## Data Repository Blueprint UTSAV

The database will consist of tables for the two modules: registration and records. There will be a separate table for each event for the records module and 2 tables (1 for individual registration and other for team registration) for the registration module.

The detailed structure of database is shown below:

## Tables:

Currently, there will be a total of 13 tables, which are:

- 1. athletics
- 2. badminton
- 3. basketball
- 4. carrom
- 5. chess
- 6. cricket
- 7. football
- 8. individual\_reg
- 9. kabaddi
- 10. khokho
- 11.table tennis
- 12.team\_reg
- 13. volleyball

```
MariaDB [utsav]> show tables;
 Tables in utsav
  athletics
  badminton
  basketball
  carrom
  chess
  cricket
  football
  individual reg
  kabaddi
  khokho
  table tennis
  team reg
 volleyball
13 rows in set (0.001 sec)
```

## **Description of each tables:**

There will be two tables for the registration module.

- 1. "individual\_reg" table is for individual events like chess, table tennis, athletics, etc.
- 2. "team\_reg" table is for team events like cricket, football, volleyball, etc.

MariaDB [utsav	v]> desc indivi	.dual_re	eg;		
Field	Type	Null	Key	Default	Extra
p_id   year   name   event_name   course   mobile   email	int(4)   year(4)   varchar(30)     varchar(20)     varchar(30)     varchar(10)     varchar(30)	NO   NO   NO   NO   NO   YES	PRI	NULL   NULL   NULL   NULL   NULL   NULL   NULL   NULL	
	( <b>0.002 sec)</b> v]> desc team_r	eg;	-+	-+	+
Field	Type	Null	.   Key	Default	:   Extra
t_id   year   team_name   captain   vice_captain   event_name   mobile   email	int(4)   year(4)   varchar(30)   varchar(30)   varchar(20)   varchar(10)   varchar(30)	NO   YES   NO   NO	PRI	NULL   NULL   NULL   NULL   NULL   NULL   NULL	
8 rows in set	(0.002 sec)		-4		

Following are the description of the tables from records module:

```
MariaDB [utsav]> desc athletics;
                            | Null | Key | Default | Extra
  Field
              | Type
  event id
                              NO
                                     PRI |
                                           NULL
               int(4)
               int(4)
                              NO
                                           NULL
 year
              varchar(30)
 event_name
                              NO
                                           NULL
 player_name
               varchar(30)
                              NO
                                           NULL
  position
              | int(2)
                              YES
                                           NULL
5 rows in set (0.002 sec)
```

Field	Type	Null		Default	•
match no	int(4)	NO	PRI	NULL	 
year _	int(4)	NO	į i	NULL	
team1 player1	varchar(30)	NO		NULL	
team1_player2	varchar(30)	NO		NULL	
team2_player1	varchar(30)	NO	į i	NULL	
team2_player2	varchar(30)	NO NO	į į	NULL	
score_team1	int(2)	YES		NULL	
score_team2	int(2)	YES		NULL	
winner	varchar(30)	NO		NULL	

	Type			Default	
	int(4)	NO	PRI	NULL	
year _	int(4)	NO		NULL	İ
team1	varchar(30)	NO I		NULL	i i
team2	varchar(30)	NO I		NULL	i i
score team1	int(3)	YES		NULL	i i
score team2	int(3)	YES		NULL	i i
winner	varchar(30)	i NO i		NULL	i i

```
MariaDB [utsav]> desc carrom;
 Field
                                Null | Key | Default | Extra
                 Type
                  int(4)
                                NO
                                        PRI |
                                              NULL
 match no
                  int(4)
                                NO
                                              NULL
 year
                                NO
 team1 player1 |
                  varchar(30)
                                              NULL
 team1_player2
                  varchar(30)
                                NO
                                              NULL
                  varchar(30)
                                NO
                                              NULL
 team2 player1 |
 team2 player2
                  varchar(30)
                                NO
                                              NULL
                  int(2)
                                YES
                                              NULL
 score_team1
 score team2
                  int(2)
                                YES
                                              NULL
                  varchar(30) | NO
                                              NULL
 winner
9 rows in set (0.002 sec)
```

```
MariaDB [utsav]> desc chess;
 Field
           Type
                          | Null | Key | Default | Extra
 match no | int(4)
                           NO
                                   PRI |
                                         NULL
             int(4)
                            NO
                                         NULL
 year
             varchar(30)
                           NO
                                         NULL
 player1
             varchar(30)
                           NO
                                         NULL
 player2
  score pl
             int(3)
                            YES
                                         NULL
  score p2
             int(3)
                           YES
                                         NULL
  winner
             varchar(30)
                          l NO
                                         NULL
 rows in set (0.002 sec)
```

ield	Type	Null	Key	Default	Extra
match_no	int(4)	NO	PRI	NULL	
year _	int(4)	NO NO		NULL	
team1	varchar(30)	NO		NULL	
team2	varchar(30)	NO		NULL	i
score team1	int(3)	YES		NULL	Ì
score team2	int(3)	YES		NULL	
winner	varchar(30)	i NO		NULL	Ì

```
MariaDB [utsav]> desc football;
       | Type | Null | Key | Default | Extra |
 Field
              | int(4)
                           NO
                                    PRI | NULL
 match no
              | int(4)
                             NO
 year
                                          NULL
              varchar(30)
                                          NULL
 team1
                             NO
 team2 | varchar(30)
score_team1 | int(3)
                           l NO
                                          NULL
 team2
                             YES
                                          NULL
 score_team2 | int(3)
                           | YES
                                         NULL
              | varchar(30) | NO
                                         NULL
 winner
 rows in set (0.002 sec)
```

Field	Type	Null	Key	Default	Extra
match no	int(4)	NO	PRI	NULL	
year _	int(4)	NO	i i	NULL	į           i
team1	varchar(30)	NO	i i	NULL	İ
team2	varchar(30)	NO	i i	NULL	į
score team1	int(3)	YES	i i	NULL	j i
score team2	int(3)	YES	i i	NULL	į
winner	varchar(30)	NO	i i	NULL	j i

Field	+ Type	+ Null		Default	
year	int(4) int(4) int(4) varchar(30)   varchar(30)   int(3)   varchar(30)	NO   NO   NO   NO   YES   YES   NO	PRI	NULL NULL NULL NULL NULL NULL NULL	

```
MariaDB [utsav]> desc table tennis;
 Field
           Type
                         | Null | Key | Default | Extra
 match no | int(4)
                           NO
                                  PRI |
                                        NULL
             int(4)
                           NO
                                        NULL
 year
 player1
            varchar(30)
                           NO
                                        NULL
            varchar(30)
                           NO
                                        NULL
 player2
 score p1 | int(3)
                           YES
                                        NULL
 score p2 | int(3)
                           YES
                                        NULL
           | varchar(30)
 winner
                          NO
                                        NULL
7 rows in set (0.002 sec)
```

```
MariaDB [utsav]> desc volleyball;
 Field
                            | Null | Key | Default | Extra
             | Type
               int(4)
                                     PRI |
                                          NULL
 match no
                              NO
               int(4)
                              NO
                                           NULL
 year
                              NO
 team1
               varchar(30)
                                           NULL
 team2
              | varchar(30)
                              NO
                                           NULL
 score team1 | int(3)
                              YES
                                           NULL
 score team2 | int(3)
                              YES
                                           NULL
              | varchar(30)
 winner
                            I NO
                                           NULL
7 rows in set (0.002 sec)
```