DIGITAL ASSIGNMENT

CSE1007 – Java Programming

SLOT C2+TC2

Submitted By

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VIT CRICKET LEAGUE MANAGEMENT SYSTEM –v1

1.ABSTRACT

Cricket league has been a very famous tournament in Vellore institute of technology and many other. Being a part of VIT cricket tournament that has been conducted every year fall semester there has never been a proper maintenance of players played in that tournament and also the teams that have participated in that tournament. The following application will provide a application that can maintain record of players playing in each year of the tournament and also list of teams that has participated in the tournament.

2.AIM AND OBJECT OF THE PROJECT

This Java app provides an interface for VIT administration to maintain a list of record of teams and also players participating in that tournament and also maintain a list of players who have been removed from the tournament for malpractice and other reasons. The application looks to provide details of teams and also their coach. The application looks provides a direct interface that can be used to see the updating of database. The overall application helps in creating a smooth interface to keep track of a multi-collage tournament.

3.INTRODUCTION

Cricket tournaments are very common in and around collages in India. But most of the collage leagues don't maintain proper record of tournament that happen in their collage and hence these tournaments are considered as normal street matches and sometimes things get out of hand in this kind of tournaments. Sometimes the recorders of students are also not maintained who play in this tournament. Hence it will be really important to organize a tournament with proper documentation.

- The given application is a level1 application which helps in maintaining record of all teams and also students who are participating in this tournament.
- The main application is assigning players to each team in the tournament and also removing player in that team with proper reason.
- The application provides statistics of all players playing in that tournament and also provides and option of maintaining records of players playing in that tournament.

4.PROJECT SPECIFICICATIONS

4.1) HARDWARE SEPCIFICATIONS

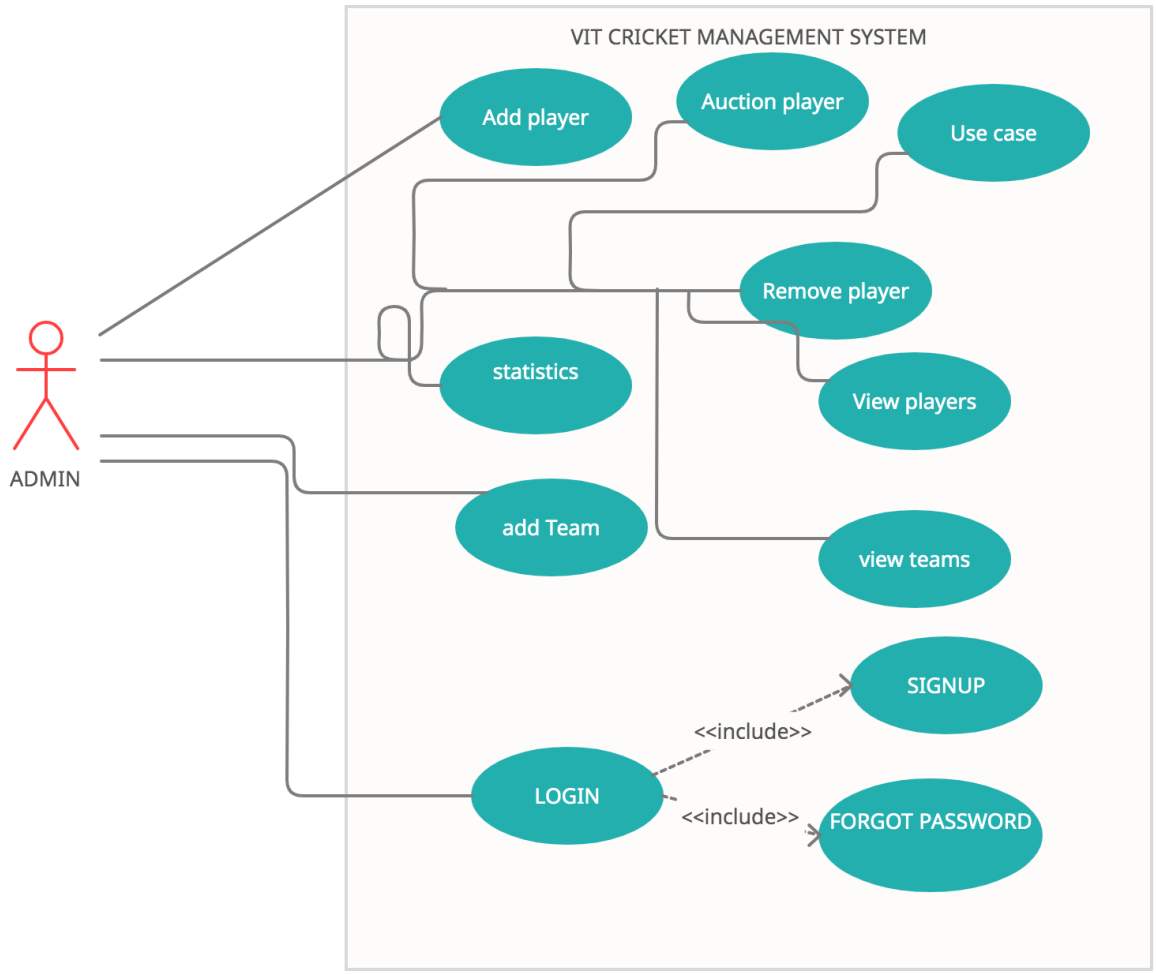
The laptop is a octa-core Intel, PowerPC G7. Requires a minimum if 40MB RAM. 1GB of free disk space is recommended for all necessary downloads including Java swing, JDBC connection and other libraries.

4.2) SOFTWARE SPECIFICATIONS

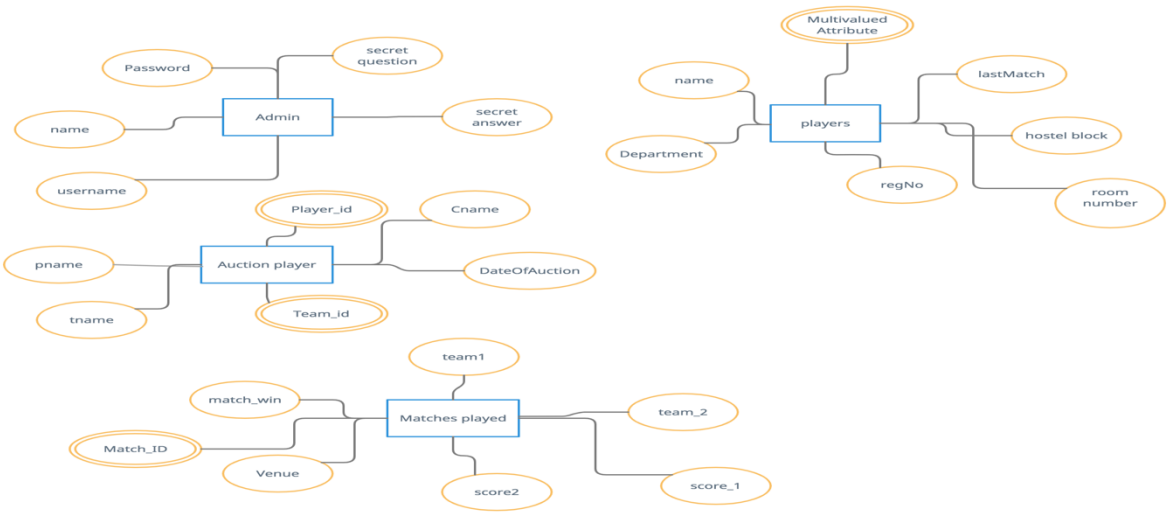
Being a Java Application the tool runs on all operating systems and is truly cross-platform capable. MacOS/Linux/Windows are all compatible as long as they have the Java 14+ SDK and Open SDK installed with them. Also a local MySQL database installed natively or with some other package installer.

