

# TEST SUITE for Cricket Tournament Management System

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## 1) CreateNewTournament():

### Input:

(<TournamentName>, <NumberOfTeams>, <NumberOfOvers>)

- **Case 1:** Tournament name matches with a previous tournament's name

```
Error Message("Tournament with the name $
{TournamentName} already exists, enter a different
name")
```

- **Case 2:** Number of teams is less than 3 or greater than 20

```
Error Message("Number of teams ${NumberOfTeams} is not
allowed, enter the number in range between 3 and 20
both included")
```

- **Case 3:** Number of overs are not entered

- **Output:** Tournament created with default number of  
overs = 20

- **Case 4:** Number of overs entered is not positive

```
Error Message("Number of overs ${NumberOfOvers} is not
allowed, enter a valid positive number")
```

- **Case 5:** The above cases were passed

```
Display Message("Tournament ${TournamentName} is
successfully created")
```

## 2) ViewTournamentsList():

- **Case 1:** There are no tournaments created yet

```
Display Message("There are no previous tournaments,
click to create a new tournament")
```

- **Case 2:** There are previous tournaments created

Output: The system displays a list of tournaments created by the user

### 3) ViewTournamentStats(Tournament):

Click on one of the tournaments in the displayed list of tournaments.

**---Tournament statistics of KPL---**

**Name:** KPL (Kharagpur Premiere League)

**Number of teams:** 6

**Number of overs per innings:** 20

**Top 5 wicket takers:**

1. Eduardo
2. Bradyn
3. Reuben
4. Kareem
5. Bronson

**Top 5 runs scorers:**

1. Hudson
2. Zackary
3. Tyree
4. Waylon
5. Kash

**List of teams:**

1. Titans
2. Strikers
3. Kings
4. Challengers
5. Royals
6. Sharks

**List of matches:**

1. Titans vs Challengers
2. Strikers vs Royals
3. Kings vs Sharks
4. Titans vs Strikers
5. Kings vs Challengers
6. Sharks vs Royals
7. Titans vs Kings
8. Sharks vs Strikers
9. Royals vs Challengers
10. Titans vs Sharks

11. Royals vs Kings
12. Challengers vs Strikers
13. Titans vs Royals
14. Challengers vs Sharks
15. Strikers vs Kings

**Winner:** Kings

**Runner up:** Royals

**Second runner up:** Sharks

#### 4) ViewMatchStats(Sharks vs Strikers):

Click on one of the matches in the displayed list of matches in the selected tournament.

##### ---Match statistics of Sharks vs Strikers---

**Teams:** Sharks, Strikers

**Winner:** Sharks

**Player of the match:** Tori

**Top run scorer:** Desmond

**Top wicket taker:** Bradyn

#### 5) ViewTeamStats(Royals):

Click on the team from the points list in the tournament or from the match in which the team played

##### ---Team statistics of Royals---

**Name:** Royals

**List of players:**

1. Araceli
2. Jessie
3. Marley
4. Jayla
5. Alexia
6. Timothy
7. Justin
8. Destinee
9. Lilah
10. Breanna
11. Carolyn

**Captain:** Alexia  
**Number of wins-loses:** 3-2  
**Highest wickets taker:** Lilah  
**Highest runs scorer:** Marley  
**Last 5 matches result:** W L L W W

## 6) ViewPlayerStats(Player):

**Input:** Click on the player from the list of players  
displayed in the team window

**Output:**

---Player statistics of Quentin---

**Name:** Quentin  
**Age:** 23  
**Left handed**  
**Role:** Bowler  
**Bowling-type:** Spin bowler  
**Overs bowled:** 20  
**Team:** Strikers  
**Wickets:** 15  
**Economy:** 7.25