.:: Result Card Generating ERP Database Design::.

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| **01** | **USER\_LEVEL\_INFO** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | LEVEL\_ID | SMALLINT | **PK** | **SEQUENCE** | **BIGINT** |
| 2 | LEVEL\_NAME | NVARCHAR(20) |  |  |  |
| 3 | LEVEL\_CODE | NVARCHAR(20) |  |  |  |
| 4 | SL | SMALLINT | NN,D=1 |  |  |
| 5 | ACTION\_DT | DATETIME | NN,D=NOW |  |  |
| 6 | UPDATE\_DT | DATETIME |  |  |  |
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| **02** | **USER\_INFO** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | USER\_ID | BIGINT | PK |  | SEQUENCE |
| 2 | FULL\_NAME | NVARCHAR (60) | NN,UK |  |  |
| 3 | USER\_LEVEL\_ID | SMALLINT | NN,FK |  | USER\_LEVEL\_INFO |
| 4 | LOGIN\_ID | NVARCHAR(60) | NN,UK |  |  |
| 5 | PASSWORD | NVARCHAR (60) | NN |  |  |
| 6 | EMAIL | VARCHAR (60) |  |  |  |
| 7 | MOBILE | VARCHAR (30) |  |  |  |
| 8 | USER\_PHOTO | VARCHAR2(120) |  |  | FILE PATH |
| 9 | LOGIN\_ATTEMPT | SMALLINT | NN | D=0 |  |
| 10 | LOCK\_START\_DATE | DATETIME |  |  |  |
| 11 | LOCK\_END\_DATE | DATETIME |  |  |  |
| 12 | DATE\_PASSWORD\_CHANGE | DATETIME |  |  |  |
| 13 | ACTION\_DT | DATETIME | NN, D=SYSDATE |  |  |
| 14 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 15 | UPDATE\_DT | DATETIME |  |  |  |
| 16 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
| 17 | IS\_ACTIVE | BOOL | NN,D=TRUE |  | Y=YES, N=NO |
| 18 | IS\_DELETED | SMALLINT | NN | D=0 |  |
| 19 | EMPLOYEE\_ID | BIGINT | NN,FK |  | SET\_EMPLOYEE |
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| **03** | **USER\_LOG** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | SESSION\_ID | VARCHAR (100) | PK |  |  |
| 2 | USER\_ID | BIGINT | NN,FK |  | USER\_INFO |
| 3 | DATE\_START | DATETIME | NN, D=SYSDATE |  |  |
| 4 | DATE\_END | DATETIME |  |  |  |
| 5 | IP\_ADDRESS | VARCHAR(100) |  |  |  |
| 6 | PC\_NAME | VARCHAR(100) |  |  |  |
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| **04** | **USER\_LOG\_ATTEMPT** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | USER\_NAME | VARCHAR (60) |  | EMAIL |  |
| 2 | USER\_FULL\_NAME | VARCHAR (60) |  | NAME |  |
| 3 | USER\_PASSWORD | VARCHAR (40) |  |  |  |
| 4 | DATE\_ATTEMPT | DATETIME | NN, D=SYSDATE |  |  |
| 5 | IP\_ADDRESS | VARCHAR (100) |  |  |  |
| 6 | PC\_NAME | VARCHAR (100) |  |  |  |
| 7 | SESSION\_ID | VARCHAR (100) |  |  |  |
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| **05** | **USER\_PASS\_CHANGE\_HST PASSWORD\_CHANGE\_HISTORY** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | CHANGE\_ID | BIGINT | PK |  |  |
| 2 | USER\_ID | BIGINT | NN, FK |  | USER\_INFO |
| 3 | PASSWORD | NVARCHAR (30) | NN |  |  |
| 4 | CHANGE\_DATE | DATETIME | NN, D=SYSDATE |  |  |
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| **01** | **SET\_COUNTRY** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | COUNTRY\_ID | NUMBER(3) | **PK** |  | **SEQUENCE** |
| 2 | COUNTRY\_NAME | VARCHAR(100) | NN, UK |  |  |
| 3 | ABBR\_NAME | VARCHAR(50) | UK |  |  |
| 4 | COUNTRY\_CODE | VARCHAR(50) | UK |  |  |
| 5 | IS\_DELETED | NUMBER(1) | NN, D=0 |  |  |
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| **06** | **SET\_BANK** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | BANK\_ID | INT | **PK** |  | **SEQUENCE** |
| 2 | BANK\_NAME | NVARCHAR(100) | NN |  |  |
| 3 | BANK\_CODE | VARCHAR(100) | NN |  |  |
| 4 | REMARKS | VARCHAR(120) |  |  |  |
| 5 | BANK\_URL | VARCHAR(60) |  |  |  |
| 6 | ACTION\_DT | DATETIME | NN, D=SYSDATE |  |  |
| 7 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 8 | UPDATE\_DT | DATETIME |  |  |  |
| 9 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
| 10 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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| **07** | **SET\_BANK\_BRANCH** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | BRANCH\_ID | INT | **PK** |  | **SEQUENCE** |
| 2 | BANK\_ID | INT | NN | **FK** | SET\_BANK-BANK\_ID |
| 3 | BRANCH\_NAME | NVARCHAR(100) | NN |  |  |
| 4 | BRANCH\_CODE | VARCHAR(100) | NN |  |  |
| 5 | ADDRESS | VARCHAR(500) | NN |  |  |
| 6 | PHONE\_NO | VARCHAR(50) |  |  |  |
| 7 | BRANCH\_EMAIL | VARCHAR(30) |  |  |  |
| 8 | ACTION\_DT | DATETIME | NN, D=SYSDATE |  |  |
| 6 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 7 | UPDATE\_DT | DATETIME |  |  |  |
| 8 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
| 9 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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| **08** | **SET\_DEPARTMENT** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | DEPARTMENT\_ID | INT | **PK** |  |  |
| 2 | DEPARTMENT\_NAME | NVARCHAR(100) | NN |  |  |
| 3 | DEPARTMENT\_CODE | NVARCHAR(100) | NN |  |  |
| 4 | REMARKS | NVARCHAR(120) |  |  |  |
| 5 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 6 | UPDATE\_DT | DATETIME |  |  |  |
| 7 | ACTION\_BY | BIGINT | NN | FK | USER\_INFO |
| 8 | UPDATE\_BY | BIGINT |  | **FK** | USER\_INFO |
| 9 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **09** | **SET\_SALARY\_GRADE** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | SALARY\_GRADE\_ID | SMALLINT | **PK** |  | **SEQUENCE** |
| 2 | GRADE\_NAME | NVARCHAR(25) | NN,UK |  |  |
| 3 | GRADE\_CODE | NVARCHAR(60) | NN,UK |  |  |
| 4 | STARTING\_BASIC | DECIMAL(10,2) | NN,D=0 |  | COMPUTER GENERATED |
| 5 | MAX\_AMOUNT | DECIMAL(10,2) | NN,D=0 |  |  |
| 6 | INCREMENT\_RATE | DECIMAL(10,2) | NN,D=0 |  |  |
| 7 | ACTION\_DT | DATETIME | NN | D=NOW |  |
| 8 | UPDATE\_DT | DATETIME |  |  |  |
| 9 | ACTOIN\_BY | BIGINT | NN | FK | USER\_INFO |
| 10 | UPDATE\_BY | BIGINT |  | FK | USER\_INFO |
| 11 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
| 12 | REMARKS | NVARCHAR(120) |  |  |  |
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| **10** | **SET\_DESIGNATION** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | DESIGNATION\_ID | INT | **PK** |  |  |
| 2 | DESIGNATION\_NAME | NVARCHAR(60) | NN |  |  |
| 3 | DESIGNATIN\_CODE | NVARCHAR(60) | NN |  |  |
| 4 | SL\_NO | SMALLINT | NN |  |  |
| 5 | IS\_OVERTIME | BOOL | NN,D=FALSE |  |  |
| 6 | SALARY\_GRADE\_ID | SMALLINT | FK |  | SET\_SALARY\_GRADE |
| 7 | ACTION\_DT | DATETIME | NN | D=NOW |  |
| 8 | UPDATE\_DT | DATETIME |  |  |  |
| 9 | ACTOIN\_BY | BIGINT | NN | FK | USER\_INFO |
| 10 | UPDATE\_BY | BIGINT |  | FK | USER\_INFO |
| 11 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
| 12 | REMARKS | NVARCHAR(120) |  |  |  |
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| **11** | **SET\_CENTER \*OFFICE BRANCH/CENTER** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | CENTER\_ID | SMALLINT | **PK** |  |  |
| 2 | CENTER\_NAME | NVARCHAR(60) | NN |  |  |
| 3 | CENTER\_CODE | NVARCHAR(60) | NN |  |  |
| 4 | ADDRESS | NVARCHAR(120) | NN |  |  |
| 5 | PHONE | VARCHAR(20) |  |  |  |
| 6 | EMAIL | VARCHAR(20) |  |  |  |
| 7 | WEBSITE | VARCHAR(30) |  |  |  |
| 8 | IS\_MAIN | BOOL | NN,D=FALSE |  |  |
| 9 | CP\_NAME | VARCHAR(60) |  |  | CONTACT PERSON |
| 10 | CP\_MOBILE | VARCHAR(20) |  |  | SET\_SALARY\_GRADE |
| 11 | CP\_EMAIL | VARCHAR(20) |  |  |  |
| 12 | REMARKS | NVARCHAR(120) |  |  |  |
| 13 | ACTION\_DT | DATETIME | NN | D=NOW |  |
| 14 | UPDATE\_DT | DATETIME |  |  |  |
| 15 | ACTOIN\_BY | BIGINT | NN | FK | USER\_INFO |
| 16 | UPDATE\_BY | BIGINT |  | FK | USER\_INFO |
| 17 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **12** | **SET\_DIVISION \*NO NEED ENTRY FORM** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | DIVISION\_ID | NUMBER(2) | **PK** |  | **SEQUENCE** |
| 2 | DIVISION\_NAME | VARCHAR(30) | NN, UK |  |  |
| 3 | DIVISION\_CODE | VARCHAR(15) | NN, UK |  |  |
| 4 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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| **13** | **SET\_DISTRICT \*NO NEED ENTRY FORM** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | DISTRICT\_ID | NUMBER(3) | **PK** |  | **SEQUENCE** |
| 2 | DISTRICT\_NAME | VARCHAR(30) | NN, UK (2,5) |  |  |
| 3 | DIVISION\_ID | NUMBER(2) | NN,FK | **SET\_DIVISION** |  |
| 4 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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| **14** | **SET\_POLICE\_STATION** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | PS\_ID | NUMBER(4) | **PK** |  | **SEQUENCE** |
| 2 | PS\_NAME | VARCHAR(30) | NN, UK (2,5) |  |  |
| 3 | DISTRICT\_ID | NUMBER(3) | NN,FK | **SET\_DISTRICT** |  |
| 4 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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| **04** | **SET\_POST\_OFFICE** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | POST\_OFFICE\_ID | INT | **PK** |  | **SEQUENCE** |
| 2 | PS\_ID | SMALLINT | NN | **FK** | SET\_POICE\_STATION |
| 3 | POST\_OFFICE\_NAME | NVARCHAR(50) | NN |  |  |
| 4 | POST\_CODE | SMALLINT |  |  |  |
| 5 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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| **15** | **SET\_EMPLOYEE** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | EMPLOYEE\_ID | BIGINT | PK |  |  |
| 2 | CENTER\_ID | SMALLINT | NN,FK |  | SET\_CENTER |
| 3 | EMPLOYEE\_CODE | VARCHAR(30) | NN |  |  |
| 4 | TITLE | NVARCHAR(15) | NN |  | MR. MRS. |
| 5 | EMPLOYEE\_NAME | NVARCHAR(60) | NN |  |  |
| 6 | DEPARTMENT\_ID | INT | NN,FK | SET\_DEPARTMENT |  |
| 7 | DESIGNATION\_ID | SMALLINT | NN,FK | SET\_DESIGNATION |  |
| 8 | PROVISION\_START\_DATE | DATETIME |  |  |  |
| 9 | PROVISION\_END\_DATE | DATETIME |  |  |  |
| 10 | DATE\_OF\_JOINING | DATETIME | NN |  |  |
| 11 | DATE\_OF\_CONFIRMATION | DATETIME |  |  | CONFIRMATION GO DATE |
| 12 | DATE\_OF\_RETIREMENT | DATETIME |  |  |  |
| 13 | DOB | DATETIME | NN |  |  |
| 14 | PLACE\_OF\_BIRTH | NVARCHAR(30) |  |  |  |
| 15 | SEX | CHAR | NN | D=’M’ | M=MALE,F=FEMALE |
| 16 | EMAIL | VARCHAR(35) |  |  |  |
| 17 | MOBILE |  |  |  |  |
| 18 | NATIONALITY | VARCHAR(20) | NN | D=BANGLADESHI |  |
| 19 | BLOOD\_GROUP | VARCHAR(15) |  |  |  |
| 20 | RELIGION | VARCHAR(30) | NN | D=ISLAM |  |
| 21 | NATIONAL\_ID\_NO | VARCHAR(35) |  |  |  |
| 22 | PASSPORT\_NO | VARCHAR(35) |  |  |  |
| 23 | DRIVING\_LICENSE\_NO | VARCHAR(35) |  |  |  |
| 24 | MARITAL\_STATUS | CHAR | NN | D=M | M=**M**ARRIED , S=**S**INGLE  P=SEPARATED, D=DIVORCED  W=WIDOW |
| 25 | DATE\_OF\_MARRIAGE | DATE |  |  |  |
| 26 | FATHER\_NAME | NVARCHAR(60) |  |  |  |
| 27 | FATHER\_OCCUPATION | VARCHAR(30) |  |  |  |
| 28 | MOTHER\_NAME | NVARCHAR(60) |  |  |  |
| 29 | MOTHER\_OCCUPATION | VARCHAR(30) |  |  |  |
| 30 | SPOUSE\_NAME | NVARCHAR(60) |  |  |  |
| 31 | SPOUSE\_OCCUPATION | VARCHAR(30) |  |  |  |
| 32 | PER\_VILLAGE | NVARCHAR(120) |  |  | VILLAGE/HOUSE NO/ROAD |
| 33 | PER\_PO\_ID | INT |  | FK | SET\_POST\_OFFICE |
| 34 | PER\_PHONE | NVARCHAR(20) |  |  |  |
| 35 | PER\_MOBILE | NVARCHAR(20) |  |  |  |
| 36 | PRE\_VILLAGE | NVARCHAR(120) |  |  |  |
| 37 | PRE\_PO\_ID | INT |  | FK | SET\_POST\_OFFICE |
| 38 | PRE\_PHONE | NVARCHAR(20) |  |  |  |
| 39 | PRE\_MOBILE | NVARCHAR(20) |  |  |  |
| 40 | JOB\_STATUS | CHAR | NN | D=F | F=FULL TIME, P=PART TIME |
| 41 | PROVISION\_LENGTH | SMALLINT | NN | D=0 | IN MONTH |
| 42 | OTHER\_EMAIL | VARCHAR(50) |  |  |  |
| 43 | OTHER\_MOBILE | NVARCHAR(20) |  |  |  |
| 44 | ENTRY\_POST | SMALLINT | NN | FK | SET\_DESIGNATION |