5.ARCHITECTURE DIAGRAMS

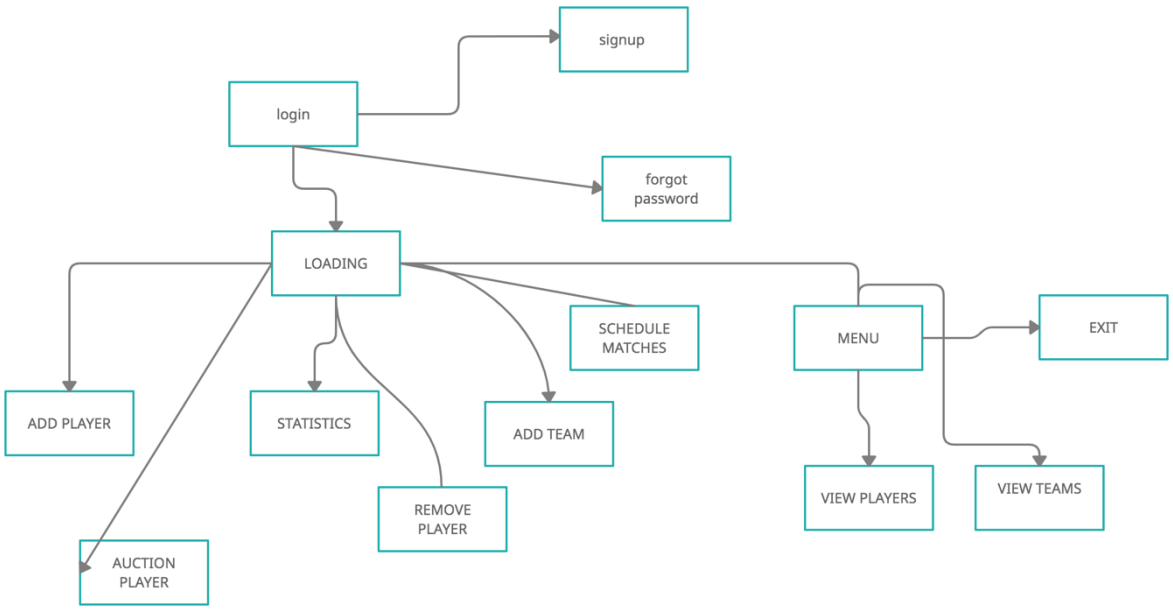
5.1) Use case diagram



5.2) Short ER diagram


Password
secret question
name
Admin
secret answer
username
Multivalued Attribute
name
lastMatch
players
Department
hostel block
regNo
room number
Player_id
Cname
pname
Auction player
DateOfAuction
tname
Team_id
team1
match_win
Matches played
team_2
Match_ID
Venue
score2
score_1

5.3) Pages


signup
login
forgot password
LOADING
SCHEDULE MATCHES
MENU
EXIT
ADD PLAYER
STATISTICS
ADD TEAM
REMOVE PLAYER
VIEW PLAYERS
VIEW TEAMS
AUCTION PLAYER

6.MODULES IN THE PROJECT(14 frames)

1) **About Me**: Provides a small description of the version of the project and also the creator of the project.

2) **Add Players**: Is a page where the students can register their details and register for the tournament.

3) **Add Team**: Is a page where new teams from VIT can register and participate in the tournament.

4) **Auction Player:** Is a page that assigns players to their team based on auction and based on request of players.

5) **Forgot Password:** Helps to recover password using secret question and secret key.

6) **Home Page:** Contains the main landing page after login of user and provides navigation to all the functionalities.

7) **Loading:** It's a page that comes after successful login which provides a loading in a graphical format. On successful completion it is redirected to the home page.

8) **Login Page:** Page where the admin can provide user name and password for using the functionality of the website. It also provides options for signup and also recovering password.

9) **Player Details:** Provides list of players playing in the tournament and also search option for players based on ID and name and it also provides option of removing player from database.

10) **Remove Players:** Helps in removing player from the team and also helps in cleaning auction player list so that the player can be removed from the team and also the player can be auctioned to another team.

11) **Schedule Matches:** It helps in keeping record of completed matches and keeps score of teams and also the team that won the match.

12) **Sign Up:** Helps for new admin to register so that they can use this application.

13) **Statistics:** Provides list of players playing in this tournament and also list of matches completed in the tournament.

14) **Team Details:** Provides option of viewing teams and also searching teams based on their team ID and also name of the team. There is also an option of removing the team from the database.

7.EXPERIMENTAL ANALYSIS

full code available on :
https://github.com/SAHARIPRASAD-2907/VIT_CRICKET_LEAGUE_JAVASWING

7.1CODING

main.java

```
package com.javaDA;

import javax.swing.*;

public class Main {

    public static void main(String[] args) {
   // write your code here
        new loginUsers().setVisible(true);

    }
}
```

AboutMe.java

```
package com.javaDA;

import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;

public class AboutMe extends JFrame{
    private JPanel contentPane;


    public AboutMe(){
        super("About Us - Code for Interview");

setIconImage(Toolkit.getDefaultToolkit().getImage("C:\\Users\\ram\\Desktop\\rohit.jpg"));
        setBackground(new Color(173, 216, 230));
        setBounds(500, 250, 700, 500);

        contentPane = new JPanel();
        setContentPane(contentPane);
        contentPane.setLayout(null);
```

```
        JLabel l3 = new JLabel("VIT Cricket");
        l3.setForeground(new Color(0, 250, 154));
        l3.setFont(new Font("Trebuchet MS", Font.BOLD | Font.ITALIC, 34));
        l3.setBounds(160, 40, 250, 55);
        contentPane.add(l3);

        JLabel l4 = new JLabel("League management");
        l4.setForeground(new Color(127, 255, 0));
        l4.setFont(new Font("Trebuchet MS", Font.BOLD | Font.ITALIC, 34));
        l4.setBounds(70, 90, 405, 40);
        contentPane.add(l4);




        JLabel l6 = new JLabel("Developed By : S A HARIPRASD");
        l6.setFont(new Font("Trebuchet MS", Font.BOLD, 30));
        l6.setBounds(70, 198, 600, 35);
        contentPane.add(l6);

        JLabel l7 = new JLabel("REG NO : 18BCE0686");
        l7.setFont(new Font("Trebuchet MS", Font.BOLD, 20));
        l7.setBounds(70, 260, 600, 34);
        contentPane.add(l7);

        JLabel l8 = new JLabel("SLOT-C2");
        l8.setFont(new Font("Trebuchet MS", Font.BOLD, 20));
        l8.setBounds(70, 290, 600, 34);
        contentPane.add(l8);

        contentPane.setBackground(Color.WHITE);
    }
}
```

AddPlayer.java

```
package com.javaDA;

import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;
import java.awt.event.*;
import java.sql.*;
import java.util.*;

public class AddPlayer extends JFrame implements ActionListener{
    private JPanel contentpane;
    private JTextField t1,t2,t3,t4,t5,t6;
    private JButton b1,b2;
    JComboBox comboBox;

    public void random() {
```

```
    Random rd = new Random();
    t1.setText("" + rd.nextInt(1000 + 1));
}



public AddPlayer(){
    setBounds(600, 200, 518, 442);
    contentpane = new JPanel();
    contentpane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentpane);
    contentpane.setLayout(null);

    JLabel l1 = new JLabel("Name");
    l1.setForeground(new Color(47, 79, 79));
    l1.setFont(new Font("Tahoma", Font.BOLD, 14));
    l1.setBounds(73, 84, 90, 22);
    contentpane.add(l1);

    JLabel l2 = new JLabel("Department");
    l2.setForeground(new Color(47, 79, 79));
    l2.setFont(new Font("Tahoma", Font.BOLD, 14));
    l2.setBounds(73, 117, 90, 22);
    contentpane.add(l2);

    JLabel l3 = new JLabel("RegNumber");
    l3.setForeground(new Color(47, 79, 79));
    l3.setFont(new Font("Tahoma", Font.BOLD, 14));
    l3.setBounds(73, 150, 90, 22);
    contentpane.add(l3);

    JLabel l4 = new JLabel("Hostel Block");
    l4.setForeground(new Color(47, 79, 79));
    l4.setFont(new Font("Tahoma", Font.BOLD, 14));
    l4.setBounds(73, 216, 90, 22);
    contentpane.add(l4);

    JLabel l5 = new JLabel("RoomNum");
    l5.setForeground(new Color(47, 79, 79));
    l5.setFont(new Font("Tahoma", Font.BOLD, 14));
    l5.setBounds(73, 249, 90, 22);
    contentpane.add(l5);

    JLabel l6 = new JLabel("PlayerId");
    l6.setForeground(new Color(47, 79, 79));
    l6.setFont(new Font("Tahoma", Font.BOLD, 14));
    l6.setBounds(73, 51, 90, 22);
    contentpane.add(l6);

    JLabel l7 = new JLabel("LastMatch ");
```

```
l7.setForeground(new Color(47, 79, 79));
l7.setFont(new Font("Tahoma", Font.BOLD, 14));
l7.setBounds(73, 183, 90, 22);
contentpane.add(l7);

t1 = new JTextField();
t1.setForeground(new Color(47, 79, 79));
t1.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t1.setBounds(169, 54, 198, 20);
contentpane.add(t1);
t1.setColumns(10);

t2 = new JTextField();
t2.setForeground(new Color(47, 79, 79));
t2.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t2.setColumns(10);
t2.setBounds(169, 87, 198, 20);
contentpane.add(t2);

t3 = new JTextField();
t3.setForeground(new Color(47, 79, 79));
t3.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t3.setColumns(10);
t3.setBounds(169, 120, 198, 20);
contentpane.add(t3);

t4 = new JTextField();
t4.setForeground(new Color(47, 79, 79));
t4.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t4.setColumns(10);
t4.setBounds(169, 153, 198, 20);
contentpane.add(t4);

t5 = new JTextField();
t5.setForeground(new Color(47, 79, 79));
t5.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t5.setColumns(10);
t5.setBounds(169, 219, 198, 20);
contentpane.add(t5);

t6 = new JTextField();
t6.setForeground(new Color(47, 79, 79));
t6.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t6.setColumns(10);
t6.setBounds(169, 252, 198, 20);
contentpane.add(t6);

comboBox = new JComboBox();
comboBox.setModel(new DefaultComboBoxModel(new String[] { "school"
      , "Collage", "seniorGrade", "stateLevel", "None" }));
```

```
        comboBox.setBounds(173, 186, 194, 20);
        contentpane.add(comboBox);

        b1 = new JButton("Add");
        b1.addActionListener(this);
        b1.setBorder(new CompoundBorder(new LineBorder(new Color(128, 128, 128)), null));
        b1.setFont(new Font("Trebuchet MS", Font.BOLD, 15));
        b1.setBounds(102, 300, 100, 33);
        b1.setBackground(Color.BLACK);
        b1.setForeground(Color.GREEN);
        contentpane.add(b1);

        b2 = new JButton("Back");
        b2.addActionListener(this);
        b2.setBorder(new CompoundBorder(new LineBorder(new Color(105, 105, 105)), null));
        b2.setFont(new Font("Trebuchet MS", Font.BOLD, 15));
        b2.setBounds(212, 300, 108, 33);
        b2.setBackground(Color.BLACK);
        b2.setForeground(Color.BLACK);
        contentpane.add(b2);

        JPanel panel = new JPanel();
        panel.setBorder(new TitledBorder(new LineBorder(new Color(138, 43, 226), 2), "Add
Player", TitledBorder.LEADING,
                TitledBorder.TOP, null, new Color(0, 0, 255)));
        panel.setBounds(10, 29, 398, 344);
        contentpane.add(panel);

        panel.setBackground(Color.WHITE);
        contentpane.setBackground(Color.WHITE);
        random();

    }

    @Override
    public void actionPerformed(ActionEvent e) {
        try {
            conn con = new conn();
            if(e.getSource()==b1){

                String sql = "INSERT INTO
players(player_id,name,department,regno,lastMatch,hostelBloack,roomNo) VALUES
(?,?,?,?,?,?,?)";
                PreparedStatement st = con.c.prepareStatement(sql);
                st.setString(1, t1.getText());
                st.setString(2, t2.getText());
                st.setString(3, t3.getText());
                st.setString(4, t4.getText());
                st.setString(5, (String) comboBox.getSelectedItem());
                st.setString(6, t5.getText());
```

```
            st.setString(7, t6.getText());

            int rs = st.executeUpdate();
            if(rs>0)
               JOptionPane.showMessageDialog(null, "Successfully Added");
            else
               JOptionPane.showMessageDialog(null, "Error");
            t1.setText("");
            t2.setText("");
            t3.setText("");
            t4.setText("");
            t5.setText("");
            t6.setText("");
            st.close();
         }

         if(e.getSource() == b2){
            this.setVisible(false);
            new Home().setVisible(true);
         }
         con.c.close();

      }catch (Exception exception){
         exception.printStackTrace();
      }

   }

}
```

