 am

Database files: (a) QuarryHillDb2.sql (DDL); (b) QuarryHillDb2.db

Abbreviations: Primary Key = underlined; Foreign Key = FK

QuarryHillDb2 Table Schemas:

1. **Camps**( campID, campTitle, campDescrip, camperAgeGrade, memberFee, nonmemberFee, maxEnroll )

2. **CampSessions**( campSessID, campID, sessionID, year, dateRange, rainDate, sessionTime )

FK = campID referencing Camps

[ NOTE: ‘CampSessions’ was from a “weak entity” dependent on ‘Camps’ (campID) ]

3. **CampReqs**( campID, reqmntID )

FK = ‘campID’ referencing ‘Camps’ & ‘reqmntID’ referencing ‘Requirements’

4. **Requirements**( reqmntID, reqdItem)

[ NOTE: only specifically-noted requirements were included, not general requirements (wet, dirt, sun, insects, athletic shoes, water) ]

5. **Instruction**( campSessID, instrID )

FK = ‘campSessID’ referencing ‘CampSessions’ & ‘instrID’ referencing ‘Instructors’

6. **Instructors**( instrID, firstName, lastName, email, phone )

7. **Registration**( campSessID, camperID, friendRequest, regisFeeAmtPaid, campFeeAmtPaid, scholarship, sessionChange, changeFeeAmtPaid, cancellation, refundAmt )

FK = ‘campSessID’ referencing ‘CampSessions’ & ‘camperID’ referencing ‘Campers’

8. **Campers**( camperID, firstName, midInitial, lastName, DOB, member )

9. **Supporters**( camperID, adultID )

FK = ‘camperID’ referencing ‘Campers’ & ‘adultID’ referencing ‘AdultContacts’

10. **AdultContacts**( adultID, firstName, lastName, email, phone )

11. **MedConditions**( medID, medCondition, camperID, emergencyTx, emergencyMed, authorizeToTx )

FK = ‘camperID’ referencing ‘Campers’