| 45 | ENTRY\_POST\_DATE | DATE |  |  | JOINING DATE |
| 46 | AL\_ISSUE\_DATE | DATE |  |  | AL=APPOINTMENT LETTER |
| 47 | APPOINTMENT\_LETTER | VARCHAR(120) |  |  | STORE LETTER PATH |
| 48 | RESIGNATION\_LETTER | VARCHAR(120) |  |  | STORE LETTER PATH |
| 49 | PHOTO | VARCHAR(120) |  |  | FILE PATH |
| 50 | SIGNATURE | VARCHAR(120) |  |  | FILE PATH |
| 51 | EMPLOYEE\_STATUS | CHAR | NN | D=’P’ | P=PERMANENT, C=CONTRACTUAL |
| 52 | PAYMENT\_METHOD | CHAR(1) |  |  | C=CASH,B=BANK,K-BKASH |
| 53 | BRANCH\_ID | INT | FK |  | SET\_BANK\_BRANCH |
| 54 | BACK\_ACCOUNT\_NO | VARCHAR(50) |  |  |  |
| 55 | IS\_ONLINE\_BANKING | BOOL | NN,D=FALSE |  |  |
| 56 | USER\_ID\_INSERT | INT |  |  |  |
| 57 | USER\_ID\_UPDATE | INT |  |  |  |
| 58 | DATE\_INSERT | DATETIME | NN | D=NOW |  |
| 59 | DATE\_UPDATE | DATETIME |  |  |  |
| 60 | IS\_DELETED | SMALLINT | NN | D=0 |  |
| 61 | NID\_FILE | VARCHAR(120) |  |  |  |
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| 06 | EMP\_EDUCATIONAL\_INFO | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | EDUCATION\_ID | BIGINT | PK |  | SEQUENCE |
| 2 | EMP\_ID | BIGINT | NN,FK |  | EMP\_INFO- EMP\_ID |
| 3 | DEGREE\_NAME | NVARCHAR(60) | NN |  |  |
| 4 | INSTITUTION\_NAME | NVARCHAR(100) | NN |  |  |
| 5 | BOARD\_UNIVERSITY | NVARCHAR(100) | NN |  |  |
| 6 | YEAR\_FROM | SMALLINT | NN |  |  |
| 7 | YEAR\_TO | SMALLINT | NN |  |  |
| 8 | PASSING\_YEAR | SMALLINT | NN |  |  |
| 9 | SUBJECT\_GROUP | NVARCHAR(35) |  |  |  |
| 10 | RESULT | NVARCHAR(30) |  |  |  |
| 11 | CERTIFICATE\_FILE | VARCHAR(120) |  |  | FILE PATH |
| 12 | SL\_NO | SMALLINT | NN |  |  |
| 13 | IS\_DELETED | SMALLINT | NN | D=0 |  |
| 14 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 15 | ACTION\_BY | NUMBER | FK | USER\_INFO |  |
| 16 | UPDATE\_DT | DATETIME |  |  |  |
| 17 | UPDATE\_BY | NUMBER | FK | USER\_INFO |  |
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| 17 | EMP\_EXPERIENCE\_INFO /\*ADDITIONAL PROFESSIONAL QUALIFICATION \*/ EMP\_EXPERIENCE | | | | |
| sl. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | EXPERIENCE\_ID | BIGINT | PK |  | SEQUENCE |
| 2 | EMP\_ID | BIGINT | NN | FK | EMP\_INFO- EMP\_ID |
| 3 | COMPANY\_NAME | NVARCHAR(100) | NN |  |  |
| 4 | DATE\_FROM | DATETIME | NN |  |  |
| 5 | DATE\_TO | DATETIME | NN |  |  |
| 6 | DESIGNATION | NVARCHAR(40) | NN |  |  |
| 7 | RESPONSIBILITY | NVARCHAR(600) |  |  |  |
| 8 | LAST\_DRAWN\_SALARY | SMALLINT | NN | D=0 |  |
| 9 | LEAVING\_REASON | NVARCHAR(350) |  |  |  |
| 10 | EXPERIENCE\_FILE | VARCHAR(120) |  |  | FILE PATH |
| 11 | SL\_NO | SMALLINT | NN | D=0 |  |
| 12 | IS\_DELETED | SMALLINT | NN | D=0 |  |
| 13 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 14 | ACTION\_BY | BIGINT | NN,FK | USER\_INFO |  |
| 15 | UPDATE\_DT | DATETIME |  |  |  |
| 16 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
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| 04 | EMP\_REFERENCE\_INFO | | | | |
| sl. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | REFERENCE\_ID | BIGINT | PK |  | SEQUENCE |
| 2 | EMP\_ID | BIGINT | NN | FK | EMP\_INFO-EMP\_ID |
| 3 | REF\_NAME | NVARCHAR(100) | NN |  |  |
| 4 | REF\_TYPE | CHAR | NN |  | R=REFERENCE, N=NOMINEE, E=EMERGENCY CONTACT |
| 5 | OCCUPATION | NVARCHAR(30) |  |  |  |
| 6 | DOB | DATE |  |  |  |
| 7 | MAILING\_ADDRESS | NVARCHAR(120) |  |  |  |
| 8 | MOBILE | NVARCHAR(20) | NN |  |  |
| 9 | HOME\_PHONE | NVARCHAR(20) |  |  |  |
| 10 | RELATION | NVARCHAR(50) | NN |  |  |
| 11 | REFER\_PHOTO | VARCHAR(120) |  |  | FILE PATH |
| 12 | OWNER\_SHIP | SMALLINT | NN | D=0 |  |
| 13 | SL\_NO | SMALLINT | NN |  |  |
| 14 | EMAIL | NVARCHAR(30) |  |  |  |
| 15 | IS\_DELETED | SMALLINT | NN | D=0 |  |
| 16 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 17 | ACTION\_BY | BIGINT | NN,FK | USER\_INFO |  |
| 18 | UPDATE\_DT | DATETIME |  |  |  |
| 19 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
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| 05 | EMP\_TRAINING | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | TRAINING\_ID | BIGINT | PK |  | BIGINT |
| 2 | EMP\_ID | BIGINT | NN | FK | EMP\_INFO-EMP\_ID |
| 3 | COURSE\_TITLE | NVARCHAR(100) | NN |  |  |
| 4 | INSTITUTION\_NAME | NVARCHAR(100) | NN |  |  |
| 5 | LOCATION | NVARCHAR(120) |  |  |  |
| 6 | DATE\_FROM | DATE | NN |  |  |
| 7 | DATE\_TO | DATE | NN |  |  |
| 8 | RESULT | NVARCHAR(30) |  |  | GRADE |
| 9 | TRAINING\_FILE | VARCHAR(120) |  |  | FILE PATH/IMG |
| 10 | TRAINING\_TYPE | CHAR | NN,D=L |  | L=LOCAL ,F=FOREIGN |
| 11 | COUNTRY\_ID | SMALLINT |  | FK | SET\_COUNTRY |
| 12 | SL\_NO | SMALLINT | NN |  | FOR EVERY NEW EMPLOYEE |
| 13 | IS\_DELETED | SMALLINT | NN | D=0 |  |
| 14 | REMARKS | NVARCHAR | 220 |  |  |
| 15 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 16 | ACTION\_BY | BIGINT | NN,FK | USER\_INFO |  |
| 17 | UPDATE\_DT | DATETIME |  |  |  |
| 18 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
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| 07 | EMP\_POSTING | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | POSTING\_ID | BIGINT | PK |  | SEQUENCE |
| 2 | EMP\_ID | BIGINT | NN,FK |  | EMP\_INFO-EMP\_ID |
| 3 | DEPARTMENT\_ID | INT | FK |  | SET\_DEPARTMENT |
| 4 | DESIGNATION\_ID | SMALLINT | FK |  | SET\_DESIGNATION |
| 5 | CENTER\_ID | SMALLINT | FK |  |  |
| 6 | DATE\_FROM | DATETIME |  |  |  |
| 7 | DATE\_TO | DATETIME |  |  |  |
| 8 | TYPE\_OF\_POSTING | CHAR(1) | NN,D=R |  | R=REGULAR  S=OSD  P=PROMOTION  I=INCREMENT  B=PROMOTION & INCREMENT  O=OTHERS |
| 9 | SALARY\_GRADE\_ID | SMALLINT | FK |  | HR\_SALARY\_SCALE\_GRADE |
| 10 | NET\_SALARY | NUMBER(12,2) | NN,D=0 |  |  |
| 11 | EMP\_STATUS | CHAR(1) |  |  |  |
| 12 | PRE\_DEPARTMENT\_ID | SMALLINT | FK |  | PREVIOUS |
| 13 | PRE\_DESIGNATION\_ID | INT | FK |  |  |
| 14 | PRE\_CENTER\_ID | SMALLINT | FK |  |  |
| 15 | PRE\_SALARY\_GRADE\_ID | SMALLINT | FK |  |  |
| 16 | PRE\_NET\_SALARY | DECIMAL(12,2) | NN,D=0 |  |  |
| 17 | PRE\_EMP\_STATUS | CHAR(1) |  |  |  |
| 18 | POSTING\_DOC | VARCHAR(120) |  |  |  |
| 19 | REMARKS | NVARCHAR(120) |  |  |  |
| 20 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 21 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 22 | UPDATE\_DT | DATETIME |  |  |  |
| 23 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
| 24 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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| 25 | DISIPLINARY\_ACTION | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | ACTION\_TYPE\_ID | SMALLINT | PK |  |  |
| 2 | TYPE\_NAME | VARCHAR2(60) | NN,UK |  |  |
| 3 | TYPE\_CODE | VARCHAR(60) |  |  |  |
| 4 | DISPLAY\_SL | SMALLINT | NN,D=1 |  |  |
| 5 | ACTION\_DT | DATE | NN,D=SYSDATE |  |  |
| 6 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 7 | UPDATE\_DT | DATETIME |  |  |  |
| 8 | UPDATE\_BY | BIGINT | FK | USER\_INFO |  |
| 9 | IS\_DELETED | SMALLINT (1) | NN | D=0 |  |
| 10 | ACTION\_COLOR | VARCHAR2(10) |  |  |  |
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| 09 | EMP\_DISIPLINARY | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | DISIPLINARY\_ID | BIGINT | PK |  |  |
| 2 | EMP\_ID | BIGINT | NN | FK | EMP\_INFO -EMP\_ID |
| 3 | ACTION\_TYPE\_ID | SMALLINT | NN,FK |  | DISIPLINARY\_ACTION |
| 4 | ACTION\_DATE | DATE | NN,D=SYSDATE |  |  |
| 5 | ACTION\_REASON | VARCHAR(400) |  |  |  |
| 6 | ACTION\_DESC | VARCHAR(400) |  |  | ACTUAL ACTION |
| 7 | REMARKS | VARCHAR2(120) |  |  |  |
| 8 | COMMITTEE | VARCHAR(200) |  |  | Committee member name |
| 9 | DISIPLINARY\_FILE | VARCHAR(120) |  |  |  |
| 10 | SL\_NO | NUMBER(10) |  |  |  |
| 11 | ACTION\_DT | DATE | NN,D=SYSDATE |  |  |
| 12 | ACTION\_BY | NUMBER |  |  | USER\_INFO-USER\_ID |
| 13 | UPDATE\_DT | DATE |  |  |  |
| 14 | UPDATE\_BY | NUMBER |  |  |  |
| 15 | IS\_DELETED | NUMBER(1) | NN | D=0 |  |
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| 12 | EMP\_TRANSPORTATION | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | TRANSPORT\_ID | BIGINT | PK |  | SEQUENCE |
| 2 | EMP\_ID | BIGINT | NN,FK |  | EMP\_INFO-EMP\_ID |
| 3 | IS\_GENERAL | BOOL | NN,D=TRUE |  | USE GENERAL TRANSPORT |
| 4 | CAR\_NO | VARCHAR(20) |  |  |  |
| 5 | CAR\_ISSUE\_DATE | DATE | NN,D=SYSDATE |  |  |
| 6 | CAR\_INFO | VARCHAR(150) |  |  |  |
| 7 | REMARKS | VARCHAR(200) |  |  |  |
| 8 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 9 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 10 | IS\_ACTIVE | BOOL | NN,D=TRUE |  | ONLY LAST ROW WILL TRUE FOR EACH EMPLOYEE |
| 11 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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| 12 | HR\_EVL\_KPI | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | KPI\_ID | SMALLINT | PK |  | SEQUENCE |
| 2 | DESIGNATION\_ID | INT | FK | SET\_DESIGNATION |  |
| 3 | KPI\_NAME | NVARCHAR(120) | NN,UK |  |  |
| 4 | DESCRIPTION | NVARCHAR(250) |  |  |  |
| 5 | POINT\_MIN | SMALLINT | NN,D=0 |  |  |
| 6 | POINT\_MAX | SMALLINT | NN,D=10 |  |  |
| 7 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 8 | MANDATORY | BOOL | NN,D=TRUE |  |  |
| 9 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 10 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 11 | UPDATE\_DT | DATETIME |  |  |  |
| 12 | UPDATE\_BY | BIGINT | FK |  | USER\_INFO |
| 13 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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**\*If designation id found then retrieve only match designation kpi, if not found then retrieve all null designation kpi.**

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| 12 | HR\_EVL\_KPI\_RSLT | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | RSLT\_ID | SMALLINT | PK |  | SEQUENCE |
| 2 | KPI\_ID | SMALLINT | NN,FK |  | HR\_EVL\_KPI |
| 3 | POINT\_MIN | SMALLINT | NN,D=0 |  |  |
| 4 | POINT\_END | SMALLINT | NN,D=10 |  |  |
| 5 | RESULT | NVARCHAR(25) | NN |  |  |
| 6 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 7 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 8 | UPDATE\_DT | DATETIME |  |  |  |
| 9 | UPDATE\_BY | BIGINT | FK |  | USER\_INFO |
| 10 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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| **01** | **HR\_EVL\_EMP\_EVALUATION** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | EVALUATION\_ID | BIGINT | **PK** |  | **SEQUENCE** |
| 2 | EMPLOYEE\_ID | BIGINT | NN,FK |  | SET\_EMPLOYEE |
| 3 | EVALUATOR\_ID | BIGINT | NN,FK |  | SET\_EMPLOYEE |
| 4 | EVL\_KPI\_ID | SMALLINT | NN,FK |  | HR\_EVL\_KPI |
| 5 | EVALUATION\_YEAR | SMALLINT | NN | D=CURRENT\_YEAR |  |
| 6 | EVALUATION\_DATE | DATE | NN | D=CURRENT\_DATE |  |
| 7 | MARKS | SMALLINT | NN | D=0 |  |
| 8 | REMARKS | NVARCHAR(250) |  |  |  |
| 9 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 10 | UPDATE\_DT | DATETIME |  |  |  |
| 11 | ACTION\_BY | BIGINT | NN,FK |  | USER\_INFO |
| 12 | UPDATE\_BY | BIGINT | FK |  | USER\_INFO |
| 13 | IS\_DELETED | SMALLINT |  |  |  |
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| 12 | SET\_HOLIDAY | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | HOLIDAY\_ID | INT | PK |  | SEQUENCE |
| 2 | HOLIDAY\_NAME | NVARCHAR(100) | NN |  |  |
| 3 | DATE\_FROM | DATE | NN |  |  |
| 4 | DATE\_TO | DATE | NN |  |  |
| 5 | HOLIDAY\_TYPE | CHAR(1) | NN,D=M |  | M=Mandatory, O=Optional |