AddTeam.java

```
package com.javaDA;

import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;
import java.awt.event.*;
import java.sql.*;
import java.util.*;

public class AddTeam extends JFrame implements ActionListener{
   private JPanel contentPane;
   private JTextField t1,t2,t3;
   private JComboBox comboBox, comboBox_2, comboBox_3;
   JButton b1,b2;

   public void random() {
      Random rd = new Random();
      t1.setText("" + rd.nextInt(10000 + 1));
   }
```

```
public AddTeam(){
    super("Add Teams");
    setBounds(700, 200, 550, 450);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);

    JLabel l1 = new JLabel("team_id");
    l1.setForeground(new Color(25, 25, 112));
    l1.setFont(new Font("Tahoma", Font.BOLD, 14));
    l1.setBounds(64, 63, 102, 22);
    contentPane.add(l1);

    JLabel l2 = new JLabel("coach name");
    l2.setForeground(new Color(25, 25, 112));
    l2.setFont(new Font("Tahoma", Font.BOLD, 14));
    l2.setBounds(64, 97, 102, 22);
    contentPane.add(l2);

    JLabel l3 = new JLabel("Team Name");
    l3.setForeground(new Color(25, 25, 112));
    l3.setFont(new Font("Tahoma", Font.BOLD, 14));
    l3.setBounds(64, 130, 102, 22);
    contentPane.add(l3);

    JLabel l4 = new JLabel("Last time played");
    l4.setForeground(new Color(25, 25, 112));
    l4.setFont(new Font("Tahoma", Font.BOLD, 14));
    l4.setBounds(64, 209, 102, 22);
    contentPane.add(l4);


    JLabel l6 = new JLabel("current year");
    l6.setForeground(new Color(25, 25, 112));
    l6.setFont(new Font("Tahoma", Font.BOLD, 14));
    l6.setBounds(64, 275, 102, 22);
    contentPane.add(l6);

    t1 = new JTextField();
    t1.setEditable(false);
    t1.setForeground(new Color(47, 79, 79));
    t1.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
    t1.setBounds(174, 66, 156, 20);
    contentPane.add(t1);
    t1.setColumns(10);

    t2 = new JTextField();
    t2.setForeground(new Color(47, 79, 79));
    t2.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
```

```
        t2.setColumns(10);
        t2.setBounds(174, 100, 156, 20);
        contentPane.add(t2);

        t3 = new JTextField();
        t3.setForeground(new Color(47, 79, 79));
        t3.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        t3.setColumns(10);
        t3.setBounds(174, 133, 156, 20);
        contentPane.add(t3);


        comboBox = new JComboBox();
        comboBox.setModel(new DefaultComboBoxModel(new String[] { "2016",
"2017","2018","2019","2020","first-time" }));
        comboBox.setForeground(new Color(47, 79, 79));
        comboBox.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        comboBox.setBounds(176, 211, 154, 20);
        contentPane.add(comboBox);


        comboBox_2 = new JComboBox();
        comboBox_2.setModel(
                new DefaultComboBoxModel(new String[] { "2016",
"2017","2018","2019","2020" }));
        comboBox_2.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        comboBox_2.setForeground(new Color(47, 79, 79));
        comboBox_2.setBounds(176, 277, 154, 20);
        contentPane.add(comboBox_2);

        b1 = new JButton("ADD TEAM");
        b1.addActionListener(this);
        b1.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        b1.setBounds(64, 321, 111, 33);
        b1.setBackground(Color.BLACK);
        b1.setForeground(Color.GREEN);
        contentPane.add(b1);

        b2 = new JButton("Back");
        b2.addActionListener(this);
        b2.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        b2.setBounds(198, 321, 111, 33);
        b2.setBackground(Color.BLACK);
        b2.setForeground(Color.BLACK);
        contentPane.add(b2);

        JLabel l7 = new JLabel("Collage");
        l7.setForeground(new Color(25, 25, 112));
        l7.setFont(new Font("Tahoma", Font.BOLD, 14));
        l7.setBounds(64, 173, 102, 22);
```

```
        contentPane.add(l7);

        comboBox_3 = new JComboBox();
        comboBox_3.setModel(new DefaultComboBoxModel(
                new String[] { "VIT-V", "VIT-C", "VIT-AP", "VIT-B" }));
        comboBox_3.setForeground(new Color(47, 79, 79));
        comboBox_3.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        comboBox_3.setBounds(176, 176, 154, 20);
        contentPane.add(comboBox_3);

        JPanel panel = new JPanel();
        panel.setBorder(new TitledBorder(new LineBorder(new Color(102, 205, 170), 2, true),
"Add-Teams",
                TitledBorder.LEADING, TitledBorder.TOP, null, new Color(30, 144, 255)));
        panel.setBackground(new Color(211, 211, 211));
        panel.setBounds(10, 38, 358, 348);

        contentPane.setBackground(Color.WHITE);
        panel.setBackground(Color.WHITE);

        contentPane.add(panel);
        random();
    }


    @Override
    public void actionPerformed(ActionEvent e) {
        try{
            if(e.getSource()==b1){
                try{
                    conn con = new conn();
                    String sql = "INSERT INTO team(team_id, c_name, team_name, collage_name,
last_time_played, current_year) VALUES (?,?,?,?,?,?)";
                    PreparedStatement st = con.c.prepareStatement(sql);
                    st.setString(1, t1.getText());
                    st.setString(2, t2.getText());
                    st.setString(3, t3.getText());
                    st.setString(4,(String) comboBox_3.getSelectedItem());
                    st.setString(5, (String) comboBox.getSelectedItem());
                    st.setString(6,  (String) comboBox_2.getSelectedItem());
                    System.out.println(sql);

                    int i = st.executeUpdate();
                    if (i > 0){
                        JOptionPane.showMessageDialog(null, "Successfully Added");
                        this.setVisible(false);
                        new Home().setVisible(true);
                    }
                    else
                        JOptionPane.showMessageDialog(null, "error");
```

```
            }catch(Exception ee){
                ee.printStackTrace();
            }
        }
        if(e.getSource()==b2){
            this.setVisible((false));
            new Home().setVisible(true);
        }

    }
    catch (Exception ee){
        System.out.println(ee);
    }
  }
}
```

