**A picture containing calendar

Description automatically generatedOutput:**

# **Name : Rajkumar B L**

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# **Course : MCS 272 Mobile Application**

# **(Lab 16 – Raju Score Board)**

Icon

Description automatically generatedGraphical user interface, application

Description automatically generated1. App Icon 2. Splash Screen



3. Welcome Screen 4. Enter the match name

Text, application, letter

Description automatically generatedGraphical user interface, text, application

Description automatically generated

Clicking on **Letsplay** option in the above screen will create the appropriate new match entry in the **matches** table of **rsb** database.

**Database connection code:-**

Text

Description automatically generated

**Insert entry into database:-**

Graphical user interface, text, application

Description automatically generated

**Graphical user interface, application

Description automatically generatedDatabase:-**

5. Fetching details from database

Graphical user interface, application

Description automatically generated

6. Setup match “Test3”

Graphical user interface, application

Description automatically generated

7. Fetch Player Details

Table

Description automatically generated with medium confidence

8. Player List - 01 9. Player List - 02

Text

Description automatically generatedText

Description automatically generated with medium confidence

**Graphical user interface, text, application

Description automatically generated**

10. Player 1 Score Board - 01 11. Player 1 Score Board - 02

A picture containing application

Description automatically generatedA picture containing application

Description automatically generated

Clicking on **Hitme** option will randomly generate a score from (wicket,run1,run2,run3,run4,run6) and appropriate action like updating team score, updating player score and updating match score in the database will be triggered.

**Update score in the database code:-**

**Graphical user interface, text

Description automatically generated**

**A picture containing graphical user interface

Description automatically generatedA picture containing application

Description automatically generated**12. Player 1 Score Board - 03 **13. Score Reflection in the table:-**

Graphical user interface, application, chat or text message

Description automatically generated

14. Player 1 Score Board - 04 15. Choosing next batsman

Text

Description automatically generatedGraphical user interface

Description automatically generated with medium confidence

Clicking on **Okay** option will take back to the updated player list where the user can select the next batsman.

16. Player 2 Score Board - 01 17. Player 2 Score Board - 02

A screenshot of a computer

Description automatically generated with low confidenceA picture containing text, screenshot

Description automatically generated

Here the team score is carried from the previous batsman and new score is set for the new batsman and updated accrdinly.

18. Player 2 Score Board - 03 19. Player 2 Score Board - 04

Graphical user interface

Description automatically generated with medium confidenceA screenshot of a computer screen

Description automatically generated with low confidence

Clicking on **Okay** option will take back to the updated player list where the user can select the next batsman and this procedure follows until all players get out.

20. Selecting n-th batsman 21. Player n Score Board - 01

A picture containing whiteboard

Description automatically generatedText

Description automatically generated with medium confidence

Text

Description automatically generated with medium confidence22. Player n Score Board - 02 23. Exit after all players are out

Graphical user interface, application, chat or text message

Description automatically generated

Graphical user interface, application

Description automatically generated

The pic to the left shows the updation of match score after player n ending his batting. Exit from the player list activity after all players have been outed and also exit from the game.

24. Exit the game or start a new match

**Graphical user interface, text, application

Description automatically generated**

**All necessary coding and video documents needed for this lab has been attached below for reference.**