| 6 | HOLIDAY\_YEAR | INT | NN,SYSYEAR |  |  |
| 7 | HOLIDAY\_PHOTO | VARACHAR(120) |  |  |  |
| 8 | HOLIDAY\_CARD | VARCAHR(120) |  |  |  |
| 9 | REMARKS | VARCHAR(200) |  |  |  |
| 10 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 11 | ACTION\_BY | BIGINT | FK | USER\_INFO |  |
| 12 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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| 12 | SET\_CALENDER\_MST | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | CALENDER\_ID | INT | PK |  | SEQUENCE |
| 2 | CALENDER\_YEAR | INT | NN |  |  |
| 3 | WK\_START\_DAY | VARCHAR(20) | NN |  |  |
| 4 | WK\_HOIDAY\_ONE | VARCHAR(20) | NN |  |  |
| 5 | WK\_HOLIDAY\_TWO | VARCHAR(20) |  |  |  |
| 6 | WK\_HOLIDAY\_ONE\_TYPE | CHAR(1) | NN,D=F |  | F=FULL DAY, H=HALF DAY |
| 7 | WK\_HOLIDAY\_TWO\_TYPE | CHAR(1) |  |  |  |
| 8 | OFC\_START\_TIME | VARCHAR(15) | NN |  |  |
| 9 | OFC\_END\_TIME | VARCHAR(15) | NN |  |  |
| 10 | ACTION\_DATE | DATETIME | NN,D=NOW |  |  |
| 11 | ACTION\_BY | BIGINT | NN,FK |  | USER\_INFO |
| 12 | UPDATE\_DATE | DATETIME |  |  |  |
| 13 | UPDATE\_BY | BIGINT | FK |  | USER\_INFO |
| 14 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| 12 | SET\_CALENDER\_DTL | | | | |
| SL. | NAME | TYPE & SIZE | CONSTRAINT | REFERENCE | REMARKS |
| 1 | DAY\_ID | BIGINT | PK |  | SEQUENCE |
| 2 | CALENDER\_ID | INT | NN,FK |  |  |
| 3 | CALENDER\_DATE | DATE | NN |  |  |
| 4 | OFC\_START\_TIME | VARCHAR(15) | NN |  |  |
| 5 | OFC\_END\_TIME | VARCAHR(15) | NN |  |  |
| 6 | DESCRIPTION | VARCAHR(120) |  |  |  |
| 7 | IS\_HOLIDAY | BIT | NN,D=FALSE |  |  |
| 8 | HOLIDAY\_ID | BIGINT | FK |  | SET\_HOLIDAY |
| 9 | DAY\_TYPE | CHAR(1) | NN |  | W=WOKING DAY , H=HOLIDAY , L=Weekly holiday ,F=HALF WORKING DAY |
| 10 | ACTION\_DATE | DATETIME | NN,D=NOW |  |  |
| 11 | ACTION\_BY | BIGINT | NN,FK |  | USER\_INFO |
| 12 | UPDATE\_DATE | DATETIME |  |  |  |
| 13 | UPDATE\_BY | BIGINT | FK |  | USER\_INFO |
| 14 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **10** | **HR\_DEPARTMENT\_REVIEWER** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **DEPT\_REVIEWER\_ID** | **BIGINT** | **PK** |  | **SEQUENCE** |
| **2** | **REVIEWER\_FOR** | **CHAR(1)** | **NN,D=L** |  | **L=LEAVE, E=EVALUATION** |
| **3** | **DEPT\_ID** | **BIGINT** | **NN,FK** |  | **SET\_DEPARTMENT** |
| **4** | **REVIEWER\_ID** | **BIGINT** | **FK** | **NN** | **SET\_EMPLOYEE** |
| **5** | **ALT\_REVIEWER\_ID** | **BIGINT** | **NN,FK** | **SET\_EMPLOYEE (IF MAIN APPROVER NOT AVAILABLE THEN ALTERNATIVE APPROVER WILL ACTIVATE) (NOT EMPLOYEE ID)** | |
| **6** | **SL\_NO** | **SMALLINT** | **NN,D=0** | **1=1ST APPROVER,**  **2=2ND APPROVER,**  **3 = 3RD APPROVER**  **99=FINAL APPROVER** | |
| **7** | **REMARKS** | **VARCHAR(120)** |  |  |  |
| **8** | **IS\_FINAL\_REVIEWER** | **BOOL** | **NN,D=FALSE** |  |  |
| **9** |  |  |  |  |  |
| **10** | **ACTION\_DT** | **DATETIME** | **NN,D=SYSDATE** |  |  |
| **11** | **ACTION\_BY** | **BIGINT** | **FK** | **USER\_INFO** |  |
| **12** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **13** | **UPDATE\_BY** | **BIGINT** | **FK** | **USER\_INFO** |  |
| **14** | **IS\_DELETED** | **SMALLINT** | **NN** | **D=0** |  |
| **15** | **CENTER\_ID** | **SMALLINT** | **NN,D=1** |  |  |
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| **11** | **HR\_EMPLOYEE\_REVIEWER** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **EMP\_REVIEWER\_ID** | **NUMBER** | **PK** |  | **SEQUENCE** |
| **2** | **REVIEWER\_FOR** | **CHAR(1)** | **NN,D=L** |  | **L=LEAVE, E=EVALUATION** |
| **3** | **EMP\_ID** | **BIGINT** | **NN,FK** |  | **EMP\_INFO** |
| **4** | **REVIEWER\_ID** | **BIGINT** | **NN,FK** |  | **SET\_EMPLOYEE** |
| **5** | **ALT\_REVIEWER\_ID** | **BIGINT** | **NN,FK** | **SET\_EMPLOYEE (IF MAIN APPROVER NOT AVAILABLE THEN ALTERNATIVE APPROVER WILL ACTIVATE) (NOT EMPLOYEE ID)** | |
| **6** | **SL\_NO** | **SMALLINT** | **NN,D=0** | **1=1ST REVIEWER,**  **2=2ND REVIEWER,**  **3 = 3RD REVIEWER**  **99=FINAL REVIEWER** | |
| **7** | **REMARKS** | **VARCHAR(120)** |  |  |  |
| **8** | **IS\_FINAL\_REVIEWER** | **CHAR** | **NN,D=N** |  |  |
| **9** | **ACTION\_DT** | **DATETIME** | **NN,D=SYSDATE** |  |  |
| **10** | **ACTION\_BY** | **BIGINT** | **FK** | **USER\_INFO** |  |
| **11** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **12** | **UPDATE\_BY** | **BIGINT** | **FK** | **USER\_INFO** |  |
| **13** | **IS\_DELETED** | **SMALLINT** | **NN** | **D=0** |  |
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**/\*LEAVE MODULE \*/**

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| **09** | **LV\_SET\_LEAVE\_TYPE** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **LEAVE\_TYPE\_ID** | **SMALLINT** | **PK** |  | **SEQUENCE** |
| **2** | **LEAVE\_TYPE\_NAME** | **NVARCHAR(40)** | **NN** |  |  |
| **3** | **LEAVE\_TYPE\_CODE** | **NVARCHAR(15)** | **NN** |  |  |
| **4** | **IS\_CHANGE\_START\_DATE** | **BOOL** | **NN,D=FALSE** |  | **USER CAN CHANGE LEAVE START DATE AFTER APPROVE (MATERNITY LEAVE)** |
| **5** | **REMARKS** | **NVARCHAR(100)** |  |  |  |
| **6** | **LEAVE\_CATEGORY** | **CHAR** | **NN,D=E** |  | **E=EARN LEAVE, C=CASUAL LEAVE** |
| **7** | **ACTION\_DT** | **DATETIME** | **NN** | **D=GETDATE** |  |
| **8** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **9** | **ACTION\_BY** | **INT** | **NN** | **FK** | **USER\_INFO-USER\_ID** |
| **10** | **UPDATE\_BY** | **INT** |  | **FK** | **USER\_INFO-USER\_ID** |
| **11** | **IS\_DELETED** | **SMALLINT** | **NN** | **D=0** |  |
| **12** | **IS\_ACTIVE** | **SMALLINT** | **NN,D=0** |  |  |
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| **10** | **LV\_SET\_LEAVE\_ASSIGN** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **LEAVE\_ASSIGN\_ID** | **INTEGER** | **PK** |  | **SEQUENCE** |
| **2** | **LEAVE\_TYPE\_ID** | **SMALLINT** | **NN** | **FK** |  |
| **3** | **LEAVE\_LIMIT\_TYPE** | **CHAR** | **NN,D=Y** |  | **Y=YEAR,L=JOB LIFE, M=MONTH** |
| **4** | **LEAVE\_LIMIT\_VALUE** | **SMALLINT** | **NN,D=1** |  | **IF LIFE THEN 1** |
| **5** | **LEAVE\_BUDGET** | **INT** | **NN,D=0** |  | **IF 0 THEN UNLIMITED** |
| **6** | **MAX\_AT\_TIME\_LEAVE** | **SMALLINT** | **NN,D=0** |  |  |
| **7** | **MIN\_AT\_TIME\_LEAVE** | **SMALLINT** | **NN,D=0** |  |  |
| **8** | **IS\_CARRY\_FORWARD** | **CHAR** | **NN** | **D=N** |  |
| **9** | **MAX\_CARRY\_FORWARD** | **SMALLINT** | **NN** | **D=0** |  |
| **10** | **LEAVE\_AFTER** | **SMALLINT** | **NN,D=0** | **In days** | **IF 0 THEN FROM JOINING DATE** |
| **11** | **ACTIVE\_DATE** | **DATETIME** | **NN,D=NOW** |  |  |
| **12** | **IS\_ACTIVE** | **BIT** | **NN,D=TRUE** |  | **DEDUCTIBLE** |
| **13** | **REMARKS** | **NVARCHAR(100)** |  |  |  |
| **14** | **ACTION\_DT** | **DATETIME** | **NN** | **D=GETDATE** |  |
| **15** | **ACTION\_BY** | **INT** | **NN** | **FK** | **USER\_INFO-USER\_ID** |
| **16** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **17** | **UPDATE\_BY** | **INT** |  | **FK** | **USER\_INFO-USER\_ID** |
| **18** | **IS\_DELETED** | **NUMBER(1)** | **NN** | **D=0** |  |
| **19** | **GENGER** | **CHAR(1)** |  |  | **M=MALE, F=FEMALE,NULL = BOTH** |
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| **09** | **LV\_LEAVE\_CF** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **LV\_CF\_ID** | **BIGINT** | **PK** |  | **SEQUENCE** |
| **2** | **EMP\_ID** | **BIGINT** | **NN,FK** |  | **EMP\_INFO** |
| **3** | **LEAVE\_TYPE\_ID** | **SMALLINT** | **NN,FK** |  | **LV\_SET\_LEAVE\_TYPE** |
| **4** | **LEAVE\_YEAR** | **SMALLINT** | **NN,D=CURRENT** | **YEAR** |  |
| **5** | **CF\_LEAVE** | **SMALLINT** | **NN,D=0** |  |  |
| **6** | **LEAVE\_LIMIT** | **SMALLINT** | **NN,D=0** |  | **CURRENT LEAVE BALANCE** |
| **7** | **LEAVE\_SALE** | **SMALLINT** | **NN,D=0** |  |  |
| **8** | **REMARKS** | **VARCHAR2(120)** |  |  |  |
| **9** | **LAST\_ACTION\_DATE** | **DATE** | **NN,D=SYSDATE** |  |  |
| **10** | **ACTION\_DT** | **DATETIME** | **NN** | **D=GETDATE** |  |
| **11** | **ACTION\_BY** | **BIGINT** | **NN** | **FK** | **USER\_INFO-USER\_ID** |
| **12** | **IS\_DELETED** | **SMALLINT** | **NN** | **D=0** |  |
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| **01** | **LV\_LEAVE\_APPLICATION** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **LV\_APPLICATION\_ID** | **BGINT** | **PK** |  | **SEQUENCE** |
| **2** | **APPLICATION\_NO** | **VARCHAR(60)** | **NN** |  |  |
| **3** | **APPLICATION\_CODE** | **VARCHAR(40)** | **NN** |  |  |
| **4** | **LEAVE\_TYPE\_ID** | **SMALLINT** | **NN** | **FK** | **SET\_LEAVE\_TYPE-LEAVE\_TYPE\_ID** |
| **5** | **EMP\_ID** | **BIGINT** | **NN** | **FK** | **EMP\_INFO-EMPLOYEE\_ID** |
| **6** | **APPLICATION\_DATE** | **DATETIME** | **NN** |  |  |
| **7** | **DATE\_FROM** | **DATETIME** | **NN** |  |  |
| **8** | **DATE\_TO** | **DATETIME** | **NN** |  |  |
| **9** | **LEAVE\_LENGTH** | **SMALLINT** |  |  |  |
| **10** | **APPR\_DATE\_FROM** | **DATETIME** |  |  |  |
| **11** | **APPR\_DATE\_TO** | **DATETIME** |  |  |  |
| **12** | **APPR\_LEAVE\_LENGTH** | **SMALLINT** |  |  |  |
| **13** | **ACTUAL\_DATE\_FROM** | **DATETIME** | **NN** |  |  |
| **14** | **ACTUAL\_DATE\_TO** | **DATETIME** | **NN** |  |  |
| **15** | **ACTUAL\_LEAVE\_LENGTH** | **SMALLINT** |  |  |  |
| **16** | **ACTUAL\_RETURN\_DATE** | **DATETIME** |  |  |  |
| **17** | **ACTUAL\_RETURN\_COMMENTS** | **NVARCHAR(250)** |  |  |  |
| **18** | **LV\_CONTACT\_ADDRESS** | **NVARCHAR(120)** |  |  |  |
| **19** | **LV\_CONTACT\_PHONE** | **NVARCHAR(25)** |  |  |  |
| **20** |  |  |  |  |  |
| **21** | **APPLICATION\_BODY** | **NVARCHAR(500)** | **NN** |  | **LEAVE MESSAGE FROM TEMPLATE/CUSTOMIZE** |
| **22** | **TOTAL\_APPROVE\_LEVEL** | **SMALLINT** | **NN** | **D=0** |  |
| **23** | **IS\_OVERRIDE** | **CHAR(1)** | **NN** | **D=N** |  |
| **24** | **OVERRIDE\_REASON** | **NVARCHAR(500)** |  |  | **L=LACK OF LEAVE BALANCE**  **H=FOR HIRE DATE VALIDATION**  **C=FOR CONFIRMATION DATE VALIDATTION** |
| **25** | **LEAVE\_SALARY\_TYPE** | **CHAR(1)** | **NN,D=F** |  | **F=FULL SALARY,H=HALF SALAY,W=WITHOUT SALARY** |
| **26** | **CANCEL\_DATE** | **DATETIME** |  |  |  |
| **27** | **CANCEL\_REASON** | **NVARCHAR(120)** |  |  |  |
| **28** | **STATUS** | **SMALLINT** | **NN,D=0** |  | **0 = SUBMISSION**  **1 = FIRST REVIEW**  **2 = SECOND REVIEW**  **3 = THIRD REVIEW**  **….**  **99 = FINAL APPROVE**  **98 = REJECT**  **97 = SELF CANCEL** |
| **29** | **LEAVE\_YEAR** | **SMALLINT** | **NN** | **D=CURRENT\_YEAR** |  |
| **30** | **ATCH\_ONE\_TITLE** | **NVARCHAR(100)** |  |  |  |
| **31** | **ATCH\_ONE\_FILE** | **NVARCHAR(120)** |  |  |  |
| **32** | **ATCH\_TWO\_TITLE** | **NVARCHAR(100)** |  |  |  |
| **33** | **ATCH\_TWO\_FLE** | **NVARCHAR(120)** |  |  |  |
| **34** | **SUBMITED\_BY** | **BIGINT** | **NN,FK** |  | **USER\_INFO-USER\_ID, BY Default Applicant ID if any one submit leave application instead of others** |
| **35** | **RESPONSIBLE\_EMP\_ID** | **BIGINT** | **FK** | **RESPONSIBILITY** | **EMPLOYEE\_ID** |
| **36** | **ACTION\_DT** | **DATETIME** | **NN** | **D=GETDATE** |  |
| **37** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **38** | **ACTION\_BY** | **BIGINT** | **NN** | **FK** | **USER\_INFO-USER\_ID** |
| **39** | **UPDATE\_BY** | **BIGINT** |  | **FK** | **USER\_INFO-USER\_ID** |