AuctionPlayer

```
package com.javaDA;

import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;
import com.toedter.calendar.JDateChooser;
import java.awt.event.*;
import java.sql.*;
import java.text.DateFormat;
import java.text.SimpleDateFormat;

public class AuctionPlayer extends JFrame implements ActionListener{
   private JPanel contentPane;
   JDateChooser dateChooser;
   private JTextField t1,t2,t3,t4,t5,t6,t7,t8,t9,t10,t11,t12,t13,t14;
   private JButton b1,b2,b3,b4;



   public AuctionPlayer() {
      setBounds(300, 200, 900, 500);
      contentPane = new JPanel();
      contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
      setContentPane(contentPane);
      contentPane.setBackground(Color.WHITE);
      contentPane.setLayout(null);

      JLabel l1 = new JLabel("Player_id");
      l1.setFont(new Font("Tahoma", Font.BOLD, 14));
      l1.setForeground(new Color(47, 79, 79));
      l1.setBounds(47, 63, 100, 23);
```

```
contentPane.add(l1);

JLabel l2 = new JLabel("Name");
l2.setForeground(new Color(47, 79, 79));
l2.setFont(new Font("Tahoma", Font.BOLD, 14));
l2.setBounds(47, 97, 100, 23);
contentPane.add(l2);

JLabel l3 = new JLabel("department");
l3.setForeground(new Color(47, 79, 79));
l3.setFont(new Font("Tahoma", Font.BOLD, 14));
l3.setBounds(47, 131, 100, 23);
contentPane.add(l3);

JLabel l4 = new JLabel("regNo");
l4.setForeground(new Color(47, 79, 79));
l4.setFont(new Font("Tahoma", Font.BOLD, 14));
l4.setBounds(47, 165, 100, 23);
contentPane.add(l4);

JLabel l5 = new JLabel("LastMatch");
l5.setForeground(new Color(47, 79, 79));
l5.setFont(new Font("Tahoma", Font.BOLD, 14));
l5.setBounds(47, 199, 100, 23);
contentPane.add(l5);

JLabel l6 = new JLabel("HostelBlock");
l6.setForeground(new Color(47, 79, 79));
l6.setFont(new Font("Tahoma", Font.BOLD, 14));
l6.setBounds(47, 233, 100, 23);
contentPane.add(l6);

JLabel l7 = new JLabel("RoomNo");
l7.setForeground(new Color(47, 79, 79));
l7.setFont(new Font("Tahoma", Font.BOLD, 14));
l7.setBounds(47, 267, 100, 23);
contentPane.add(l7);

t1 = new JTextField();
t1.setForeground(new Color(47, 79, 79));
t1.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t1.setBounds(126, 66, 86, 20);
contentPane.add(t1);

b1 = new JButton("Search player");
b1.addActionListener(this);
b1.setBorder(new LineBorder(new Color(192, 192, 192), 1, true));
b1.setBackground(Color.BLACK);
b1.setForeground(Color.BLACK);
b1.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
```

```
b1.setBounds(234, 59, 100, 30);

contentPane.add(b1);

t2 = new JTextField();
t2.setEditable(false);
t2.setForeground(new Color(47, 79, 79));
t2.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t2.setBounds(126, 100, 208, 20);
contentPane.add(t2);
t2.setColumns(10);

t3 = new JTextField();
t3.setEditable(false);
t3.setForeground(new Color(47, 79, 79));
t3.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t3.setColumns(10);
t3.setBounds(126, 131, 208, 20);
contentPane.add(t3);

t4 = new JTextField();
t4.setEditable(false);
t4.setForeground(new Color(47, 79, 79));
t4.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t4.setColumns(10);
t4.setBounds(126, 168, 208, 20);
contentPane.add(t4);

t5 = new JTextField();
t5.setEditable(false);
t5.setForeground(new Color(47, 79, 79));
t5.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t5.setColumns(10);
t5.setBounds(126, 202, 208, 20);
contentPane.add(t5);

t6 = new JTextField();
t6.setEditable(false);
t6.setForeground(new Color(47, 79, 79));
t6.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t6.setColumns(10);
t6.setBounds(126, 236, 208, 20);
contentPane.add(t6);

t7 = new JTextField();
t7.setEditable(false);
t7.setForeground(new Color(47, 79, 79));
t7.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t7.setColumns(10);
t7.setBounds(126, 270, 208, 20);
```

```
        contentPane.add(t7);

        JPanel panel = new JPanel();
        panel.setBorder(new TitledBorder(new LineBorder(new Color(47, 79, 79), 2, true),
"Auction-Player",
                TitledBorder.LEADING, TitledBorder.TOP, null, new Color(34, 139, 34)));
        panel.setFont(new Font("Tahoma", Font.BOLD, 14));
        panel.setBounds(10, 38, 345, 288);
        panel.setBackground(Color.WHITE);
        contentPane.add(panel);

        JLabel l8 = new JLabel("Team_id");
        l8.setForeground(new Color(47, 79, 79));
        l8.setFont(new Font("Tahoma", Font.BOLD, 14));
        l8.setBounds(384, 63, 100, 23);
        contentPane.add(l8);

        JLabel l9 = new JLabel("Coach name");
        l9.setForeground(new Color(47, 79, 79));
        l9.setFont(new Font("Tahoma", Font.BOLD, 14));
        l9.setBounds(384, 103, 100, 23);
        contentPane.add(l9);

        JLabel l10 = new JLabel("Team Name");
        l10.setForeground(new Color(47, 79, 79));
        l10.setFont(new Font("Tahoma", Font.BOLD, 14));
        l10.setBounds(384, 147, 100, 23);
        contentPane.add(l10);

        JLabel l11 = new JLabel("collage name");
        l11.setForeground(new Color(47, 79, 79));
        l11.setFont(new Font("Tahoma", Font.BOLD, 14));
        l11.setBounds(384, 187, 100, 23);
        contentPane.add(l11);

        JLabel l12 = new JLabel("last time played");
        l12.setForeground(new Color(47, 79, 79));
        l12.setFont(new Font("Tahoma", Font.BOLD, 14));
        l12.setBounds(384, 233, 100, 23);
        contentPane.add(l12);

        JLabel l13 = new JLabel("current year");
        l13.setForeground(new Color(47, 79, 79));
        l13.setFont(new Font("Tahoma", Font.BOLD, 14));
        l13.setBounds(384, 284, 100, 23);
        contentPane.add(l13);


        t8 = new JTextField();
        t8.setForeground(new Color(47, 79, 79));
```

```
t8.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t8.setColumns(10);
t8.setBounds(508, 66, 86, 20);
contentPane.add(t8);

b2 = new JButton("Search Team");
b2.addActionListener(this);
b2.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
b2.setBorder(new LineBorder(new Color(192, 192, 192), 1, true));
b2.setBounds(604, 59, 100, 30);
b2.setBackground(Color.BLACK);
b2.setForeground(Color.BLACK);
contentPane.add(b2);

t9 = new JTextField();
t9.setForeground(new Color(47, 79, 79));
t9.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t9.setEditable(false);
t9.setColumns(10);
t9.setBounds(508, 106, 208, 20);
contentPane.add(t9);

t10 = new JTextField();
t10.setForeground(new Color(47, 79, 79));
t10.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t10.setEditable(false);
t10.setColumns(10);
t10.setBounds(508, 150, 208, 20);
contentPane.add(t10);

t11 = new JTextField();
t11.setForeground(new Color(47, 79, 79));
t11.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t11.setEditable(false);
t11.setColumns(10);
t11.setBounds(508, 190, 208, 20);
contentPane.add(t11);

t12 = new JTextField();
t12.setForeground(new Color(47, 79, 79));
t12.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t12.setEditable(false);
t12.setColumns(10);
t12.setBounds(508, 236, 208, 20);
contentPane.add(t12);

t13 = new JTextField();
t13.setForeground(new Color(47, 79, 79));
t13.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
t13.setEditable(false);
```

```
        t13.setColumns(10);
        t13.setBounds(508, 286, 208, 20);
        contentPane.add(t13);


        JPanel panel_1 = new JPanel();
        panel_1.setBorder(new TitledBorder(new LineBorder(new Color(70, 130, 180), 2, true),
"Team-Details",
                TitledBorder.LEADING, TitledBorder.TOP, null, new Color(100, 149, 237)));
        panel_1.setForeground(new Color(0, 100, 0));
        panel_1.setBounds(360, 38, 378, 372);
        panel_1.setBackground(Color.WHITE);
        contentPane.add(panel_1);

        JLabel l15 = new JLabel(" Date of Issue :");
        l15.setForeground(new Color(105, 105, 105));
        l15.setFont(new Font("Trebuchet MS", Font.BOLD, 15));
        l15.setBounds(20, 340, 118, 26);
        contentPane.add(l15);

        dateChooser = new JDateChooser();
        dateChooser.setBorder(new LineBorder(new Color(0, 0, 0), 1, true));
        dateChooser.setForeground(new Color(105, 105, 105));
        dateChooser.setBounds(137, 337, 200, 29);
        contentPane.add(dateChooser);

        b3 = new JButton("Auction Player");
        b3.addActionListener(this);
        b3.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        b3.setBorder(new LineBorder(new Color(192, 192, 192), 1, true));
        b3.setBounds(47, 377, 118, 33);
        b3.setBackground(Color.BLACK);
        b3.setForeground(Color.BLACK);
        contentPane.add(b3);

        b4 = new JButton("Back");
        b4.addActionListener(this);
        b4.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
        b4.setBorder(new LineBorder(new Color(192, 192, 192), 1, true));
        b4.setBounds(199, 377, 100, 33);
        b4.setBackground(Color.BLACK);
        b4.setForeground(Color.BLACK);
        contentPane.add(b4);
    }

    @Override
    public void actionPerformed(ActionEvent e) {
        conn con = new conn();
        if(e.getSource()==b1){
            String sql = "select * from players where player_id=?";
```

```
            try {
                PreparedStatement st = con.c.prepareStatement(sql);
                st.setString(1, t1.getText());
                ResultSet rs = st.executeQuery();
                while (rs.next()) {
                    t2.setText(rs.getString("Name"));
                    t3.setText(rs.getString("department"));
                    t4.setText(rs.getString("regNo"));
                    t5.setText(rs.getString("LastMatch"));
                    t6.setText(rs.getString("hostelBloack"));
                    t7.setText(rs.getString("roomNo"));
                }
                st.close();
                rs.close();
            } catch (SQLException throwables) {
                throwables.printStackTrace();
            }
        }
        if(e.getSource()==b2){
            String sql = "select * from team where team_id=?";
            try {
                PreparedStatement st = con.c.prepareStatement(sql);
                st.setString(1, t8.getText());
                ResultSet rs = st.executeQuery();
                while (rs.next()) {
                    t9.setText(rs.getString("c_name"));
                    t10.setText(rs.getString("team_name"));
                    t11.setText(rs.getString("collage_name"));
                    t12.setText(rs.getString("last_time_played"));
                    t13.setText(rs.getString("current_year"));
                }
                st.close();
                rs.close();
            } catch (SQLException throwables) {
                throwables.printStackTrace();
            }
        }

        if(e.getSource() == b4){
            this.setVisible(false);
            new Home().setVisible(true);
        }

        if(e.getSource() == b3){
            String sql = "insert into
AuctionPlayer(players_id,team_id,pname,tname,cname,dateOfIssue) values(?,?,?,?,?,?)";
            try {
                PreparedStatement st = con.c.prepareStatement(sql);
                st.setString(1,t1.getText());
                st.setString(2,t8.getText());
```

```
            st.setString(3, t2.getText());
            st.setString(4, t10.getText());
            st.setString(5, t9.getText());
            DateFormat dateFormat = new SimpleDateFormat("yyyy/mm/dd");
            st.setString(6, ((JTextField)
dateChooser.getDateEditor().getUiComponent()).getText());
            int i = st.executeUpdate();
            if (i > 0) {
               JOptionPane.showMessageDialog(null, "Successfully assigned Player..!");
               this.setVisible(false);
               new Home().setVisible(true);
            }
            else
               JOptionPane.showMessageDialog(null, "error");



         } catch (SQLException throwables) {
            throwables.printStackTrace();
         }
      }

   }
}
```

