Chapter Four: SQL Implementation

4.1 Database creation

CREATE DATABASE Education\_Sponsorship;

4.2 Data Manipulation

4.2.1 Create Create a new Sponsor

INSERT INTO Sponsor ( Name, Contacts, Donation, ) VALUES (‘Lisa Lee’, ‘lisalee@hotmail.com’, ‘50,000’);

4.2.2. Read Read donation history

SELECT DonationID, Date, Amount FROM Donations;

4.2.3 Update

Update progress grades UPDATE PROGRESSION SET TestScores = 50 WHERE ProgressionID = ( FROM Children WHERE Name = ‘John’)

4.2.4 Delete Delete a record

DELETE FROM Sponsors WHERE Name = ‘Michael’;

4.3 Advanced Queries

Such kinds of requests and queries will address issues with the complex retrieval and manipulation of data within the database. Examples of queries to be carried out are; 10 Calculation of total donations, Report for academic assessment, getting list of any stakeholders, averages and progress reports.