| **40** | **IS\_DELETED** | **SMALLINT** | **NN** | **D=0** |  |
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| **01** | **LV\_LEAVE\_APP\_BALANCE** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **LEAVE\_BALANCE\_ID** | **BIGINT** | **PK** |  | **SEQUENCE** |
| **2** | **LV\_APPLICATION\_ID** | **BIGINT** | **NN,FK** |  | **LV\_LEAVE\_APPLICATION** |
| **3** | **LEAVE\_TYPE\_ID** | **BIGINT** | **NN,FK** |  |  |
| **4** | **LEAVE\_BALANCE** | **INT** | **NN,D=0** |  |  |
| **5** | **LEAVE\_TAKEN** | **INT** | **NN,D=0** |  |  |
| **6** | **LEAVE\_REMAINING** | **INT** | **NN,D=0** |  |  |
| **7** | **IS\_DELETED** | **SMALLINT** | **NN** | **D=0** |  |
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| **01** | **LV\_APP\_REVIEWER** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | LV\_REVIEWER\_ID | BIGNIT | PK |  | **SEQUENCE** |
| 2 | LV\_APPLICATION\_ID | BIGINT | NN |  |  |
| 3 | REVIEWER\_ID | BIGINT | NN | FK | USER\_INFO-USER\_ID |
| 4 | REVIEWER\_TYPE | CHAR(1) | NN | D=M | M=MAIN, A=ALTERNATIVE |
| 5 | ALT\_REVIEWER\_ID | BIGINT | FK |  | USER\_INFO |
| 6 | SL\_NO | SMALLINT | NN |  | APPROVER SERIAL NO |
| 7 | IS\_MAIL\_SEND | BIT | NN,D=FALSE |  |  |
| 8 | MAIL\_SEND\_TIME | DATETIME |  |  |  |
| 9 | TOTAL\_MAIL\_SEND | SMALLINT | NN | D=0 |  |
| 10 | IS\_SMS\_SEND | BIT | NN | D=FALSE |  |
| 11 | SMS\_SEND\_TIME | DATETIME |  |  |  |
| 12 | APPLICATION\_STATUS | SMALLINT | NN | D=0 | 0=NOT RESPONSE  1=REVIEW  2=APPROVE  3=REJECT |
| 13 | REMARKS | NVARCHAR(250) |  |  |  |
| 14 | RECEIVE\_TIME | DATETIME | NN,D=SYSDATE |  |  |
| 15 | RESPONSE\_TIME | DATETIME |  |  | APPROVE OR CANCEL TIME |
| 16 | IS\_FINAL\_REVIEWER | BIT | NN,D=FASLE |  |  |
| 17 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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| **13** | **LV\_TRANSFER\_HST** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | LV\_TRANSFER\_ID | BIGINT | PK |  | **SEQUENCE** |
| 2 | LV\_REVIEWER\_ID | BIGINT | NN |  |  |
| 3 | REVIEWER\_ID | BIGINT | NN | FK | USER\_INFO-USER\_ID |
| 4 | OLD\_REVIEWER\_ID | BIGINT | NN | FK | USER\_INFO-USER-ID |
| 5 | TRANSFER\_BY | BIGINT | NN | FK | USER\_INFO-USER\_ID |
| 6 | TRANSFER\_DATE | DATE | NN,D=SYSDATE |  |  |
| 7 | REMARKS | VARCHAR(350) |  |  |  |
| 8 | ACTION\_BY | BIGINT |  |  |  |
| 9 | ACTION\_DATE | DATE | NN,D=SYSDATE |  |  |
| 10 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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**/\*Notification Module\*/**

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| **13** | **NTF\_EVENT\_INFO** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | EVENT\_ID | SMALLINT | PK |  | **SEQUENCE** |
| 2 | EVENT\_NAME | NVARCHAR(100) | NN,UK |  |  |
| 3 | EVENT\_CODE | NVARCHAR (100) | NN,UK |  |  |
| 4 | EVENT\_TYPE | CHAR(1) | NN,D=P |  | P=PUBLIC, E=EMPLOYEE, A=ADMIN |
| 5 | NOTIFY\_BEFORE | SMALLINT | NN,D=0 |  | IF 0 THEN REALTIME NTF |
| 6 | IS\_EMAIL\_NTF | BOOL | NN,D=TRUE |  | Y=YES, N=NO |
| 7 | IS\_SMS\_NTF | BOOL | NN,D=FALSE |  | Y=YES, N=NO |
| 8 | REMARKS | NVARCHAR(350) |  |  |  |
| 9 | ACTION\_BY | BIGINT |  |  |  |
| 10 | ACTION\_DT | DATE | NN,D=SYSDATE |  |  |
| 11 | UPDATE\_BY | BIGINT | FK |  | USER\_INFO = USER\_ID |
| 12 | UPDATE\_DT | DATE |  |  |  |
| 13 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **NTF\_USER\_SETTINGS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | NTF\_SETTING\_ID | BIGINT | PK |  | **SEQUENCE** |
| 2 | EVENT\_ID | SMALLINT | NN,FK |  | NTF\_EVENT\_INFO |
| 3 | USER\_ID | BIGINT | NN,FK |  | USER\_INFO=USER\_ID |
| 4 | SETTING\_DATE | DATE | NN,D=SYSDATE |  |  |
| 5 | IS\_ENABLE | BOOL | NN,D=TRUE |  | Y=YES, N=NO |
| 6 | IS\_EMAIL | BOOL | NN,D=TRUE |  |  |
| 7 | IS\_SMS | BOOL | NN,D=FALSE |  |  |
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| **13** | **NTF\_NOTIFICATION\_MSG** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | NTF\_MSG\_ID | BIGINT | PK |  | **SEQUENCE** |
| 2 | EVENT\_ID | SMALLINT | NN,FK |  | NTF\_EVENT\_INFO |
| 3 | NTF\_MSG | NVARCHAR(400) | NN |  |  |
| 4 | USER\_ID | BIGINT | NN,FK |  | USER\_INFO-USER\_ID |
| 5 | NTF\_TIME | DATE | NN,D=SYSDATE |  |  |
| 6 | IS\_SEEN | BOOL | NN,D=FASLE |  | N=NO, Y=YES |
| 7 | SEEN\_TIME | DATE |  |  |  |
| 8 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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**/\*Payroll Module\*/**

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| **05** | **PR\_SALARY\_ITEM** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | SALARY\_ITEM\_ID | SMALLINT | PK |  |  |
| 2 | ITEM\_NAME | VARCHAR(50) | NN,UK |  |  |
| 3 | ITEM\_CODE | VARCHAR(50) | NN,UK |  |  |
| 4 | ITEM\_TYPE | CHAR | NN,D=A |  | A=ADDITION, D-DEDUCTION |
| 5 | **IS\_SPECIAL** | **BOOL** | **NN,D=FALSE** |  |  |
| 6 | IN\_PERCENT | BOOL | NN,D=FALSE |  |  |
| 7 | ITEM\_VALUE | DECIMAL | NN,D=0 |  |  |
| 8 | IS\_APPLICABLE | BOOL | NN,D=TRUE |  | IS WE USE OR NOT |
| 9 | IS\_PERSONAL | BOOL | NN,D=FALSE |  | MOHARGO BATA, PROVIDENT FUND, EDUCATION |
| 10 | **IS\_SPOUSE\_CONDITION** | **BOOL** | **NN,D=FASLE** |  | **IS\_SPOUSE\_CONDITION(EDUCATION)** |
| 11 | MAX\_LIMIT\_AMOUNT | DECIMAL | NN,D=0 |  | 0=NO LIMIT |
| 12 | MIN\_LIMIT\_AMOUNT | DECIMAL | NN,D=0 |  | 0=NOT LIMIT |
| 13 | **GRADE\_START** | **SMALLINT** | **FK** |  | **SET\_SLAARY\_GRADE** |
| 14 | **GRADE\_END** | **SMALLINT** | **FK** |  | **SET\_SALARY\_GRADE**  **SOME ITEMS ARE GRADE SPECIFIC**  **IF NOT THEN 0 TO 20** |
| 15 | **AREA\_TYPE** | **CHAR** | **NN,D=A** |  | **A=ALL AREA , H=HILL AREA, S=SPECIAL AREA** |
| 16 | IS\_ABSENT\_EFFECT | BOOL | NN,D=FALSE |  | TRANSPORTATION |
| 17 | SL\_NO | SMALLINT | NN,D=1 |  | SL\_NO WILL USE TO ORDER ITEM |
| 18 | DATE\_EFFECTIVE | DATE | NN |  |  |
| 19 | ACTION\_DT | DATETIME | NN |  |  |
| 20 | UPDATE\_DT | DATETIME |  |  |  |
| 24 | ACTION\_BY | SMALLINT | NN | FK | USER\_INFO |
| 25 | UPDATE\_BY | SMALLINT |  | FK | USER\_INFO |
| 26 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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| **06** | **PR\_SALARY\_ITEM\_EMP EMPLOYEE WISE SALARY ITEM** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | ITEM\_DETAIL\_ID | BIGINT | PK |  |  |
| 2 | EMPLOYEE\_ID | INT | NN,FK |  | SET\_EMPLOYEE |
| 3 | SALARY\_ITEM\_ID | SMALLINT | NN,FK |  | PR\_SALARY\_ITEM\_MASTER |
| 4 | IS\_INHERITED | BOOL | NN,D=TRUE |  | IF TRUE THEN AMOUNT CALCULATE FROM MASTER TABLE : IT WILL HELPFUL IF CHANGE IN MASTER THEN APPLICABLE ON ALL DETAIL DATA |
| 5 | IS\_PERCENT | BOOL | NN,D=FALSE |  |  |
| 6 | ITEM\_VALUE | DECIMAL | NN,D=0 |  |  |
| 7 | MAX\_LIMIT\_AMOUNT | DECIMAL | NN,D=0 |  | 0=NO LIMIT |
| 8 | MIN\_LIMIT\_AMOUNT | DECIMAL | NN,D=0 |  | 0=NO LIMIT |
| 9 | START\_DATE | DATE | NN,D=NOW |  |  |
| 10 | IS\_ACTIVE | BOOL | NN,D=TRUE |  |  |
| 11 | ACTION\_DT | DATETIME | NN |  |  |
| 12 | UPDATE\_DT | DATETIME |  |  |  |
| 13 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 14 | UPDATE\_BY | INT |  | FK | USER\_INFO |
| 15 | IS\_DELETED | SMALLINT | NN | D=0 |  |
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| **07** | **PR\_SET\_BONUS** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | BONUS\_ID | INT | **PK** |  |  |
| 2 | FESTIBAL\_TITLE | NVARCHAR(60) | NN |  |  |
| 3 | FESTIBAL\_DATE | DATE |  |  | IF FIXED DATE IN EVERY YEAR |
| 4 | IS\_PERCENT | BOOL | NN,D=TRUE |  |  |
| 5 | BONUS\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 6 | RELIGION | CHAR | NN,D=FALSE |  |  |
| 7 | DISBURSE\_MONTH | SMALLINT |  |  | MONTH NUMBER (IF FIXED IN EVERY YEAR) |
| 8 | **IS\_INDIVIDUAL** | **BOOL** | **NN,D=FASLE** |  | IF BONUS PERSON SPECIFIC : SRANTI O BINUDHON KHALIN BONUS |
| 9 | REMARKS | NVARCHAR(120) |  |  |  |
| 10 | IS\_DELETED | SMALLINT |  |  |  |
| 11 | ACTION\_DT | DATETIME | NN | D=NOW |  |
| 12 | UPDATE\_DT | DATETIME |  |  |  |
| 13 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 14 | UPDATE\_BY | INT |  | FK | USER\_INFO |
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| **08** | **PR\_SET\_BONUS\_DETAIL** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | BONUS\_DETAIL\_ID | INT | **PK** |  |  |
| 2 | BONUS\_ID | SMALLINT | NN,FK |  | PR\_SET\_BONUS |
| 3 | DISBURSE\_YEAR | INT | NN,D=CUR YEAR |  |  |
| 4 | DISBURSE\_MONTH | SMALLINT | NN,D=CUR MONTH |  |  |
| 5 | FESTIBAL\_DATE | DATE |  |  | INHERITED FROM MASTER TABLE IF NOT CHANGE |
| 6 | IS\_PERCENT | BOOL | NN,D=TRUE |  |
| 7 | BONUS\_AMOUNT | DECIMAL | NN,D=0 |  |
| 8 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 9 | REMARKS | NVARCHAR(120) |  |  |  |
| 10 | IS\_DELETED | SMALLINT |  |  |  |
| 11 | ACTION\_DT | DATETIME | NN | D=NOW |  |
| 12 | UPDATE\_DT | DATETIME |  |  |  |
| 13 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 14 | UPDATE\_BY | INT |  | FK | USER\_INFO |
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| **09** | **PR\_SET\_SPECIAL\_AREA** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **SPECIAL\_AREA\_ID** | **SMALLINT** | **PK** |  |  |
| **2** | **AREA\_NAME** | **NVARCHAR(60)** | **NN** |  |  |
| **3** | **AREA\_TYPE** | **NVARCHAR** |  |  | **POURASHABA+ THANA+ DISTRICT+ CITY AREA ETC** |
| **4** | **REMARKS** | **NVARCHAR(120)** |  |  |  |
| **5** | **IS\_DELETED** | **SMALLINT** |  |  |  |
| **6** | **ACTION\_DT** | **DATETIME** | **NN** | **D=NOW** |  |
| **7** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **8** | **ACTION\_BY** | **INT** | **NN** | **FK** | **USER\_INFO** |
| **9** | **UPDATE\_BY** | **INT** |  | **FK** | **USER\_INFO** |
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| **10** | **PR\_SET\_HOUSE\_RENT** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **RENT\_ID** | **SMALLINT** | **PK** |  | **SEQUENCE** |
| **2** | **SALARY\_START** | **DECIMAL** | **NN,D=0** |  | **BASIC SALARY START** |
| **3** | **SALARY\_END** | **DECIMAL** | **NN,D=0** |  | **BASIC SALARY END** |
| **4** | **SPECIAL\_AREA\_ID** | **SMALLINT** | **FK** |  | **PR\_SET\_SPECIAL\_AREA** |
| **5** | **RATE** | **DECIMAL** | **NN,D=0** |  | **IN PERCENT** |
| **6** | **MIN\_AMOUNT** | **DECIMAL** | **NN,D=0** |  | **0=NO MINIMUM AMOUNT** |
| **7** | **IS\_DELETED** | **SMALLINT** |  |  |  |
| **8** | **ACTION\_DT** | **DATETIME** | **NN** | **D=NOW** |  |
| **9** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **10** | **ACTION\_BY** | **INT** | **NN** | **FK** | **USER\_INFO** |
| **11** | **UPDATE\_BY** | **INT** |  | **FK** | **USER\_INFO** |
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| **11** | **PR\_SET\_CON\_ALLOWANCE CONVEYANCE ALLOWANCE** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **ALLOWANCE\_ID** | **SMALLINT** | **PK** |  | **SEQUENCE** |
| **2** | **GRADE\_START\_ID** | **SMALLINT** | **NN,FK** |  | **SET\_SALARY\_GRADE** |
| **3** | **GRADE\_END\_ID** | **SMALLINT** | **NN,FK** |  | **SET\_SALARY\_GRADE** |
| **4** | **SPECIAL\_AREA\_ID** | **SMALLINT** | **FK** |  | **PR\_SET\_SPECIAL\_AREA** |
| **5** | **IN\_PERCENT** | **BOOL** | **NN,D=FALSE** |  |  |
| **6** | **RATE** | **DECIMAL** | **NN,D=0** |  | **IN PERCENT** |
| **7** | **MIN\_AMOUNT** | **DECIMAL** | **NN,D=0** |  | **0=NO MINIMUM AMOUNT** |
| **8** | **IS\_DELETED** | **SMALLINT** |  |  |  |
| **9** | **ACTION\_DT** | **DATETIME** | **NN** | **D=NOW** |  |