conn.java

```
package com.javaDA;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;

public class conn {
   public Connection c;
   public Statement s;
   public conn(){
      try{
          c =
DriverManager.getConnection("jdbc:mysql://localhost:8889/VitCricLeague","root","root");
         s = c.createStatement();
         System.out.println("Connection established");
      } catch (SQLException throwable) {
         throwable.printStackTrace();
      }
   }
}
```

Forgot.java

```
package com.javaDA;

import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;
import java.sql.*;
import java.awt.event.*;

public class Forgot extends JFrame implements ActionListener {

    private JPanel contentPane;
    private JTextField t1,t2,t3,t4,t5;
    private JButton b1,b2,b3;

    public Forgot(){
        setBounds(500, 200, 650, 500);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setBackground(Color.WHITE);
        contentPane.setLayout(null);

        JLabel l1 = new JLabel("Username");
        l1.setFont(new Font("Tahoma", Font.BOLD, 13));
        l1.setBounds(109, 83, 87, 29);
        contentPane.add(l1);

        JLabel l2 = new JLabel("Name");
        l2.setFont(new Font("Tahoma", Font.BOLD, 13));
        l2.setBounds(109, 122, 75, 21);
        contentPane.add(l2);

        JLabel l3 = new JLabel("Your Security Question");
        l3.setFont(new Font("Tahoma", Font.BOLD, 13));
        l3.setBounds(109, 154, 156, 27);
        contentPane.add(l3);

        JLabel l4 = new JLabel("Answer");
        l4.setFont(new Font("Tahoma", Font.BOLD, 13));
        l4.setBounds(109, 192, 104, 21);
        contentPane.add(l4);

        JLabel l5 = new JLabel("Password");
        l5.setFont(new Font("Tahoma", Font.BOLD, 13));
        l5.setBounds(109, 224, 104, 21);
        contentPane.add(l5);

        t1 = new JTextField();
        t1.setFont(new Font("Tahoma", Font.BOLD, 13));
        t1.setForeground(new Color(105, 105, 105));
```

```
t1.setBounds(277, 88, 139, 20);
contentPane.add(t1);
t1.setColumns(10);

t2 = new JTextField();
t2.setEditable(false);
t2.setFont(new Font("Tahoma", Font.BOLD, 13));
t2.setForeground(new Color(165, 42, 42));
t2.setColumns(10);
t2.setBounds(277, 123, 139, 20);
contentPane.add(t2);

t3 = new JTextField();
t3.setEditable(false);
t3.setFont(new Font("Tahoma", Font.BOLD, 12));
t3.setForeground(new Color(72, 61, 139));
t3.setColumns(10);
t3.setBounds(277, 161, 221, 20);
contentPane.add(t3);

t4 = new JTextField();
t4.setFont(new Font("Tahoma", Font.BOLD, 13));
t4.setForeground(new Color(205, 92, 92));
t4.setColumns(10);
t4.setBounds(277, 193, 139, 20);
contentPane.add(t4);

t5 = new JTextField();
t5.setEditable(false);
t5.setFont(new Font("Tahoma", Font.BOLD, 13));
t5.setForeground(new Color(50, 205, 50));
t5.setColumns(10);
t5.setBounds(277, 225, 139, 20);
contentPane.add(t5);

b1 = new JButton("Search");
b1.addActionListener(this);
b1.setFont(new Font("Tahoma", Font.BOLD, 12));
b1.setBounds(428, 83, 80, 29);
b1.setBackground(Color.BLACK);
b1.setForeground(Color.BLACK);
contentPane.add(b1);

b2 = new JButton("Retrieve");
b2.addActionListener(this);
b2.setFont(new Font("Tahoma", Font.BOLD, 12));
b2.setBounds(426, 188, 85, 29);
b2.setBackground(Color.BLACK);
b2.setForeground(Color.BLACK);
contentPane.add(b2);
```

```
        b3 = new JButton("Back");
        b3.addActionListener(this);
        b3.setFont(new Font("Tahoma", Font.BOLD, 13));
        b3.setBounds(233, 270, 101, 29);
        b3.setBackground(Color.BLACK);
        b3.setForeground(Color.BLACK);
        contentPane.add(b3);

        JPanel panel = new JPanel();
        panel.setBorder(new TitledBorder(new LineBorder(new Color(139, 69, 19), 2), "Forgot-
Panel",
                TitledBorder.LEADING, TitledBorder.TOP, null, new Color(178, 34, 34)));
        panel.setBounds(47, 45, 508, 281);
        panel.setBackground(Color.WHITE);
        contentPane.add(panel);


    }
    @Override
    public void actionPerformed(ActionEvent e) {
        try{
            conn con = new conn();
            if(e.getSource() == b1){
                String sql = "select * from admin where username=?";
                PreparedStatement st = con.c.prepareStatement(sql);

                st.setString(1, t1.getText());
                ResultSet rs = st.executeQuery();

                while (rs.next()) {
                    t2.setText(rs.getString("name"));
                    t3.setText(rs.getString("sec_q"));
                }

            }
            if(e.getSource() == b2){
                String sql = "select * from admin where sec_ans=?
                PreparedStatement st = con.c.prepareStatement(sql);

                st.setString(1, t4.getText());
                ResultSet rs = st.executeQuery();

                while (rs.next()) {
                    t5.setText(rs.getString("password"));
                }

            }
            if(e.getSource() == b3){
                this.setVisible(false);
```

```
            new loginUsers().setVisible(true);

          }
       }catch(Exception exception){
          System.out.println(exception);
       }
    }


}
```

