**Feedback Management System**

**Database Design/Tables and the mappings**

**This document contains the list of the tables, domain objects and their mappings along with the data types.**

**Domain models identified:**

* Users
* Roles
* Events
* Participants
* Event Attendance
* Feed Details[excel sheet]
* Feeback Questions
* EventRatings
* EventFeedbacks
* Questions
* Answers
* Employee\_Survey\_Response
* Outreach\_Feed\_tracker (???)

**Transaction Tables/Mappings:**

* USER\_ROLE
* EVENT\_PARTICIPANT
* QUESTION\_ANSWERS
* EMPLOYEE\_SURVEY\_RESPONSE

**List of Tables**

**Table#1:**

**Role**

* ROLE\_ID : INTEGER
* ROLE\_NAME : STRING(50)

**Possible Roles:**

* ADMIN
* POC
* PMO
* PARTICIPANT

**Table#2:**

**Employee**

* EMP\_ID : INTEGER
* EMP\_NAME : STRING(100)
* CONTACT\_NO : STRING(10)
* BUSINESS\_UNIT : STRING(20)
* EMAIL : STRING(50)

**Table#3:**

**Employee\_Roles**

* Emp\_ID : Integer
* Role\_ID : Integer

**Table#4:**

**Event**

* EVENT\_ID : INTEGER
* EVENT\_NAME : VARCHAR(250)
* BENEFICIARY\_NAME : VARCHAR(250)
* BASE\_LOCATION: VARCHAR(100)
* DESCRIPTION: VARCHAR(2000)
* EVENT\_DATE: DATE
* VENUE\_ADDRESS : VARCHAR(1000)
* PROJECT: STRING(10)
* CATEGORY : STRING(20)
* COUNCIL\_NAME : VARCHAR(20)
* TOTAL\_NO\_OF\_VOLUNTEERS: INTEGER
* TOTAL\_VOLUNTEER\_HOURS: INTEGER
* TOTAL\_TRAVEL\_HOURS: INTEGER
* OVERALL\_VOLUNTEER\_HOURS: INTEGER
* LIVES\_IMPACTED : INTEGER
* ACTIVITY\_TYPE: CHARACTER
* STATUS : BOOLEAN
* POC\_ID : INTEGER
* POC\_NAME : VARCHAR(50)
* POC\_CONTACT\_NUMBER: STRING(10)
* BUSINESS\_UNIT: VARCHAR(10)
* STATE: VARCHAR(20)
* COUNTRY: VARCHAR(30)

**Table#5:**

**EVENT\_EMPLOYEE\_PARTICIPATION**

* EVENT\_ID (PRIMARYKEY) : INTEGER
* EMPLOYEE\_ID(PRIMARYKEY): INTEGER
* PARTICIPATION\_FLAG: BOOLEAN
* REGISTRATION\_FLAG: BOOLEAN
* VOLUNTEERS\_HOURS: INTEGER
* TRAVEL\_HOURS: INTEGER
* EVENT\_RATING: INTEGER
* COMMENTS: VARCHAR(1000)

**Registration\_Flag\_Constants:**

* REGISTERED
* CANCELLED

**Participation\_Flag\_Constants:**

* ATTENDED
* NOT\_ATTENDED

**Table#6:**

**EVENT\_SURVEY**

* EVENT\_ID: INTEGER
* QUESTION\_ID: INTEGER

**Table#7:**

**QUESTIONS**

* QUESTION\_ID: INTEGER
* QUESTION\_TEXT: VARCHAR(1000)
* QUESTION\_DESCRIPTION: VARCHAR(2000)
* QUESTION\_TYPE [SINGLE/MULTIPLE ANSWER] : CHARACTER(1)

**TABLE#8:**

**ANSWERS**

* ANSWER\_ID: INTEGER
* ANSWER\_TEXT: VARCHAR(500)

**TABLE#9:**

**QUESTION\_ANSWER**

* QUESTION\_ID : INTEGER
* ANSWER\_ID: INTEGER

**TABLE#10:**

**EMPLOYEE\_SURVEY\_RESPONSE**

* EVENT\_ID: INTEGER
* PARTICIPANT\_ID: INTEGER
* QUESTION\_ID: INTEGER
* ANSWER\_ID: INTEGER

**TABLE#11:**

**OUTREACH\_FEED\_TRACKER**

* FEED\_ID : INTEGER
* FILE\_NAME : VARCHAR(200)
* RECEIVED\_DATE : DATE
* PROCESSED\_DATE : DATE
* PROCESSED\_STATUS : VARCHAR(20)
* COMMENTS : VARCHAR(500)

Constants for PROCESSED\_STATUS:

* RECEIVED
* IN\_PROGRESS
* PROCESSED
* BAD\_FORMAT
* EMPTY