COCOMO

**Multiplier** **Rationale** **Value**

Reliability High Risk to Human Life 1.4

Database Relatively Large Database / LOC ratio 1.16

Complexity Simple DBMS getting and checking methods 0.85

Timing Nominal use of processing time 1.0

Storage Program not memory intensive 1.0

Machine Indented for commercial application; stable 0.87

Turnaround Time expected <4hrs 1.0

Analysts Average Level Analysts 1.0

Programmers Programmers are within the 55th percentile 1.0

Experience Team has at least 1 yr experience 1.13

Experience Team has at least 1 yr experience 1.0

Experience Team has at least 1 yr experience with java 1.0

Practice We will be using routine programming practices 1.0

Tools We will be using Basic (midi/maxi) programming tools 1.0

Schedule We will be using the nominal schedule with no stretch out or acceleration 1.0

EAF = **1.36**

E = **28.56** Programmer/Months

D = **8.94** Months of Development Time

Cost($) = **$71,485.53**