Home.java

```
package com.javaDA;

import javax.swing.*;
import javax.swing.border.*;
import java.awt.*;
import java.awt.event.*;

public class Home extends JFrame implements ActionListener{

   private JPanel contentPane;
   private JButton b1,b2,b3,b4,b5,b6;



   public Home(){
      setBounds(400,150,1000,800);
      contentPane = new JPanel();
      setContentPane(contentPane);
      contentPane.setLayout(null);

      JMenuBar menuBar = new JMenuBar();
      menuBar.setBorder(new EtchedBorder(EtchedBorder.LOWERED, new Color(0, 128, 0),
new Color(128, 128, 128)));
      menuBar.setBackground(Color.CYAN);
      menuBar.setBounds(0, 10, 1000, 35);
      contentPane.add(menuBar);

      JMenu mnExit = new JMenu("Exit");
      mnExit.setFont(new Font("Trebuchet MS", Font.BOLD, 17));

      JMenuItem mntmLogout = new JMenuItem("Logout");
      mntmLogout.setBackground(new Color(211, 211, 211));
      mntmLogout.setForeground(new Color(105, 105, 105));
      mntmLogout.addActionListener(this);
      mnExit.add(mntmLogout);

      JMenuItem mntmExit = new JMenuItem("Exit");
      mntmExit.setForeground(new Color(105, 105, 105));
      mntmExit.setBackground(new Color(211, 211, 211));
```

```
mntmExit.addActionListener(this);
mnExit.add(mntmExit);

JMenu mnHelp = new JMenu("Help");
mnHelp.setFont(new Font("Trebuchet MS", Font.BOLD, 17));

JMenuItem mntmReadme = new JMenuItem("AboutMe");
mntmReadme.setBackground(new Color(211, 211, 211));
mntmReadme.setForeground(new Color(105, 105, 105));
mntmReadme.addActionListener(this);
mnHelp.add(mntmReadme);


JMenu mnRecord = new JMenu("Record");
mnRecord.setFont(new Font("Trebuchet MS", Font.BOLD, 17));

JMenuItem playerdetails = new JMenuItem("Player Details");
playerdetails.addActionListener(this);
playerdetails.setBackground(new Color(211, 211, 211));
playerdetails.setForeground(Color.DARK_GRAY);
mnRecord.add(playerdetails);

JMenuItem teamdetails = new JMenuItem("Team Details");
teamdetails.setBackground(new Color(211, 211, 211));
teamdetails.setForeground(Color.DARK_GRAY);
teamdetails.addActionListener(this);
mnRecord.add(teamdetails);

menuBar.add(mnRecord);
menuBar.add(mnHelp);
menuBar.add(mnExit);

JLabel l1 = new JLabel("VIT CLeague2022");
l1.setForeground(new Color(204, 51, 102));
l1.setFont(new Font("Segoe UI Semilight", Font.BOLD, 30));
l1.setBounds(268, 30, 701, 80);
contentPane.add(l1);

JLabel l2 = new JLabel("");
l2.setVerticalAlignment(SwingConstants.TOP);
java.net.URL imageURL1 = Home.class.getResource("icons/addPlayer.png");
ImageIcon i1  = new ImageIcon(imageURL1);
Image i2 = i1.getImage().getScaledInstance(150, 150,Image.SCALE_DEFAULT);
ImageIcon i3 = new ImageIcon(i2);
l2 = new JLabel(i3);
l2.setBounds(60, 140, 159, 152);
contentPane.add(l2);

JLabel l3 = new JLabel("");
java.net.URL imageURL2 = Home.class.getResource("icons/statestics.png");
```

```
        ImageIcon i4  = new ImageIcon(imageURL2);
        Image i5 = i4.getImage().getScaledInstance(200, 200,Image.SCALE_DEFAULT);
        ImageIcon i6 = new ImageIcon(i5);
        l3 = new JLabel(i6);
        l3.setBounds(300, 160, 134, 128);
        contentPane.add(l3);

        JLabel l4 = new JLabel("");
        java.net.URL imageURL3 = Home.class.getResource("icons/team.png");
        ImageIcon i7  = new ImageIcon(imageURL3);
        Image i8 = i7.getImage().getScaledInstance(150, 150,Image.SCALE_DEFAULT);
        ImageIcon i9 = new ImageIcon(i8);
        l4 = new JLabel(i9);
        l4.setBounds(530, 140, 225, 152);
        contentPane.add(l4);

        b1 = new JButton("Add Players");
        b1.addActionListener(this);
        b1.setBackground(Color.BLACK);
        b1.setForeground(Color.BLACK);
        b1.setBounds(60, 320, 159, 44);
        contentPane.add(b1);

        b2 = new JButton("Statistics");
        b2.addActionListener(this);
        b2.setBackground(Color.BLACK);
        b2.setForeground(Color.BLACK);
        b2.setBounds(313, 320, 139, 44);
        contentPane.add(b2);

        b3 = new JButton("Add Teams");
        b3.addActionListener(this);
        b3.setBackground(Color.BLACK);
        b3.setForeground(Color.BLACK);
        b3.setBounds(562, 320, 167, 44);
        contentPane.add(b3);

        JPanel panel = new JPanel();
        panel.setBorder(new TitledBorder(new LineBorder(new Color(250, 128, 114), 2),
"Operation", TitledBorder.LEADING,
                TitledBorder.TOP, null, new Color(220, 20, 60)));
        panel.setBounds(20, 120, 750, 260);
        panel.setBackground(Color.WHITE);
        contentPane.add(panel);

        b4 = new JButton("Auction Player");
        b4.addActionListener(this);
        b4.setBackground(Color.BLACK);
        b4.setForeground(Color.BLACK);
        b4.setBounds(76, 620, 143, 41);
```

```
        contentPane.add(b4);

        b5 = new JButton("Remove Player");
        b5.addActionListener(this);
        b5.setBackground(Color.BLACK);
        b5.setForeground(Color.BLACK);
        b5.setBounds(310, 620, 159, 41);
        contentPane.add(b5);

        b6 = new JButton("Schedule Match");
        b6.addActionListener(this);
        b6.setBackground(Color.BLACK);
        b6.setForeground(Color.BLACK);
        b6.setBounds(562, 620, 159, 41);
        contentPane.add(b6);

        JLabel l5 = new JLabel("");
        java.net.URL imageURL4 = Home.class.getResource("icons/auction.png");
        ImageIcon i10  = new ImageIcon(imageURL4);
        Image i11 = i10.getImage().getScaledInstance(150, 150,Image.SCALE_DEFAULT);
        ImageIcon i12 = new ImageIcon(i11);
        l5 = new JLabel(i12);
        l5.setBounds(60, 440, 159, 163);
        contentPane.add(l5);

        JLabel l6 = new JLabel("");
        java.net.URL imageURL5 = Home.class.getResource("icons/addPlayer.png");
        ImageIcon i13  = new ImageIcon(imageURL5);
        Image i14 = i13.getImage().getScaledInstance(150, 150,Image.SCALE_DEFAULT);
        ImageIcon i15 = new ImageIcon(i14);
        l6 = new JLabel(i15);
        l6.setBounds(332, 440, 139, 152);
        contentPane.add(l6);

        JLabel l7 = new JLabel("");
        java.net.URL imageURL6 = Home.class.getResource("icons/schedule.png");
        ImageIcon i16  = new ImageIcon(imageURL6);
        Image i17 = i16.getImage().getScaledInstance(150, 150,Image.SCALE_DEFAULT);
        ImageIcon i18 = new ImageIcon(i17);
        l7 = new JLabel(i18);
        l7.setBounds(562, 440, 157, 152);
        contentPane.add(l7);

        JPanel panel2 = new JPanel();
        panel2.setBorder(new TitledBorder(new LineBorder(new Color(205, 133, 63), 2),
"Action", TitledBorder.LEADING,
                TitledBorder.TOP, null, new Color(233, 150, 122)));
        panel2.setBounds(20, 420, 750, 270);
        panel2.setBackground(Color.WHITE);
        contentPane.add(panel2);
```

```
    getContentPane().setBackground(Color.WHITE);
    contentPane.setBackground(Color.WHITE);


}

@Override
public void actionPerformed(ActionEvent e) {
    String msg = e.getActionCommand();

    if(msg.equals("Logout")){
        System.out.println(msg);
        setVisible(false);
        new loginUsers().setVisible(true);
    }else if(msg.equals("Exit")){
        System.exit(ABORT);
    }else if(msg.equals("Player Details")){
        System.out.println(msg);
        setVisible(false);
        new playerDetails().setVisible(true);
    }else if(msg.equals("Team Details")){
        System.out.println(msg);
        setVisible(false);
        new teamDetails().setVisible(true);
    }else if(msg.equals("AboutMe")){
        System.out.println(msg);
        setVisible(false);
        new AboutMe().setVisible(true);
    }
    else{
        System.out.println("Select correct option ");
    }
    if(e.getSource()==b1){
        this.setVisible(false);
        new AddPlayer().setVisible(true);
    }
    if(e.getSource()==b2){
        this.setVisible(false);
        new statistics().setVisible(true);
    }
    if(e.getSource()==b3){
        this.setVisible(false);
        new AddTeam().setVisible(true);
    }
    if(e.getSource()==b4){
        this.setVisible(false);
        new AuctionPlayer().setVisible(true);
    }
    if(e.getSource()==b5){
```

```
            this.setVisible(false);
            new RemovePlayer().setVisible(true);
        }
        if(e.getSource()==b6){
            this.setVisible(false);
            new ScheduleMatch().setVisible(true);
        }

    }

}
```