| **10** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **11** | **ACTION\_BY** | **INT** | **NN** | **FK** | **USER\_INFO** |
| **12** | **UPDATE\_BY** | **INT** |  | **FK** | **USER\_INFO** |
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| **14** | **PR\_BASE\_SETTING** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| **1** | **SETTING\_ID** | **SMALLINT** | **PK** |  | **SEQUENCE** |
| **2** | **EMP\_RETIREMENT\_AGE** | **SMALLINT** | **NN,D=57** |  |  |
| **3** | **EMP\_RETIREMENT\_AGE\_FD** | **SMALLINT** | **NN,D=59** |  | **FREEDOM FIGHTER** |
| **4** | **MIN\_JOB\_LENGTH\_INCREMENT** | **SMALLINT** | **NN,D=6** | **IN MONTH** | **MINIMUM JOB LENGTH FOR INCREMENT** |
| **5** | **MIN\_PF\_RATE** | **DECIMAL** | **NN,D=0** |  |  |
| **6** | **MAX\_PF\_RATE** | **DECIMAL** | **NN,D=0** |  |  |
| **7** | **PF\_START\_AGE** | **SMALLINT** | **NN,D=2** |  | **AFTER 2 YEAR OF JOB LIFE** |
| **8** | **PF\_END\_AGE** | **SMALLINT** | **NN,D=52** |  | **AFTER 52 YEAR OF AGE** |
| **9** | **MAX\_LV\_CASHMENT** | **SMALLINT** | **NN,D=0** |  | **30 MONTHE MAX LIMIT**  **LEAVE-N-CASHMENT** |
| **10** | **MONTHLY\_LV\_CASHMENT** | **SMALLINT** | **NN,D=0** |  | **FIRST 12 MONTH MONTLEY** |
| **11** | **SINGLE\_LV\_CASHMENT** | **SMALLINT** | **NN,D=18** | **AT A TIME** |  |
| **12** | **FIRST\_LV\_CASHMENT** | **CHAR** | **NN,D=M** |  | **M=MONTHLY, A=AT A TIME** |
| **13** | **MAX\_TIME\_LOAN\_FROM\_PF** | **SMALLINT** | **NN,D=0** |  | **MAXIMUM 4 TIME LOAN FROM PF** |
| **14** | **MAX\_LOAN\_FORM\_PF** | **DOUBLE** | **NN,D=80** |  | **80% FROM PROVIDENT FUND** |
| **15** | **UPDATE\_DT** | **DATETIME** |  |  |  |
| **16** | **UPDATE\_BY** | **INT** |  | **FK** | **USER\_INFO** |
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| **15** | **PR\_TRANS \_MST** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | PAYROLL\_ID | BIGINT | **PK** |  |  |
| 2 | PAYROLL\_NO | NVARCHAR(60) | **NN,UK** |  |  |
| 3 | GENERATE\_DATE | DATETIME | NN,D=NOW |  |  |
| 4 | GENERATE\_BY | INT | NN,FK |  | **SET\_EMPLOYEE** |
| 5 | PAY\_MONTH | DATE |  |  |  |
| 6 | TOTAL\_WORKING\_DAYS | SMALLINT | NN,D=30 |  |  |
| 7 | REMARKS | NVARCHAR(120) |  |  |  |
| 8 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 9 | UPDATE\_DT | DATETIME |  |  |  |
| 10 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 11 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 12 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
| 13 | **STATUS** | **SMALLINT** | **NN,D=0** |  | **0=FRESH, 1 = REVIESED,**  **2= APPROVED, 3 = REJECTED** |
| 14 | **STAGE\_ID** | **SMALLINT** |  |  |  |
| 15 | **APP\_STAGE\_ID** | **SMALLINT** |  |  |  |
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| **17** | **PR\_TRANS\_EMP** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | PAYROLL\_EMP\_ID | BIGINT | **PK** |  |  |
| 2 | PAYROLL\_ID | BIGINT | NN,FK |  | PR\_TRANS\_PARYOLL\_MASTER |
| 3 | EMPLOYEE\_ID | INT | NN,FK |  | **SET\_EMPLOYEE** |
| 4 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 5 | LHP\_DAYS | DECIMAL | NN,D=0 |  | LEAVE HALF PAY |
| 6 | LWP\_DAYS | DECIMAL | NN,D=0 |  | LEAVE WITHOUT PAY |
| 7 | TOTAL\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 8 | TOTAL\_ADDITION | DECIMAL | NN,D=0 |  |  |
| 9 | TOTAL\_DEDUCTION | DECIMAL | NN,D=0 |  |  |
| 10 | NET\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 11 | PAID\_STATUS | SMALLINT | NN,D=0 |  | 0=NOT PAID,1=PARTIAL PAID,  2=FULL PAID |
| 12 | PAID\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 13 | IS\_HELDUP | BOOL | NN,D=FALSE |  |  |
| 14 | HELDUP\_REASON | NVARCHAR(500) |  |  |  |
| 15 | REMARKS | NVARCHAR(250) |  |  |  |
| 13 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 15 | UPDATE\_DT | DATETIME |  |  |  |
| 16 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 17 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 18 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **18** | **PR\_TRANS\_DTL** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | PAYROLL\_DETAIL\_ID | BIGINT | **PK** |  |  |
| 2 | PAYROLL\_EMP\_ID | BIGINT | NN,FK |  | PR\_TRANS\_PARYOLL\_EMP |
| 3 | SALARY\_ITEM\_ID | SMALLINT | NN,FK |  | **PR\_SET\_SALARY\_ITEM** |
| 4 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 5 | IS\_PERCENT | BOOL | NN,D=FALSE |  | FROM PR\_SALARY\_ITEM TABLE |
| 6 | SALARY\_ITEM\_VALUE | DECIMAL | NN,D=0 |  | FROM PR\_SALARY\_ITEM TABLE |
| 7 | ACTUAL\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 8 | LOAN\_INSTALLMENT\_ID | BIGINT | FK |  | PR\_LOAN\_DETAIL |
| 9 | PENALTY\_AMOUNT | DECIMAL | NN,D=0 |  | FOR LOAN, IF PAID LATER THEN EXTRA AMOUNT WOULD PAY |
| 10 | LHP\_AMOUNT | DECIMAL | NN,D=0 |  | LHP =LEAVE HALF PAY |
| 11 | LWP\_AMOUNT | DECIMAL | NN,D=0 |  | LWP = LEAVE WITHOUT PAY |
| 12 | NET\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 13 | REMARKS | NVARCHAR(120) |  |  |  |
| 14 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 15 | UPDATE\_DT | DATETIME |  |  |  |
| 16 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 17 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 18 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **19** | **PR\_TRANS\_PAYMENT** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | PAYMENT\_ID | BIGINT | **PK** |  |  |
| 2 | PAYROLL\_EMP\_ID | BIGINT | NN,FK |  | PR\_TRANS\_PARYOLL\_EMP |
| 3 | PAYMENT\_DATE | DATETIME | NN,D=NOW |  |  |
| 4 | PAY\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 5 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 6 | REMARKS | NVARCHAR(120) |  |  |  |
| 7 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 8 | UPDATE\_DT | DATETIME |  |  |  |
| 9 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 10 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 11 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **20** | **PR\_LOAN\_ITEM** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | LOAN\_ITEM\_ID | SMALLINT | **PK** |  |  |
| 2 | SALARY\_ITEM\_ID | SMALLINT | **NN,FK** |  | **PR\_SALARY\_ITEM** |
| 3 | ITEM\_NAME | NVARCHAR(60) | NN,UK |  |  |
| 4 | ITEM\_CODE | NVARCHAR(60) | NN |  |  |
| 5 | ITEM\_TYPE | CHAR(1) | NN,D=A |  | **A=ADVANCE, L=LOAN**  **IF LOAN THEN MAX\_LOAN\_AMOUNT = TOTAL PROVIDENT FUND AMOUNT** |
| 6 | MAX\_LOAN\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 7 | MAX\_INSTALLMENT\_PERIOD | SMALLINT | NN,D=0 |  | **NUMBER OF INSTALLMENT** |
| 8 | INTEREST\_RATE | DECIMAL | NN,D=0 |  |  |
| 9 | MAX\_TIME\_LOAN | SMALLINT | NN,D=0 |  | **0 = NO LIMIT : HOW MANY TIME A EMPLOYEE CAN APPLY THIS LOAN** |
| 10 | REMARKS | NVARCHAR(120) |  |  |  |
| 11 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 12 | UPDATE\_DT | DATETIME |  |  |  |
| 13 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 14 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 15 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **21** | **PR\_LOAN\_MST** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | LOAN\_ID | BIGINT | **PK** |  |  |
| 2 | EMPLOYEE\_ID | INT | NN,FK |  | SET\_EMPLOYEE |
| 3 | LOAN\_ITEM\_ID | SMALLINT | NN,FK |  | **PR\_LOAN\_ITEM** |
| 4 | LOAN\_APPLICATION\_DATE | DATE | NN,D=NOW |  |  |
| 5 | LOAN\_AMOUNT | DOUBLE | NN,D=0 |  |  |
| 6 | INSTALLMENT\_PERIOD | SMALLINT | NN,D=1 |  | **NUMBER OF INSTALLMENT** |
| 7 | INTEREST\_RATE | DECIMAL | NN,D=0 |  |  |
| 8 | INSTALLMENT\_START\_DATE | DATE | NN |  | **LOAN RETURN START MONTH AND YEAR. USER SELECT ONLY YEAR AND MONTH, BUT IN DATABASE WE STORE FIRST DAY OF THIS MONTH.** |
| 9 | TOTAL\_LOAN\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 10 | PAID\_STATUS | SMALLINT | NN,D=0 |  | **0=NOT PAID,1=PARTIAL PAID, 2= FULL PAID** |
| 11 | CLOSE\_DATE | DATETIME |  |  |  |
| 12 | TOTAL\_PAID\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 13 | REMARKS | NVARCHAR (120) |  |  |  |
| 14 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 15 | UPDATE\_DT | DATETIME |  |  |  |
| 16 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 17 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 18 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **22** | **PR\_LOAN\_INSTALLMENTS** | | | | |
| **SL.** | **NAME** | **TYPE & SIZE** | **CONSTRAINT** | **REFERENCE** | **REMARKS** |
| 1 | LOAN\_INSTALLMENT\_ID | BIGINT | **PK** |  |  |
| 2 | LOAN\_ID | BIGINT | NN,FK |  | PR\_LOAN\_MASTER |
| 3 | SL\_NO | SMALLINT | NN,DD=1 |  |  |
| 4 | PAYROLL\_DETAIL\_ID | BIGINT | NN,FK |  | **PR\_TRAN\_DTL** |
| 5 | INSTALLMENT\_NO | NVARCHAR(20) | NN |  | EX:1/12,2/12 |
| 6 | INSTALLMENT\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 7 | RECEIVE\_DATE | DATE | NN |  | FIRST DAY OF THE MONTH WITH YEAR |
| 8 | INSTALLMENT\_TYPE | CHAR(N) | NN,D=P |  | P=PRINCIPAL, I = INTEREST, B=BOTH |
| 9 | IS\_PAID | BOOL | NN,D=FALSE |  |  |
| 10 | REMARKS | NVARCHAR (120) |  |  |  |
| 11 | ACTION\_DT | DATETIME | NN | D=CURRENT\_DATE |  |
| 12 | UPDATE\_DT | DATETIME |  |  |  |
| 13 | ACTION\_BY | INT | NN | FK | USER\_INFO |
| 14 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 15 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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**/\*Employee Provident Fund (EPF) Module \*/**

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| **13** | **EPF\_BOARD\_MEMBER** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | MEMBER\_ID | SMALLINT | PK |  | **SEQUENCE** |
| 2 | MEMBER\_NAME | VARCHAR(60) | NN |  |  |
| 3 | EMPLOYEE\_ID | INT | FK |  | IF EMPLOYEE THEN ID |
| 4 | ROLE | VARCHAR(60) |  |  | ROLE IN BOARD |
| 5 | SL\_NO | SMALLINT | NN,D=1 |  | MEMBER SL NO |
| 6 | JOIN\_DATE | DATE | NN,D=SYSDATE |  | BOARD JOIN DATE |
| 7 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 8 | ACTION\_BY | INT | NN,FK |  | USER\_INFO |
| 9 | UPDATE\_DT | DATETIME |  |  |  |
| 10 | UPDATE\_BY | INT | FK |  | USER\_INFO |
| 11 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **EPF\_SETTINGS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | SETTING\_ID | BIGINT | PK |  | **SEQUENCE** |
| 2 | PF\_SOURCE | CHAR(1) | NN,D=B |  | B=Basic, G=Gross |
| 3 | EMP\_CON | DECIMAL(10,2) | NN,D=12 |  |  |
| 4 | COMP\_CON | DECIMAL(10,2) | NN,D=0 |  |  |
| 5 | MARUTITY\_MONTH | SMALLINT | NN,D=0 |  |  |
| 6 | INTEREST | DECIMAL(10,2) | NN,D=0 |  |  |
| 7 | LOAN\_AFTER | SMALLINT | NN,D=12 |  | Can apply for load after x months |
| 8 | EFFECTIVE\_DATE | DATE | NN,D=SYSDATE |  |  |
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| **13** | **EPF\_SETTINGS\_HST** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | HST\_SETTING\_ID | BIGINT | PK |  | **SEQUENCE** |
| 2 | PF\_SOURCE | CHAR(1) | NN,D=B |  | B=Basic, G=Gross |
| 3 | EMP\_CON | DECIMAL(10,2) | NN,D=12 | CON | Contribution |
| 4 | COMP\_CON | DECIMAL(10,2) | NN,D=0 |  |  |
| 5 | MARUTITY\_MONTH | SMALLINT | NN,D=0 |  |  |
| 6 | INTEREST | DECIMAL(10,2) | NN,D=0 |  |  |
| 7 | LOAN\_AFTER | SMALLINT | NN,D=12 |  |  |
| 8 | EFFECTIVE\_DATE | DATE | NN,D=SYSDATE |  | Can apply for loan after x months |
| 9 | END\_DATE | DATE |  |  |  |
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| **13** | **EPF\_PROVIDENT\_FUND** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | EPF \_ID | BIGINT | PK |  | **SEQUENCE** |
| 2 | EMP\_ID | BIGINT | NN,FK |  | SET\_EMPLOYEE |
| 3 | EMP\_BASIC | DECIMAL(10,2) | NN,D=0 |  |  |
