**TABLE DESIGN**

**Table Name: Manager**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Manager\_id | Integer Field | Primary Key |
| Name | CharField | Not null |
| Mail ID | CharField | Not null |
| Address | CharField | Not null |
| Phone | Integer Field | Not null |
| Password | Password | Not null |

**Table Name: Team**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Team\_Id | Integer Field | Primary Key |
| Team\_Name | CharField | Not null |
| Manager\_id | Integer Field | Foreign key(Manager) |
| Username | CharField | Not null |
| Address | CharField | Not null |
| Phone | Integer Field | Not null |

**Table Name: Players**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Player\_id | Integer Field | Primary Key |
| Player\_name | CharField | Not null |
| Team\_id | Integer Field | Foreign key (Team) |
| Age | Integer Field | Not null |
| Position | CharField | Not null |
| Contact | Integer Field | Not null |

**Table Name: Player History**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Player\_history\_id | Integer Field | Primary Key |
| Player\_id | Integer Field | Foreign key (Player) |
| Team\_id | Integer Field | Foreign key (Team) |
| From\_date | Date Field | Not null |
| Leaving\_date | Date Field | Not null |
| Status | Char Field | Not null |

**Table Name: Manager History**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Manager\_hisory\_id | Integer Field | Primary Key |
| Team\_id | Integer Field | Foreign key(Team) |
| Manager\_id | Integer Field | Foreign key(Manager) |
| Joining Date | Date Field | Not null |
| Leaving Date | Date Field | Not null |
| Status | Char Field | Not null |

**Table Name: Different Tournaments**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Tournment\_id | Integer Field | Primary Key |
| Tournment\_name | Char Field | Not null |
| Venue | Char Field | Not null |
| From\_date | Date Field | Not null |
| End\_date | Date Field | Not null |
| Status | Char Field | Not null |

**Table Name: Tournament Registration**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Tournment\_registration\_id | Integer Field | Primary Key |
| Tournment\_id | Integer Field | Foreign key(Tournmants) |
| Team\_id | Integer Field | Foreign key(Team) |

**Table Name: Tournament Matches**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Match\_id | Integer Field | Primary Key |
| Tournament\_id | Integer Field | Foreign key(Tournaments) |
| Date | Date Field | Not null |
| Match\_Name | Char Field | Not null |
| Time | Date Field | Not null |
| Team 1\_id | Integer Field | Foreign key(Team) |
| Team2 \_id | Integer Field | Foreign key(Team) |
| Status | Integer Field | Not null |

**Table Name: Goals**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Goal\_id | Integer Field | Primary Key |
| Tournament\_id | Integer Field | Foreign key(Tournaments) |
| Match\_id | Integer Field | Foreign key(Match) |
| Scored\_player\_id | Integer Field | Foreign key(Player) |
| Assist\_player\_id | Integer Field | Foreign key(Player) |
| Time | Date Time field | Not Null |
| Team\_id | Integer Field | Foreign key(Team) |
| Against\_team\_id | Integer Field | Foreign key(Team) |

**Table Name: Results**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Result\_id | Integer Field | Primary key |
| Tournament\_id | Integer Field | Foreign key(Tournament) |
| Match\_id | Integer Field | Foreign key(Match) |
| Result | Char Field | Not null |
| score | Integer Field | Not Null |

**Table Name : Saves**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Saves\_id | Integer Field | Primary key |
| Tournament\_id | Integer Field | Foregin\_key(Tournament) |
| Match\_id | Integer Field | Foregin\_key(Match) |
| Player\_id | Integer Field | Foregin\_key(Player) |
| No\_of\_saves | Integer Field | Not Null |
| Team\_id | Integer Field | Foregin\_key(Team) |

**Table Name: Point Table**

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Constraint |
| Point\_id | Integer Field | Primary key |
| Tournament\_id | Integer Field | Foregin\_key(Tournament) |
| Team\_id | Integer Field | Foregin\_key(Team) |
| Match\_count | Integer Field | Foregin\_key(Match) |
| total | Integer Field | Foregin\_key(Result) |