LoginUsers.java

```
package com.javaDA;

import java.awt.*;
import javax.swing.*;
import java.awt.event.*;
import java.sql.*;


public class loginUsers extends JFrame implements ActionListener{
    private JPanel pannel;
    private JTextField userName;
    private JPasswordField passwordField;
    private JButton b1,b2,b3;

    public loginUsers() {

        setBackground(new Color(169,169,169));
        setBounds(600,300,600,400);


        pannel = new JPanel();
        pannel.setBackground(new Color(176, 224, 230));
        setContentPane(pannel);
        pannel.setLayout(null);

        JLabel l = new JLabel("");


        JLabel l1 = new JLabel("Username: ");
        l1.setBounds(124,89,95,24);
        pannel.add(l1);


        userName = new JTextField();
        userName.setBounds(210, 93, 157, 20);
        pannel.add(userName);
```

```
JLabel l2 = new JLabel("Password: ");
l2.setBounds(124,124,95,24);
pannel.add(l2);

passwordField = new JPasswordField();
passwordField.setBounds(210,128,157,20);
pannel.add(passwordField);

JLabel l3 = new JLabel("");
l3.setBounds(377,79,46,34);
pannel.add(l3);


JLabel l4 = new JLabel("");
l3.setBounds(377,124,46,34);
pannel.add(l4);

b1 = new JButton("Login");
b1.addActionListener(this);
b1.setForeground(new Color(46, 139, 87));
b1.setBackground(new Color(250,250,210));
b1.setBounds(149,181,113,39);
pannel.add(b1);

b2 = new JButton("SignUp");
b2.addActionListener(this);
b2.setForeground(new Color(139,69,19));
b2.setBackground(new Color(255, 235, 205));
b2.setBounds(289,181,113,39);
pannel.add(b2);

b3 = new JButton("Forgot password");
b3.addActionListener(this);

b3.setForeground(new Color(205, 92, 92));
b3.setBackground(new Color(253, 245, 230));
b3.setBounds(199, 231, 179, 39);
pannel.add(b3);

JLabel l5 = new JLabel("Trouble in Login?");
l5.setFont(new Font("Tahoma", Font.PLAIN, 15));
l5.setForeground(new Color(255, 0, 0));
l5.setBounds(70, 240, 130, 20);
pannel.add(l5);

JPanel panel2 = new JPanel();
panel2.setBackground(new Color(176, 224, 230));
panel2.setBounds(24, 40, 434, 263);
pannel.add(panel2);
```

```
    }


    @Override
    public void actionPerformed(ActionEvent e) {
        if(e.getSource()==b1){
            Boolean status = false;
            try{
                conn con = new conn();
                String sql = "select * from admin where username=? and password=?";
                PreparedStatement st = con.c.prepareStatement(sql);

                st.setString(1,userName.getText());
                st.setString(2,String.valueOf(passwordField.getPassword()));

                ResultSet rs = st.executeQuery();
                if(rs.next()){
                    this.setVisible(false);
                    new Loading().setVisible(true);
                }else{
                    System.out.println("No record found");
                    JOptionPane.showMessageDialog(null,"Invalid Login");
                }


            } catch (Exception exception) {
                exception.printStackTrace();
            }

        }
        if(e.getSource() == b2){
            setVisible(false);
            signUp su = new signUp();
            su.setVisible(true);
        }
        if(e.getSource() == b3){
            setVisible(false);
            Forgot forgot = new Forgot();
            forgot.setVisible(true);
        }

    }


}
```

PlayerDetails.java

```
package com.javaDA;
```

```
import java.awt.*;
import javax.swing.*;
import javax.swing.border.*;
import net.proteanit.sql.DbUtils;
import java.sql.*;
import java.awt.event.*;


public class playerDetails extends JFrame implements ActionListener{

    private JPanel contentPane;
    private JTable table;
    private JTextField search;
    private JButton b1,b2;



    public void player(){
        try{
            conn con = new conn();
            String sql = "select * from players";
            PreparedStatement st = con.c.prepareStatement(sql);
            ResultSet rs = st.executeQuery();

            table.setModel(DbUtils.resultSetToTableModel(rs));
            rs.close();
            st.close();
            con.c.close();

        }catch (Exception e){
            System.out.println(e);
        }
    }

    public playerDetails(){
        setBounds(350, 200, 890, 475);
        contentPane = new JPanel();
        contentPane.setBackground(Color.WHITE);
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JScrollPane scrollPane = new JScrollPane();
        scrollPane.setBounds(79, 133, 771, 282);
        contentPane.add(scrollPane);

        table = new JTable();
        table.addMouseListener(new MouseAdapter() {
            @Override
            public void mouseClicked(MouseEvent arg0) {
```

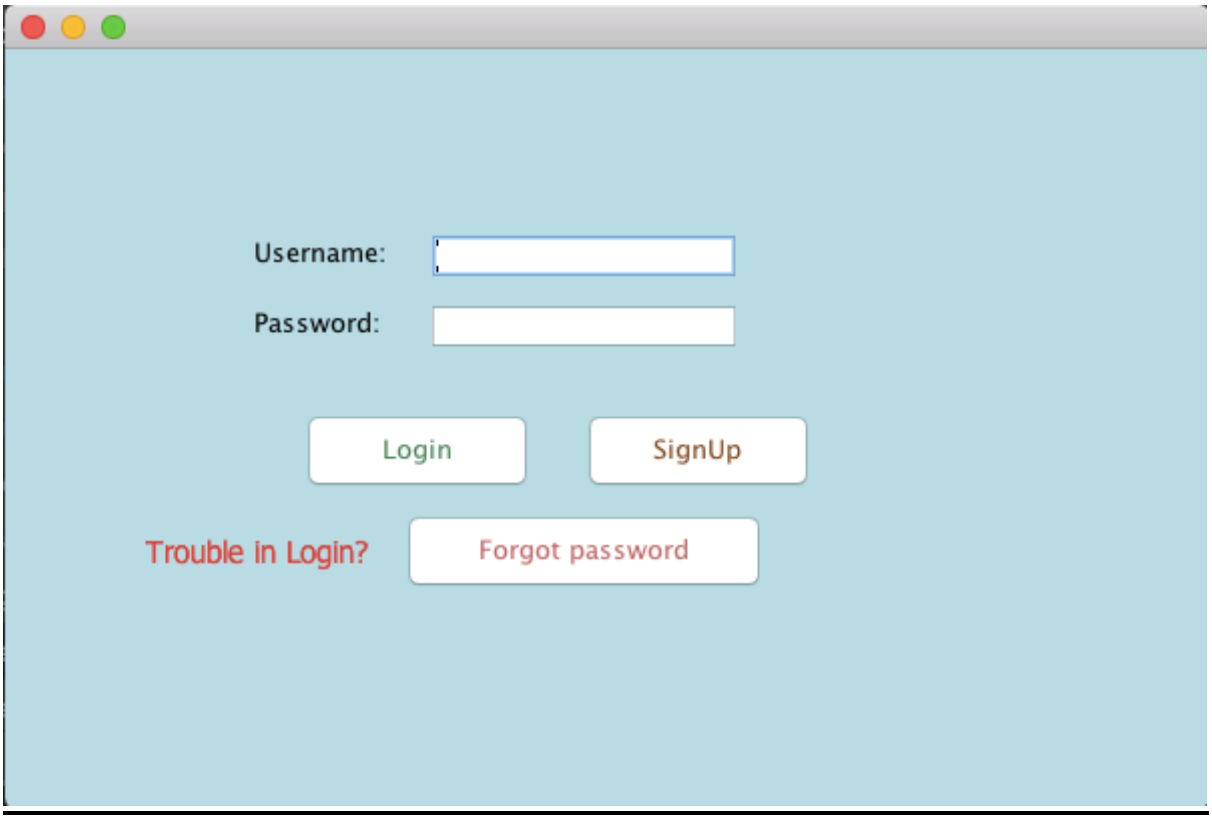
```
        int row = table.getSelectedRow();
        search.setText(table.getModel().getValueAt(row, 1).toString());
    }
});

table.setBackground(new Color(240, 248, 255));
table.setForeground(Color.DARK_GRAY);
table.setFont(new Font("Trebuchet MS", Font.BOLD, 16));
scrollPane.setViewportView(table);

b1 = new JButton("Search");
b1.addActionListener(this);
b1.setBorder(new LineBorder(new Color(255, 20, 147), 2, true));
b1.setForeground(new Color(199, 21, 133));
b1.setFont(new Font("Trebuchet MS", Font.BOLD, 18));
b1.setBounds(564, 89, 138, 33);
contentPane.add(b1);

b2 = new JButton("Delete");
b2.addActionListener(this);
b2.setForeground(new Color(199, 21, 133));
b2.setFont(new Font("Trebuchet MS", Font.BOLD, 18));
b2.setBorder(new LineBorder(new Color(255, 20, 147), 2, true));
b2.setBounds(712, 89, 138, 33);
contentPane.add(b2);

JLabel l1 = new JLabel("Player Details");
l1.setForeground(new Color(107, 142, 35));
l1.setFont(new Font("Trebuchet MS", Font.BOLD | Font.ITALIC, 30));
l1.setBounds(300, 15, 400, 47);
contentPane.add(l1);

search = new JTextField();
search.setBackground(new Color(255, 240, 245));
search.setBorder(new LineBorder(new Color(255, 105, 180), 2, true));
search.setForeground(new Color(47, 79, 79));
search.setFont(new Font("Trebuchet MS", Font.BOLD | Font.ITALIC, 17));
search.setBounds(189, 89, 357, 33);
contentPane.add(search);
search.setColumns(10);

JLabel l3 = new JLabel("Back");
l3.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        setVisible(false);
        Home home = new Home();
        home.setVisible(true);
    }
});
```

```
        l3.setForeground(Color.GRAY);
        l3.setFont(new Font("Trebuchet MS", Font.BOLD, 18));
        l3.setBounds(97, 89, 72, 33);
        contentPane.add(l3);

        JPanel panel = new JPanel();
        panel.setBorder(new TitledBorder(new LineBorder(new Color(0, 128, 128), 3, true),
"Player-Details",
                TitledBorder.LEADING, TitledBorder.TOP, null, new Color(0, 128, 0)));
        panel.setBounds(67, 54, 793, 368);
        contentPane.add(panel);
        panel.setBackground(Color.WHITE);
        player();




    }

    public void actionPerformed(ActionEvent e) {
        conn con = new conn();
        try {
            if (e.getSource() == b1) {
                String sql = "select * from players where concat(name, player_id) like ?";
                PreparedStatement st = con.c.prepareStatement(sql);
                st.setString(1, "%" + search.getText() + "%");
                ResultSet rs = st.executeQuery();

                table.setModel(DbUtils.resultSetToTableModel(rs));
                rs.close();
                st.close();
            }

            if (e.getSource() == b2) {
                String sql = "delete from players where player_id = '" + search.getText() + "'";
                PreparedStatement st = con.c.prepareStatement(sql);

                JDialog.setDefaultLookAndFeelDecorated(true);
                int response = JOptionPane.showConfirmDialog(null, "Do you want to continue?",
"Confirm",
                        JOptionPane.YES_NO_OPTION, JOptionPane.QUESTION_MESSAGE);
                if (response == JOptionPane.NO_OPTION){

                }else if (response == JOptionPane.YES_OPTION) {
                    int rs = st.executeUpdate();
                    JOptionPane.showMessageDialog(null, "Deleted !!");
                } else if (response == JOptionPane.CLOSED_OPTION) {

                }
```