| 4 | EPF\_DATE | DATETIME | NN |  |  |
| 5 | EPF\_TYPE | CHAR(1) | NN,D=P |  | P=PF, F=Profit Share |
| 6 | EMP\_CON\_PER | DECIMAL(10,2) | NN,D=0 |  |  |
| 7 | COMP\_CON\_PER | DECIMAL(10,2) | NN,D=0 |  |  |
| 8 | EMP\_CON | DECIMAL(10,2) | NN,D=0 |  | Actual Amount |
| 9 | COMP\_CON | DECIMAL(12,2) | NN,D=0 |  | Actual Amount |
| 10 | PROFIT\_ID | BIGINT | FK |  | EPF\_FP\_INV\_PROFIT |
| 11 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **EPF\_PF\_INV INV=INVESTMENT** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | INVESTMENT\_ID | INT | PK |  | **SEQUENCE** |
| 2 | INVESTMENT\_DATE | DATE | NN,D=SYSDATE |  |  |
| 3 | INVESTMENT\_IN | VARCHAR(60) | NN |  |  |
|  | DESCRIPTION | VARCHAR(250) |  |  | Description about invest |
| 4 | AMOUNT | DECIMAL | NN,D=0 |  |  |
| 5 | INTEREST\_RATE | DECIMAL(10,2) | NN,D=0 |  |  |
| 6 | MATURITY\_DATE | DATE |  |  |  |
| 7 | IS\_MATURED | BOOL | NN,D=FALSE |  |  |
| 8 | MATURED\_AMOUNT | DECIMAL |  |  |  |
| 9 | YEARLY\_PROFIT | BOOL | NN,D=FALSE |  |  |
| 10 | STATUS | CHAR(1) | NN,D=R |  | R=Running, C=Closed, N=Cancel |
| 11 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 12 | ACTION\_BY | INT | NN,FK |  | USER\_INFO |
| 13 | UPDATE\_DT | DATETIME |  |  |  |
| 14 | UPDATE\_BY | INT | FK |  | USER\_INFO |
| 15 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **EPF\_PF\_INV\_PROFIT INV=INVESTMENT** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | PROFIT\_ID | BIGINT | PK |  | **SEQUENCE** |
| 2 | INVESTMENT\_ID | BIGINT | NN,FK |  | EPF\_PP\_INV |
| 3 | PROFIT\_DATE | DATE |  |  |  |
| 4 | PROFIT\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 5 | IS\_DISTRIBUTED | BOOL | NN,D=FASLE |  |  |
| 6 | DIS\_DATE | DATE |  |  | DIS=Distribution |
| 7 | DIS\_BY | INT | FK |  | USER\_INFO |
| 8 | REMARKS | VARCHAR(120) |  |  |  |
| 9 | DIS\_REMARKS | VARCHAR(120) |  |  |  |
| 10 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 11 | ACTION\_BY | INT | NN,FK |  | USER\_INFO |
| 12 | UPDATE\_DT | DATETIME |  |  |  |
| 13 | UPDATE\_BY | INT | FK |  | USER\_INFO |
| 14 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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**/\*Workflow Automation\*/**

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| **13** | **WA\_APP\_FORMS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | FORM\_ID | SMALLINT | **PK** |  | **SEQUENCE** |
| 2 | FORM\_TITLE | NVARCHAR(120) | NN |  |  |
| 3 | DESCRIPTION | NVARCHAR2(150) |  |  |  |
| 4 | FORM\_TYPE | CHAR(1) | NN,D=A |  | A=Application Form , C=Comment Sheet |
| 5 | FORM\_CODE | NVARCHAR(40) | NN,UK |  | AUTO GENERATED |
| 6 | FORM\_URL | VARCHAR(100) | NN |  |  |
| 7 | REMARKS | NVARCHAR(120) |  |  |  |
| 8 | REF\_TABLE | VARCHAR(30) |  |  |  |
| 9 | REF\_PK\_FIELD | VARCHAR(30) |  |  |  |
| 10 |  |  |  |  |  |
| 11 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 12 | ACTION\_BY | INT | NN,FK |  | USER\_INFO |
| 13 | UPDATE\_DT | DATETIME |  |  |  |
| 14 | UPDATE\_BY | INT | FK |  | USER\_INFO |
| 15 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **WA\_WORKFLOW** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | WORKFLOW\_ID | SMALLINT) | **PK** |  | **SEQUENCE** |
| 2 | WORKFLOW\_NAME | VARCHAR2(100) | NN,UK |  |  |
| 3 | DESCRIPTION | VARCHAR2(150) |  |  |  |
| 4 | REMARKS | VARCHAR2(150) |  |  |  |
| 5 | IS\_ACTIVE | BOOL | NN,D=TRUE |  | 1=Enable, 0=Disable |
| 6 | APPLICATION\_FORM\_ID | SMALLINT |  |  |  |
| 7 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 8 | ACTION\_BY | INT | NN,FK |  | USER\_INFO |
| 9 | UPDATE\_DT | DATETIME |  |  |  |
| 10 | UPDATE\_BY | INT | FK |  | USER\_INFO |
| 11 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **WA\_APP\_STAGES** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | STAGE\_ID | INT | **PK** |  | **SEQUENCE** |
| 2 | WORKFLOW\_ID | SMALLINT | **NN,FK** | WORKFLOW |  |
| 3 | DEPARTMENT\_ID | SMALLINT | FK | SET\_DEPARTMENT | DEPT SPECIFIC |
| 4 | EMPLOYEE\_ID | BIGINT | FK | SET\_EMPLOYEE | EMP SPECIFIC |
| 6 | STAGE\_NAME | NVARCHAR2(100) | NN |  |  |
| 7 | DESCRIPTION | NVARCHAR2(150) |  |  |  |
| 8 | REMARKS | NNVARCHAR(150) |  |  |  |
| 9 | IS\_ACTIVE | BOOL | NN,D=FALSE |  |  |
| 10 | IS\_APPROVE\_STAGE | BOOL | NN,D=FALSE |  | IF TRUE THAN REVIEWER GET APPROVE OPTION |
| 11 | SL\_NO | SMALLINT | NN,D=0 |  | FOR EVERY WORKFLOW\_ID GENERATE NEW SL\_NO |
| 12 | IS\_EDITABLE | BOOL | NN,D=FALSE |  |  |
| 13 | IS\_AUTO\_ASSIGN | BOOL | NN,D=FALSE |  | IF TRUE THEN REVIEWER ID COMES FROM WA\_APP\_AUTO\_ASSIGN |
| 14 | IS\_AUTO\_FORWARD | BOOL | NN,D=FALSE |  | TRUE THEN AUTO FORWARD TO NEXT STAGE-LEAVE , LOAN ETC |
| 15 | FORM\_ID | SMALLINT | FK | WA\_APP\_FORMS | FOR ASSIGN COMMENT SHEET IN STAGE |
| 16 | CREATE\_TASK | BOOL | NN,D=FASLE |  |  |
| 17 | ESTIMATED\_HOUR | SMALLINT | NN,D=0 |  | ESTIMATED COMPLETION HOURS |
| 18 | ACTION\_BY | BIGINT |  |  |  |
| 19 | UPDATE\_BY | BIGINT |  |  |  |
| 20 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
| 21 | ACTION\_DT | DATE | NN,D=NOW |  |  |
| 22 | UPDATE\_DT | DATE |  |  |  |
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| **13** | **WA\_STAGE\_REVIEWERS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | STAGE\_REVIEWER\_ID | INT | **PK** |  | **SEQUENCE** |
| 2 | STAGE\_ID | INT | NN,FK | APPLICATION\_STAGE |  |
| 3 | REVIEWER\_DESIGNATION\_ID | INT | NN,FK | DESIGNATION |  |
| 4 | REVIEWER\_ID | BIGINT | FK |  | **EMP\_CODE** |
| 5 | ACCESS\_LEVEL | SMALLINT | NN,D=1 | (IF MULTIPLE REVIEWER IN SAME STAGE AND SOMEONE ONLY NEED TO VIEW THEN = 0) | 0 = ONLY VIEW ACCESS  1 = ACTION ACCESS |
| 6 | REMARKS | NVARCHAR(80) |  |  |  |
| 7 | REVIEWER\_TYPE | CHAR(1) | NN,D=M |  | M=MAIN,A=ALTERNATIVE |
| 8 | IS\_SEQUENCE\_ALT | BOOL | NN,D=FALSE |  | IS ALTERNATIVE REVIEWER IN SEQUENCE |
| 9 | JOB\_TRANSFERABLE | BOOL | NN,D=FASLE |  |  |
| 10 | ACTION\_BY | BIGINT | NN,FK |  |  |
| 11 | UPDATE\_BY | BIGINT | FK |  |  |
| 12 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
| 13 | ACTION\_DT | DATE | NN,D=GETDATE |  |  |
| 14 | UPDATE\_DT | DATE |  |  |  |
|  |  |  |  |  |  |

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| **13** | **WA\_STAGE\_MOVEMENTS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | STAGE\_MOVEMENT\_ID | INT | **PK** |  | **SEQUENCE** |
| 2 | STAGE\_ID | INT | NN,FK | WA\_APP\_STAGES |  |
| 3 | MOVEMENT\_TITLE | NVARCHAR2(100) | NN |  |  |
| 4 | DESTINATION\_STAGE\_ID | INT | NN,FK | APPLICATION\_STAGE |  |
| 5 | SL\_NO | SMALLINT | NN,D=1 |  | GENERATE FOR EVERY NEW STAGE ID |
| 6 | \*IS\_ARCHIVE | BOOLEAN | NN,D=FASLE |  |  |
| 7 | REMARKS | NVARCHAR(150) |  |  |  |
| 8 | ACTION\_BY | BIGINT | NN,FK |  |  |
| 9 | UPDATE\_BY | BIGINT | FK |  |  |
| 10 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
| 11 | ACTION\_DT | DATE | NN,D=NOW |  |  |
| 12 | UPDATE\_DT | DATE |  |  |  |
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| **13** | **WA\_TASKS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | TASK\_ID | LONG | **PK** |  | **SEQUENCE** |
| 2 | TO\_USER | LONG | **NN,FK** | SET\_USER/EMP |  |
| 3 | FROM\_USER | LONG | NN,FK | SET\_USER/EMP |  |
| 4 | APPLICATION\_ID | LONG |  |  |  |
| 6 | ASSIGN\_DATE | DATETIME | NN,D=NOW |  |  |
| 7 | FROM\_DATE | DATE |  |  |  |
| 8 | TO\_DATE | DATE |  |  |  |
| 9 | IS\_COMPLETED | BOOL | NN,D=FALSE |  | IS COMPLETED |
| 10 | COMPLETED\_DATE | DATE |  |  |  |
| 11 | ACTION\_BY | BIGINT |  |  |  |
| 12 | UPDATE\_BY | BIGINT |  |  |  |
| 13 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
| 14 | ACTION\_DT | DATE | NN,D=NOW |  |  |
| 15 | UPDATE\_DT | DATE |  |  |  |
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| **13** | **WA\_APP\_MOVEMENTS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | APP\_MOVEMENT\_ID | BIGINT | **PK** |  | **SEQUENCE** |
| 2 | APP\_TYPE | CHAR | NN,D=R |  | R=REQUISITION,L=LEAVE, |
| 3 | REVIEWER\_ID | BIGINT | FK |  | EMP\_CODE |
| 4 | STAGE\_ID | INT | NN,FK | APPLICATION\_STAGE |  |
| 5 | FROM\_STAGE\_ID | INT | FK | APPLICATION\_STAGE | IF FIRST STAGE THEN NO FROM\_STAGE\_ID |
| 6 | MOVEMENT\_DATE | DATETIME | NN,D=NOW |  |  |
| 7 | SL\_NO | SMALLINT | NN,D=1 |  | FOR EVERY NEW APPLICATION \_ID |
| 8 | IS\_CURRENT | BOOL | NN,D=FALSE |  | FOR EVERY SINGLE APPLICATION THERE WILL BE ONLY ONE IS\_CURRENT = TRUE |
| 9 | MOVED\_BY | BIGINT |  |  | EMP\_CODE |
| 10 | COMMENTS | NVARCHAR(500) |  |  |  |
| 11 | REVIEW\_DATE | DATETIME |  |  |  |
| 12 | IS\_APPROVE | BOOL | NN,D=FASLE |  | 0= REVIEW, 1= APPROVE  2= REJECT |
| 13 | IS\_SMS\_SEND | BOOL | NN,D=FASLE |  |  |
| 14 | IS\_MAIL\_SEND | BOOL | NN,D=FALSE |  |  |
| 15 | ACTION\_DT | DATETIME | NN,D=NOW |  |  |
| 16 | UPDATE\_DT | DATETIME |  |  |  |
| 17 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
| 18 | REQUISITION\_ID | BIGINT | FK |  | **PR\_REQUISITION\_MST** |
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| **13** | **WA\_APP\_MOVEMENTS\_DTL** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | APP\_MOVEMENT\_DTL\_ID | BIGINT | **PK** |  | **SEQUENCE** |
| 2 | APP\_MOVEMENT\_ID | BIGIN | NN,FK |  | WA\_APP\_MOVEMENT |
| 3 | DOCUMENT\_TITLE | NVARCHAR(80) | NN |  |  |
| 4 | DESCRIPTION | NVARCHAR(300) |  |  |  |
| 5 | REMARKS | NVARCHAR(120) |  |  |  |
| 6 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 7 | DUCUMENT\_FILE | VARCHAR(120) |  |  |  |
| 8 | ACTION\_DT | DATETIME | NN,D=NOW |  |  |
| 9 | UPDATE\_DT | DATETIME |  |  |  |
| 10 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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| **13** | **WA\_APP\_REVIEWERS** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | APP\_REVIEWER\_ID | BIGINT | **PK** |  | **SEQUENCE** |
| 2 | MOVEMENT\_ID | BIGINT | FK | APP\_MOVEMENT |  |
| 3 | REVIEWER\_ID | BIGINT | NN,FK |  | EMP |
| 4 | SL\_NO | SMALLINT | NN,D=1 |  | GENERATE FOR EVERY NEW STAGE ID |
| 6 | APPROVE\_ACTION | BOOL | NN,D=FALSE |  |  |
| 7 | ACCESS\_LEVEL | SMALLINT | NN,D=1 |  | 0=VIEW ACCESS, 1=ACTION |
| 8 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
| 9 | IS\_SMS\_SEND | BOOL | NN,D=FASLE |  |  |
| 10 | IS\_MAIL\_SEND | BOOL | NN,D=FALSE |  |  |
| 11 | REVIEWER\_TYPE | CHAR(1) | NN,D=M |  | M=MAIN, A=ALTERNATIVE |
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| **13** | **WA\_JOB\_TRANSFER\_HISTORY** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | TRNS\_HISTORY\_ID | BIGINT | **PK** |  | **SEQUENCE** |
| 2 | APP\_REVIEWER\_ID | BIGINT | NN,FK | APP\_REVIEWER |  |
| 3 | TRANSFER\_BY | BIGINT | NN |  | EMP |
| 4 | TRANSFER\_TO | BIGINT | NN |  | EMP |
| 6 | TRANSFER\_FROM | BIGINT | NN |  | EMP |
| 7 | SL\_NO | SMALLINT | NN,D=1 |  | GENERATE FOR EVERY NEW STAGE ID |
| 8 | TRANSFER\_DATE | DATETIME | NN,D=NOW |  |  |
| 9 | REMARKS | NVARCHAR(120) |  |  |  |
| 10 | IS\_DELETED | SMALLINT | NN, D=0 |  |  |
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**/\*Inventory Procurement \*/**

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| **13** | **INV\_CLIENT\_INFO** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | CLIENT\_ID | LONG | **PK** |  | SEQUENCE |
| 2 | CLIENT\_TYPE | CHAR(1) | NN,D=C |  | C=Customer, V=Vendor |
| 3 | CLIENT\_NAME | NVARCHAR(60) | NN |  |  |
| 4 | PHONE | NVARCHAR(25) |  |  |  |
| 5 | MOBILE | NVARCHAR(25) |  |  |  |
