**Database Structure :**

1. USERS

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **USERS** |  |  |  |
|  | USER\_ID | INTEGER |  |
|  | NAME | TEXT |  |
|  | MOBILE\_NO | TEXT |  |
|  | EMAIL | TEXT |  |

1. MATCHES

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **MATCHES** |  |  |  |
|  | MATCH\_ID | INTEGER |  |
|  | MATCH\_TITLE | TEXT |  |
|  | SPORTS\_TYPE\_ID | INTEGER | Foreign key from **SPORTS\_TYPE** table |
|  | FIRST\_TEAM | TEXT |  |
|  | SECOND\_TEAM | TEXT |  |
|  | F\_TEAM\_SQUAD\_ID | INTEGER | Foreign key from **SQUAD** table |
|  | S\_TEAM\_SQUAD\_ID | INTEGER | Foreign key from **SQUAD** table |
|  | STATUS | TEXT |  |
|  | USER\_ID | INTEGER | Foreign key from **USERS** table |
|  |  |  |  |

1. SPORTS\_TYPE

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **SPORTS\_TYPE** |  |  |  |
|  | SPORTS\_TYPE\_ID | INTEGER |  |
|  | SPORT\_NAME | TEXT | Work as a name of table. |
|  |  |  |  |

1. CRICKET

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **CRICKET** |  |  |  |
|  | CRICKET\_ID | INTEGER |  |
|  | MATCH\_ID | INTEGER | Foreign key from **MATCHES** table |
|  | NO\_OF\_OVERS | INTEGER |  |
|  | LOCATION | TEXT |  |
|  | DATE | TEXT |  |
|  | TIME | TEXT |  |
|  | BALL\_TYPE | TEXT |  |
|  | PITCH\_TYPE | TEXT |  |

1. SQUAD

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **SQUAD** |  |  |  |
|  | SQUAD\_ID | INTEGER |  |
|  | SQUAD\_NAME | TEXT |  |
|  | USER\_ID | INTEGER | Foreign key from **USERS** table |

1. PLAYERS

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **PLAYERS** |  |  |  |
|  | PLAYER\_ID | INTEGER |  |
|  | PLAYER\_NAME | TEXT |  |
|  | PLAYER\_AGE | INTEGER |  |
|  | PLAYER\_CONTACT | TEXT |  |
|  | PLAYER\_SKILLS | TEXT | Can be varies with different sports. |
|  |  |  |  |

1. SQUAD\_MANAGE

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **SQUAD\_MANAGE** |  |  |  |
|  | ID | INTEGER |  |
|  | SQUAD\_ID | INTEGER | Foreign key from **SQUAD** table |
|  | PLAYER\_ID | INTEGER | Foreign key from **PLAYERS** table |
|  |  |  |  |

1. SCORECARD

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **SCORECARD** |  |  |  |
|  | SCORECARD\_ID | INTEGER |  |
|  | MATCH\_ID | INTEGER | Foreign key from **MATCHES** table |
|  | TOSS\_W\_SQUAD\_ID | INTEGER | Squad id of team who won the toss |
|  | TOSS\_W\_SQUAD | TEXT | Name of team who won the toss |
|  | ELECTED\_TO | TEXT | Batting or Bowling |
|  | FIRST\_INNINGS\_RUNS | INTEGER |  |
|  | FIRST\_INNINGS\_WICKETS | INTEGER |  |
|  | FIRST\_INNINGS\_EXTRAS | INTEGER |  |
|  | SECOND\_INNINGS\_RUNS | INTEGER |  |
|  | SECOND\_INNINGS\_WICKETS | INTEGER |  |
|  | SECOND\_INNINGS\_EXTRAS | INTEGER |  |
|  | MATCH\_WINNER | TEXT | TEAM NAME |
|  | BATTING\_FIRST | TEXT | TEAM NAME |
|  | BATTING\_SECOND | TEXT | TEAM NAME |

1. RUNS

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **RUNS** |  |  |  |
|  | RUNS\_ID | INTEGER |  |
|  | MATCH\_ID | INTEGER | Foreign key from **MATCHES** table |
|  | SQUAD\_ID | INTEGER | Foreign key from **SQUAD** table |
|  | SQUAD\_NAME | TEXT |  |
|  | PLAYER\_ID | INTEGER | Foreign key from **PLAYERS** table |
|  | PLAYER\_NAME | TEXT |  |
|  | BATTER\_RUNS | INTEGER |  |
|  | BATTER\_BALLS | INTEGER |  |
|  | NO\_OF\_FOURS | INTEGER |  |
|  | NO\_OF\_SIXES | INTEGER |  |
|  | BOWLER\_OVERS | INTEGER |  |
|  | BALLS\_IN\_OVER | INTEGER |  |
|  | BOWLER\_RUNS | INTEGER |  |
|  | MAIDEN\_OVERS | INTEGER |  |
|  | BOWLER\_WICKETS | INTEGER |  |
|  | EXTRAS | INTEGER |  |
|  | BATTING\_STATUS | TEXT | Out, Not Out, , |

1. OVERS

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column Name** | **Datatype(size)** | **Comment** |
| **OVERS** |  |  |  |
|  | OVER\_ID | INTEGER |  |
|  | MATCH\_ID | INTEGER | Foreign key from **MATCHES** table |
|  | PLAYER\_ID | INTEGER | Foreign key from **PLAYERS** table |
|  | PLAYER\_NAME | TEXT |  |
|  | SQUAD\_ID | INTEGER | Foreign key from **SQUAD** table |
|  | SQUAD\_NAME | TEXT |  |
|  | OVER\_NUMBER | INTEGER | Over number |
|  | BALL | INTEGER | 1, 2, 3, 4, 5, 6, …. |
|  | RUNS | INTEGER | No of runs scored on particular ball |
|  | EXTRA\_RUN | TEXT | WD, NB |
|  | WICKET | TEXT | W |
|  | INNING\_NUMBER | INTEGER | First inning, second inning |