| 6 | EMAIL | NVARCHAR(25) |  |  |  |
| 7 | ADDRESS | NVARCHAR(120) |  |  |  |
| 8 | REG\_NO | VARCHAR(80) | NN,UK |  | AUTO GENERATED |
| 9 | REG\_DATE | DATETIME | NN,D=NOW |  |  |
| 10 | CP\_NAME | NVARCHAR(60) |  |  | When vendor |
| 11 | CP\_EMAIL | NVARCHAR(25) |  |  | When vendor |
| 12 | CP\_MOBILE | NVARCHAR(25) |  |  | When vendor |
| 13 | NET | INT | NN,D=0 |  | When vendor(pay money) |
| 14 | LEAD | INT | NN,D=0 |  | When vendor(receive items) |
| 15 | CLIENT\_PHOTO | VARCHAR(120) |  |  |  |
| 16 | REMARKS | NVARCHAR(120) |  |  |  |
| 17 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 18 | ACTION\_BY | NUMBER | FK |  |  |
| 19 | UPDATE\_DT | DATETIME |  |  |  |
| 20 | UPDATE\_BY | NUMBER |  |  |  |
| 21 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
| 22 | **GENDER** | **CHAR(1)** |  |  | **M=MALE,F=FEMALE,O=OTHERS** |
| 23 | **DOB** | **DATE** |  |  |  |
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| **13** | **INV\_STORE** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | STORE\_ID | INT | **PK** |  | SEQUENCE |
| 2 | CENTER\_ID | SMALLINT | NN,FK |  | SET\_CENTER |
| 3 | STORE\_NAME | NVARCHAR(80) | NN |  |  |
| 4 | STORE\_CODE | NVARCHAR(40) | NN,UK |  | AUTO GENERATED |
| 5 | ADDRESS | NVARCHAR(120) | NN |  |  |
| 6 | PHONE | NVARCHAR(25) |  |  |  |
| 7 | MOBILE | NVARCHAR(25) |  |  |  |
| 8 | EMAIL | NVARCHAR(25) |  |  |  |
| 9 | CP\_NAME | NVARCHAR(60) |  |  | CP=CONTACT PERSON |
| 10 | CP\_MOBILE | NVARCHAR(25) |  |  |  |
| 11 | CP\_EMAIL | VARCHAR(25) |  |  |  |
| 12 | START\_DATE | DATE | NN,D=NOW |  |  |
| 13 | REMAKS | NVARCHAR(120) |  |  |  |
| 14 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 15 | ACTION\_BY | NUMBER | FK |  | USER\_INFO |
| 16 | UPDATE\_DT | DATETIME |  |  |  |
| 17 | UPDATE\_BY | INT |  |  | USER\_INFO |
| 18 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **INV\_MEASUREMENT\_TYPE** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | MSR\_TYPE\_ID | SMALLINT | **PK** |  | SEQUENCE |
| 2 | TYPE\_NAME | NVARCHAR(20) | NN,UK |  |  |
| 3 | TYPE\_CODE | NVARCHAR(10) |  |  |  |
| 4 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 5 | ACTION\_BY | NUMBER | FK |  | USER\_INFO |
| 6 | IS\_DELETED | SMALLINT | NN,D=0 |  |  |
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| **13** | **INV\_UNIT\_INFO** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | UNIT\_ID | SMALLINT | **PK** |  | SEQUENCE |
| 2 | MSR\_TYPE\_ID | SMALLINT | NN,FK |  | INV\_MEASUREMENT\_TYPE |
| 3 | UNIT\_NAME | NVARCHAR(40) | NN,UK |  |  |
| 4 | UNIT\_CODE | NVARCHAR(25) | NN,UK |  |  |
| 5 | REMARKS | NVARCHAR(120) |  |  |  |
| 6 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 7 | ACTION\_BY | NUMBER | FK |  |  |
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| **13** | **INV\_ITEM\_PROPERTY** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | PROPERTY\_ID | SMALLINT | **PK** |  | SEQUENCE |
| 2 | SL\_NO | SMALLINT | NN,UK |  |  |
| 3 | PROPERTY\_NAME | NVARCHAR(35) | NN,UK |  |  |
| 4 | PROPERTY\_CODE | NVARCHAR(35) |  |  |  |
| 5 | IS\_ENABLE | SMALLINT | NN,D=0 |  | 0=FALSE , 1=TRUE |
| 6 | REMARKS | NVARCHAR(120) |  |  |  |
| 7 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 8 | ACTION\_BY | NUMBER | FK |  |  |
| 9 | UPDATE\_DT | DATETIME |  |  |  |
| 10 | UPDATE\_BY | NUMBER |  |  |  |
| 11 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_ITEM\_PROPERTY\_VALUE** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | VALUE\_ID | INT | **PK** |  | SEQUENCE |
| 2 | PROPERTY\_ID | SMALLINT | NN,FK |  | ITEM\_PROPERTY |
| 3 | SL\_NO | SMALLINT | NN,UK |  |  |
| 4 | VALUE\_NAME | NVARCHAR(40) | NN |  |  |
| 5 | VALUE\_CODE | NVARCHAR(35) |  |  |  |
| 6 | REMARKS | NVARCHAR(120) |  |  |  |
| 7 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 8 | ACTION\_BY | NUMBER | FK |  |  |
| 9 | UPDATE\_DT | DATETIME |  |  |  |
| 10 | UPDATE\_BY | NUMBER |  |  |  |
| 11 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_ITEM\_CATEGORY** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | CATEGORY\_ID | SMALLINT | **PK** |  | SEQUENCE |
| 2 | CATEGORY\_NAME | NVARCHAR(80) | NN,UK |  |  |
| 3 | CATEGORY\_CODE | NVARCHAR(60) | NN,UK |  |  |
| 4 | CATEGORY\_PHOTO | VARCHAR(120) |  |  | PATH |
| 5 | REMARKS | NVARCHAR(120) |  |  |  |
| 6 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 7 | ACTION\_BY | NUMBER | FK |  |  |
| 8 | UPDATE\_DT | DATETIME |  |  |  |
| 9 | UPDATE\_BY | NUMBER |  |  |  |
| 10 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_ITEM\_INFO** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | ITEM\_ID | BIGINT | **PK** |  | SEQUENCE |
| 2 | CATEGORY\_ID | SMALLINT | NN,FK |  | ITEM\_CATEGORY |
| 3 | ITEM\_NAME | NVARCHAR(80) | NN |  |  |
| 4 | ITEM\_CODE | NVARCHAR(50) | NN |  | AUTO OR MENUAL |
| 5 | PROPERTY\_A | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 6 | PROPERTY\_B | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 7 | PROPERTY\_C | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 8 | PROPERTY\_D | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 9 | PROPERTY\_E | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 10 | PROPERTY\_F | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 11 | PROPERTY\_G | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 12 | PROPERTY\_H | **INT** | **FK** |  | **ITEM\_PROPERTY\_VALUE** |
| 13 | **CLIENT\_ID** | **BIGINT** | **FK** | **CLIENT\_INFO** | **if vendor specific item** |
| 14 | MSR\_UNIT\_ID | SMALLINT | NN,FK |  | INV\_MESUREMENT\_INFO |
| 15 | UNIT\_ID | SMALLINT | NN,FK |  | unit\_info – lowest unit id |
| 16 | LOCATION | NVARCHAR(60) |  |  | physical location |
| 17 | STORE\_ID | INT | FK | STORE\_INFO | if store specific item |
| 18 | SALE\_PRICE | DECIMAL(18,2) | NN,D=0 |  |  |
| 19 | ITEM\_PHOTO | VARCHAR(120) |  |  | PATH |
| 20 | REMARKS | NVARCHAR(120) |  |  |  |
| 21 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 22 | ACTION\_BY | NUMBER | FK |  |  |
| 23 | UPDATE\_DT | DATETIME |  |  |  |
| 24 | UPDATE\_BY | NUMBER |  |  |  |
| 25 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_REORDER\_INFO** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | REORDER\_ID | BIGINT | **PK** |  | SEQUENCE |
| 2 | ITEM\_ID | BIGINT | NN,FK |  | ITEM\_INFO |
| 3 | UNIT\_ID | SMALLINT | NN,FK |  | default from item table |
| 4 | STORE\_ID | INT | NN,FK |  | STORE\_INFO |
| 5 | WARNING\_QTY | DECIMAL(18,2) | NN,D=0 |  |  |
| 6 | REORDER\_QTY | DECIMAL(18,2) | NN,D=0 |  |  |
| 7 | REMARKS | NVARCHAR(120) |  |  |  |
| 8 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 9 | ACTION\_BY | NUMBER | FK |  |  |
| 10 | UPDATE\_DT | DATETIME |  |  |  |
| 11 | UPDATE\_BY | NUMBER |  |  |  |
| 12 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_REQUISITION\_MST** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | REQUISTION\_ID | BIGINT | **PK** |  | SEQUENCE |
| 2 | REQ\_NO | NVARCHAR(30) | NN,UK |  | AUTO GENERATED |
| 3 | CENTER\_ID | SMALLINT | NN,FK |  | SET\_CENTER-LOGGED CENTER |
| 4 | REQ\_DATE | DATE | NN,D=SYSDATE |  |  |
| 5 | REQ\_DEPT | SMALLINT | NN,FK |  | SET\_DEPARTMENT |
| 6 | REQ\_BY | BIGINT | NN,FK |  | SET\_EMPLOYEE |
| 7 | SUBMIT\_BY | BIGINT | NN,FK |  | SET\_USER |
| 8 | STATUS | CHAR(1) | NN,D=0 |  | 0=FRESH, 1 = REVIEW, 2=REJECTED, 3 = APPROVED , 4 =PARTIAL ORDERED,  5 = ORDERD,9=CANCEL |
| 9 | STAGE\_ID | NUMBER |  |  | WA\_APP\_STAGE |
| 10 | APP\_STAGE\_ID | NUMBER |  |  | WA\_APP\_STAGE |
| 11 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 12 | ACTION\_BY | NUMBER | FK |  |  |
| 13 | UPDATE\_DT | DATETIME |  |  |  |
| 14 | UPDATE\_BY | NUMBER |  |  |  |
| 15 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
| 16 | CANCEL\_BY | BIG INT | FK |  | SET\_EMPLOYEE |
| 17 | CANCEL\_DT | DATETIME |  |  |  |
| 18 | ISSUE\_STATUS | SMALLINT | NN,D=0 |  | 0=NOT ISSUE,1=PARTIAL ISSUE,2=FULL ISSUE |
|  |  |  |  |  |  |

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| **13** | **INV\_REQUISITION\_DTL** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | REQ\_DTL\_ID | BIGINT | **PK** |  | SEQUENCE |
| 2 | REQUISITION\_ID | BIGINT |  |  | INV\_REQUISITION\_MST |
| 3 | ITEM\_ID | BIGINT | NN,FK |  | SET\_ITEM |
| 4 | UNIT\_ID | SMALLINT | NN,FK |  |  |
| 5 | QUANITTY | DECIMAL | NN,D=0 |  |  |
| 6 | APPROVE\_QUANTITY | DECIMAL | NN,D=0 |  |  |
| 7 | REMARKS | NVARCHAR(120) |  |  |  |
| 8 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 9 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_ORDER\_MST** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | ORDER\_ID | LONG | PK |  |  |
| 2 | REQUISITION\_ID | LONG | FK |  | INV\_REQUISITION\_MST |
| 3 | ORDER\_TYPE | CHAR(1) | NN,D=P |  | P=PURCHASE, S=SALE, T=TRANSFER |
| 4 | ORDER\_NO | NVARCHAR(50) | NN | COM+LOC+DATE | AUTO GENERATE |
| 5 | ORDER\_DATE | DATE | NN,D=NOW |  |  |
| 6 | TRANS\_DATE | DATE |  |  | ACTUAL PURCHASE, SALE , TRANSFER DATE |
| 7 | CLIENT\_ID | INT | NN,FK |  | INV\_CLIENT\_INFO |
| 8 | APPROVED\_BY | NVARCHAR(128) | FK |  | USER\_INFO |
| 9 | STATUS\_ID | INT | NN,D=0 |  |  |
| 10 | ORDER\_STORE\_ID | INT | NN,FK | STOREID | STORE WHERE ORDER GENERATE |
| 11 | TRANS\_STORE\_ID | INT | FK | STOREID | ACTUAL RECEIVE, SALE STORE |
| 12 | SUB\_TOTAL | DECIMAL | NN,D=0 |  |  |
| 13 | CASH\_DISCOUNT | DECIMAL | NN,D=0 |  |  |
| 14 | TRADE\_DISCOUNT | DECIMAL | NN,D=0 |  |  |
| 15 | CHARGE | DECIMAL | NN,D=0 |  |  |
| 16 | TOTAL | DECIMAL | NN,D=0 |  |  |
| 17 | STATUS | CHAR(1) | NN,D=N |  | N=NOT,P=PARTIAL,F=FULL,C=CANCEL |
| 18 | REMARKS | NVARCHAR(120) |  |  |  |
| 19 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 20 | ACTION\_BY | NUMBER | FK |  |  |
| 21 | UPDATE\_DT | DATETIME |  |  |  |
| 22 | UPDATE\_BY | NUMBER |  |  |  |
| **23** | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
| 24 | **DUE\_DATE** | **DATE** |  |  |  |
| 25 | **AVG\_DISCOUNT** | **DECIMAL** | **NN,D=0** |  |  |
| 26 | **AVG\_CHARGE** | **DECIMAL** | **NN,D=0** |  |  |
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| **13** | **INV\_ORDER\_DTL** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | ORDER\_DETAIL\_ID | LONG | PK |  |  |
| 2 | ORDER\_ID | LONG | NN,FK |  | ORDERINFO |
| 3 | ITEM\_ID | LONG | NN,FK |  | ITEM\_INFO |
| 4 | QUANTITY | DECIMAL | NN,D=0 |  |  |
| 5 | PURCHASE\_RATE | DECIMAL | NN,D=0 |  |  |
| 6 | ACTUAL\_RATE | DECIMAL | NN,D=0 | PER BOX RATE | RATE AFTER DISCOUNT CALCULATION |
| 7 | LOWEST\_UNIT\_RATE | DECIMAL | NN,D=0 |  | PER PIECE COST |
| 8 | TOTAL\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 9 | DISCOUNT | DECIMAL | NN,D=0 |  |  |
| 10 | EXTRA\_ITEM | DECIMAL | NN,D=0 |  |  |
| 11 | **EXTRA\_UNIT\_ID** | **SMALLINT** | **FK** |  | **UNIT\_INFO** |
| 12 | UNIT\_ID | SMALLINT | NN,FK |  | UNITINFO |
| 13 | LOWEST\_UNIT\_ID | SMALINT | NN,FK |  | UNITINFO |
| 14 | UNIT\_CONVERSION | DECIMAL | NN,F=1 |  | UNIT CONVERSION RATE |
| 15 | SL\_NO | SMALLINT | NN,D=0 |  |  |
| 16 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_TRANS\_MST** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | TRANS\_ID | LONG | **PK** |  |  |
| 2 | TRANS\_DATE | DATE | NN,D=NOW |  |  |
| 3 | TRANS\_TYPE | CHAR(1) | NN,D=R |  | R=RECEIVE, I=ISSUE, S=SALE, U=RECEIVE RETURN, E=SALE RETURN |
| 4 | TRANS\_NO | VARCHAR(60) | NN,UK |  | AUTO GENERATED |
| 5 | STORE\_ID | INT | FK |  | STORE\_INFO |
| 6 | REF\_TRANS\_ID | LONG |  |  | WHEN RECEIVE FROM ISSUE/TRANSFER |
| 7 | TRANS\_ORDER\_ID | LONG | FK | ORDERID | PURCHASEORDER-ID, WHEN RECEIVE |
| 8 | CLIENT\_ID | LONG | FK |  | CLIENT\_INFO-WHEN SALE |
| 9 | TOTAL\_QTY | DECIMAL(18,2) | NN,D=0 |  |  |
| 10 | TOTAL\_AMOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 11 | **SUB\_TOTAL** | **DECIMAL(18,2)** | **NN,D=0** |  |  |
| 12 | CASH\_DISCOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 13 | TRADE\_DISCOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 14 | **CHARGE** | **DECIMAL(18,2)** | **NN,D=0** |  |  |
| 15 | NET\_AMOUNT | DEICMAL(18,2) | NN,D=0 |  |  |
| 16 | PAYMENT\_TYPE | CHAR(1) | NN,D=C |  | C=CASH, R=CREDIT,  N=NOT APPLICABLE |
| 17 | PAYMENT\_STATUS | CHAR(1) | NN,D=N |  | N=NO, P=PARTIAL, F=FULL |
| 18 | PAYMENT\_DUE\_DATE | DATETIME |  |  |  |
| 19 | GOODS\_NOTE | NVARCHAR(50) |  |  | GRN for receive, GDN for issue |
| 20 | GOODS\_NOTE\_FILE | VARCHAR(120) |  |  | FILE PATH |
| 21 | REMARKS | NVARCHAR(120) |  |  |  |
| 22 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 23 | ACTION\_BY | NUMBER | FK |  |  |
| 24 | UPDATE\_DT | DATETIME |  |  |  |
| 25 | UPDATE\_BY | NUMBER |  |  |  |
| 26 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
| 27 | **AVG\_DISCOUNT** | **DECIMAL(18,2)** | **NN,D=0** |  |  |
| 28 | **AVG\_CHARGE** | **DECIMAL(18,2)** | **NN,D=0** |  |  |
| 29 | TO\_STORE\_ID | INT | FK |  | STORE\_INFO |
| 30 | STATUS | CHAR(1) | NN,D=N | RCV STATUS | N=FRESH,P=PARTIAL,F=FULL |
| 31 | DEPARTMENT\_ID | INT | FK |  | SET\_DEPARTMENT |
| 32 | EMPLOYEE\_ID | BIG INT | FK |  | SET\_EMPLOYEE |

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| **13** | **INV\_TRANS\_DTL** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | TRANS\_DETAIL\_ID | LONG | **PK** |  |  |
| 2 | TRANS\_ID | LONG | NN,FK |  | INV\_TRANS\_MST |
| 3 | ITEM\_ID | LONG | NN,FK |  | ITEM\_INFO |
| 4 | QUANTITY | DECIMAL | NN,D=0 |  |  |
| 5 | PURCHASE\_RATE | DECIMAL | NN,D=0 |  |  |
| 6 | ACTUAL\_RATE | DECIMAL | NN,D=0 | per box rate | rate after discount calculation |
| 7 | LOWEST\_UNIT\_RATE | DECIMAL | NN,D=0 | PER PIECE RATE |  |
| 8 | TOTAL\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 9 | DISCOUNT | DECIMAL | NN,D=0 |  |  |
| 10 | EXTRA\_ITEM | DECIMAL | NN,D=0 |  |  |
| 11 | MRP | DECIMAL | NN,D=0 |  |  |
| 12 | EXPIRY\_DATE | DATE |  |  |  |
| 13 | MFG\_DATE | DATE |  |  | MANUFACTURING |
| 14 | **LOT\_NO** | **NVARCHAR(50)** |  |  |  |
| 15 | **EXTRA\_UNIT\_ID** | **SMALLINT** |  |  |  |
| 16 | BATCH\_NO | NVARCHAR(60) | NN |  |  |
| 17 | UNIT\_ID | SMALLINT | NN,FK |  | UNITINFO |
| 18 | LOWEST\_UNIT\_ID | SMALINT | NN,FK |  | UNITINFO |
| 19 | UNIT\_CONVERSION | DECIMAL | NN,F=1 |  | UNIT CONVERSION RATE |
| 20 | LOCATION | NVARCHAR(100) |  |  | physical location | shelve |
| 21 | SLNO | SMALLINT | NN,D=0 |  |  |
| 22 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
| 23 | EXTRA\_UNIT\_CON | DECIMAL(18,2) | NN,D=1 |  | EXTRA ITEM UNIT CON. |
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| **13** | **INV\_STOCK\_POSITION** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | STOCK\_ID | LONG | **PK** |  |  |
| 2 | STORE\_ID | INT | NN,FK |  | STORE\_INFO |
| 3 | ITEM\_ID | LONG | NN,FK |  | ITEM\_INFO |
| 4 | BATCH\_NO | NVARCHAR(200) |  |  |  |
| 5 | UNIT\_ID | SMALLINT | NN,FK |  | UNIT\_INFO |
| 6 | CURRENT\_STOCK | DECIMAL | NN,D=0 |  |  |
| 7 | **EXPIRY\_DATE** | **DATE** | **NN** |  |  |
| 8 | LAST\_CHANGE\_FOR | CHAR(1) |  |  |  |
| 9 | REMARKS | NVARCHAR(120) |  |  |  |
| 10 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 11 | ACTION\_BY | NUMBER | FK |  |  |
| 12 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_ITEM\_COST\_PRICE** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | COST\_ID | LONG | **PK** |  |  |
| 2 | STORE\_ID | INT | NN,FK |  | STORE\_INFO |
| 3 | ITEM\_ID | LONG | NN,FK |  | ITEM\_INFO |
| 4 | UNIT\_ID | SMALLINT | NN,FK |  | UNIT\_INFO |
| 5 | CURRENT\_STOCK | DECIMAL | NN,D=0 |  |  |
| 6 | TOTAL\_COST | DECIMAL | NN,D=0 |  |  |
| 7 | AVG\_RATE | DECIMAL | NN,D=0 |  |  |
| 8 | LAST\_CHANGE\_FOR | CHAR(1) |  |  |  |
| 9 | REMARKS | NVARCHAR(120) |  |  |  |
| 10 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 11 | ACTION\_BY | NUMBER | FK |  |  |
| 12 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **INV\_MR\_MST \*MR = MONEY RECEIPT** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | MR\_MST\_ID | LONG | **PK** |  |  |
| 2 | REF\_MR\_MST\_ID | LONG | NN,FK |  | MR\_MASTER\_NEW |
| 3 | MR\_FOR | CHAR(1) | NN,D=I |  | I=ISSUE, R=RECEIVE |
| 4 | MR\_NO | NVARCHAR(60) | NN,UK |  | AUTO GENERATED |
| 5 | MR\_DATE | DATE | NN,D=NOW |  |  |
| 6 | MR\_TYPE | CHAR(1) | NN,D=C |  | C=CASH, Q=CHEQUE, B=BOTH |
| 7 | IS\_ADVANCE | BIT | NN,D=FALSE |  |  |
| 8 | AMOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 9 | CHEQUE\_NO | VARCHAR(40) |  |  |  |
| 10 | BANK\_NAME | NVARCHAR(60) |  |  |  |
| 11 | BRANCH\_NAME | NVARCHAR(50) |  |  |  |
| 12 | CHEQUE\_AMOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 13 | TOTAL\_AMOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 14 | INVOICE\_FILE | VARCHAR(120) |  |  | FILE PATH |
| 15 | REMARKS | NVARCHAR(120) |  |  |  |
| 16 | DUE\_AMOUNT | DECIMAL(18,2) | NN,D=0 |  | DUE AMNT FOR MR DATE |
| 17 | ADVANCE\_AMOUNT | DECIMAL(18,2) | NN,D=0 |  | ADV AMNT FOR MR DATE |
| 18 | ADJUSTED\_AMOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 19 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 20 | ACTION\_BY | NUMBER | FK |  |  |
| 21 | UPDATE\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 22 | UPDATE\_BY | NUMBER | FK |  |  |
| 23 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
| 24 | CLIENT\_ID | BIGINT | FK |  | CLIENT\_INFO |
| 25 | STORE\_ID | INT | NN,FK |  | SET\_STORE\_INFO |

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| **13** | **INV\_MR\_DTL \*MR = MONEY RECEIPT** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | MR\_DTL\_ID | BIGINT | **PK** |  |  |
| 2 | MR\_MST\_ID | BIGINT | NN,FK |  | MR\_MASTER\_NEW |
| 3 | TRANS\_ID | BIGINT | NN,FK |  | TRANS\_MASTER |
| 4 | AMOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
| 5 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 6 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
| 7 | DUE\_AMOUNT | DECIMAL(18,2) | NN,D=0 |  |  |
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**/\*Accounts Module\*/**

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| **13** | **ACC\_FINANCIAL\_YEAR** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | YEAR \_ID | SMALLINT | **PK** |  |  |
| 2 | YEAR\_NAME | NVARCHAR(30) | NN,UK |  |  |
| 3 | START\_DATE | DATE | NN |  |  |
| 4 | END\_DATE | DATE | NN |  |  |
| 5 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 6 | ACTION\_BY | NUMBER | FK |  |  |
| 7 | UPDATE\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 8 | UPDATE\_BY | NUMBER | FK |  |  |
| 9 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **ACC\_GROUP** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | GROUP\_ID | SMALLINT | **PK** |  |  |
| 2 | GROUP\_NAME | NVARCHAR(60) | NN,UK |  |  |
| 3 | GROUP\_CODE | NVARCHAR(40) | NN,UK |  | AUTO GENERATED.EX:G00001 |
| 4 | GROUP\_SHORT\_CODE | NVARCHAR(1) | NN,UK |  | Assets=A, Liabilities=L, Income=I etc |
| 5 | SL\_NO | SMALLINT | NN,D=1 |  |  |
| 6 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 7 | ACTION\_BY | NUMBER | FK |  |  |
| 8 | UPDATE\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 9 | UPDATE\_BY | NUMBER | FK |  |  |
| 10 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **ACC\_HEAD** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | HEAD\_ID | BIGINT | **PK** |  | Sequence |
| 2 | GROUP\_ID | SMALLINT | NN,FK |  | ACC\_GROUP |
| 3 | PARENT\_HEAD\_ID | BIGINT | NN,D=0 |  | IF 0 THEN MAIN HEAD, ELSE SUB HEAD |
| 4 | LEVEL\_ID | SMALLINT | NN,D=1 |  | 1 = Main head and for each new level , level id will increase |
| 5 | HEAD\_NAME | NVARCHAR(80) | NN,UK |  |  |
| 6 | HEAD\_CODE | NVARCHAR(60) | NN,UK | A1000001 | Auto Generated, GroupShortCode+LvevelId+6digit code |
| 7 | DESCRIPTION | NVARCHAR(120) |  |  |  |
| 8 | BUDGET\_HEAD | BOOL | NN,D=FALSE |  |  |
| 9 | ASSEST\_HEAD | BOOL | NN,D=FALSE |  |  |
| 10 | PETTY\_HEAD | BOOL | NN,D=FALSE |  | Petty Cash |
| 11 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 12 | ACTION\_BY | NUMBER | FK |  |  |
| 13 | UPDATE\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 14 | UPDATE\_BY | NUMBER | FK |  |  |
| 15 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **ACC\_LEDGER** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | LEDGER\_ID | BIGINT | **PK** |  | Sequence |
| 2 | HEAD\_ID | BIGINT | NN,FK |  | ACC\_HEAD |
| 3 | LEDGER\_NAME | NVARCHAR(80) | NN,UK |  |  |
| 4 | LEDGER\_CODE | NVARCHAR(40) | NN,FUK | LA1000001 | Auto Generated, L+GroupShortCode+LvevelId+6digit code |
| 5 | DESCRIPTION | NVARCHAR(120) |  |  |  |
| 6 | OP\_DEBIT | DECIMAL | NN,D=0 |  |  |
| 7 | OP\_CREDIT | DECIMAL | NN,D=0 |  |  |
| 8 | OP\_DATE | DATE | NN,D=SYSDATE |  |  |
| 9 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 10 | ACTION\_BY | NUMBER | FK |  |  |
| 11 | UPDATE\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 12 | UPDATE\_BY | NUMBER | FK |  |  |
| 13 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **ACC\_TRAN\_MST** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | VOUCHER\_ID | BIGINT | **PK** |  |  |
| 2 | VC\_DATE | DATE | NN,D=SYSDATE |  |  |
| 3 | VC\_TYPE | CHAR(1) | NN,D=G |  | G=General, C=Cash, B=Bank, P=Petty Cash, O=Opening |
| 4 | VC\_NO | NVARCHAR(60) | NN,FUK |  | AUTO GENERATED |
| 5 | NARRATION | NVARCHAR(500) |  |  |  |
| 6 | REMARKS | NVARCHAR(120) |  |  |  |
| 7 | TOTAL\_AMOUNT | DECIMAL | NN,D=0 |  |  |
| 8 | IS\_APPRIVED | BOOL | NN,D=FASLE |  |  |
| 9 | IS\_AUDITED | BOOL | NN,D=FALSE |  |  |
| 10 | AUDITE\_BY | BIGINT | FK |  | USER\_INFO |
| 11 | APPROVED\_BY | BIGINT | FK |  | USER\_INFO |
| 12 | APPROVED\_DATE | DATETIME |  |  |  |
| 13 | IS\_AUTO | BOOL | NN,D=FALSE |  |  |
| 14 | AUDITE\_DATE | DATETIME |  |  |  |
| 15 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 16 | ACTION\_BY | NUMBER | FK |  |  |
| 17 | UPDATE\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 18 | UPDATE\_BY | NUMBER | FK |  |  |
| 19 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
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| **13** | **ACC\_TRAN\_DTL** | | | | |
| **Sl.** | **Name** | **Type & Size** | **Constraint** | **Reference** | **Remarks** |
| 1 | VOUCHER\_DTL\_ID | BIGINT | **PK** |  |  |
| 2 | VOUCHER\_ID | BIGINT | NN,FK |  | ACC\_TRAN\_MST |
| 3 | LEDGER\_ID\_DR | BIGINT | NN,FK |  | ACC\_LEDGER |
| 4 | LEDGER\_ID\_CR | BIGINT | NN,FK |  | ACC\_LEDGER |
| 5 | AMOUNT\_DR | DECIMAL | NN,D=0 |  |  |
| 6 | AMOUNT\_CR | DECIMAL | NN,D=0 |  |  |
| 7 | CHK\_NO | NVARCHAR(50) |  |  |  |
| 8 | CHK\_DATE | DATE |  |  |  |
| 9 | SL\_NO | NN,D=1 |  |  |  |
| 10 | ACTION\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 11 | ACTION\_BY | NUMBER | FK |  |  |
| 12 | UPDATE\_DT | DATETIME | NN,D=SYSDATE |  |  |
| 13 | UPDATE\_BY | NUMBER | FK |  |  |
| 14 | IS\_DELETED | NUMBER(1) | NN,D=0 |  |  |
|  |  |  |  |  |  |