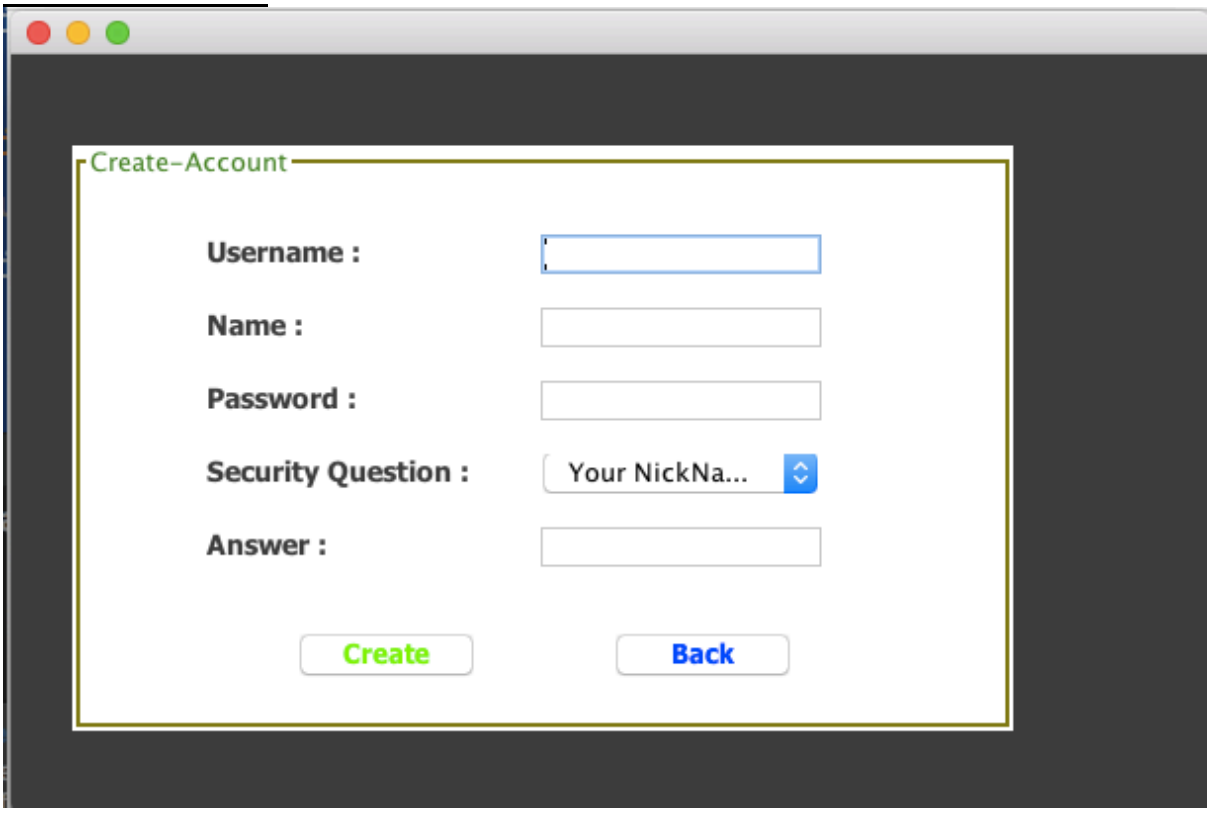
```
            st.close();

          }

      }catch (Exception er){
         System.out.println(er);
      }

   }
}
```

7.2.RESULT-SNAPSHOTS

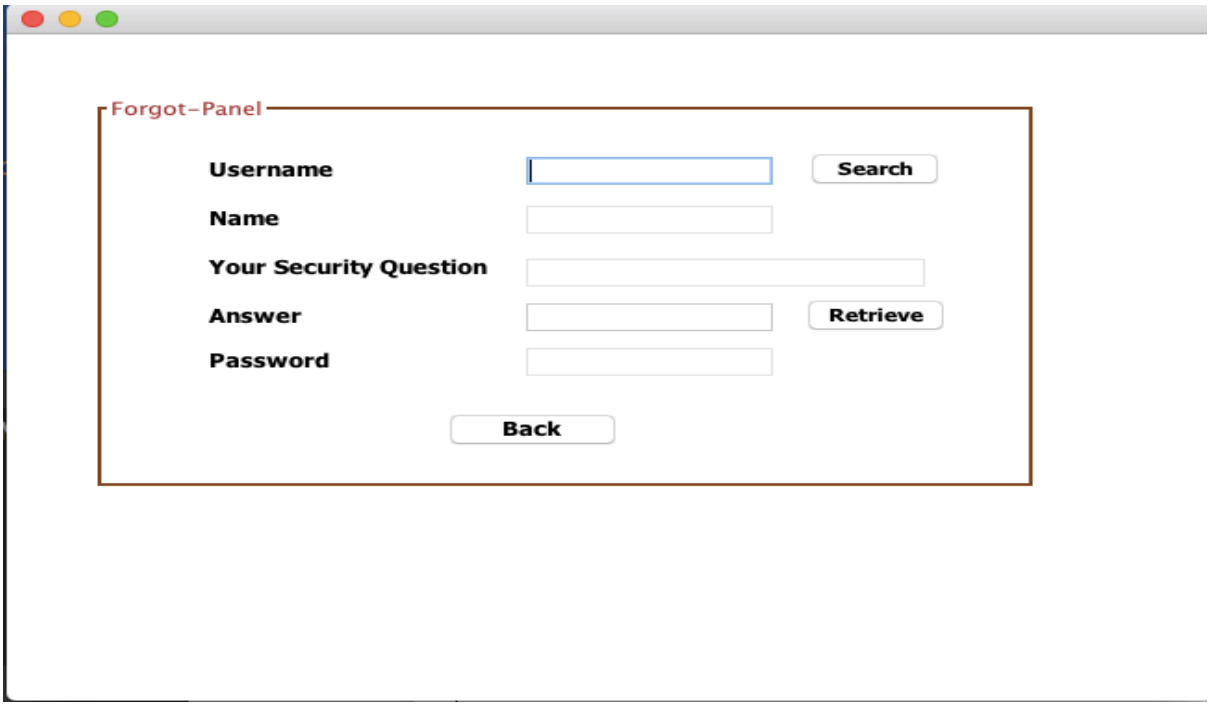
login page



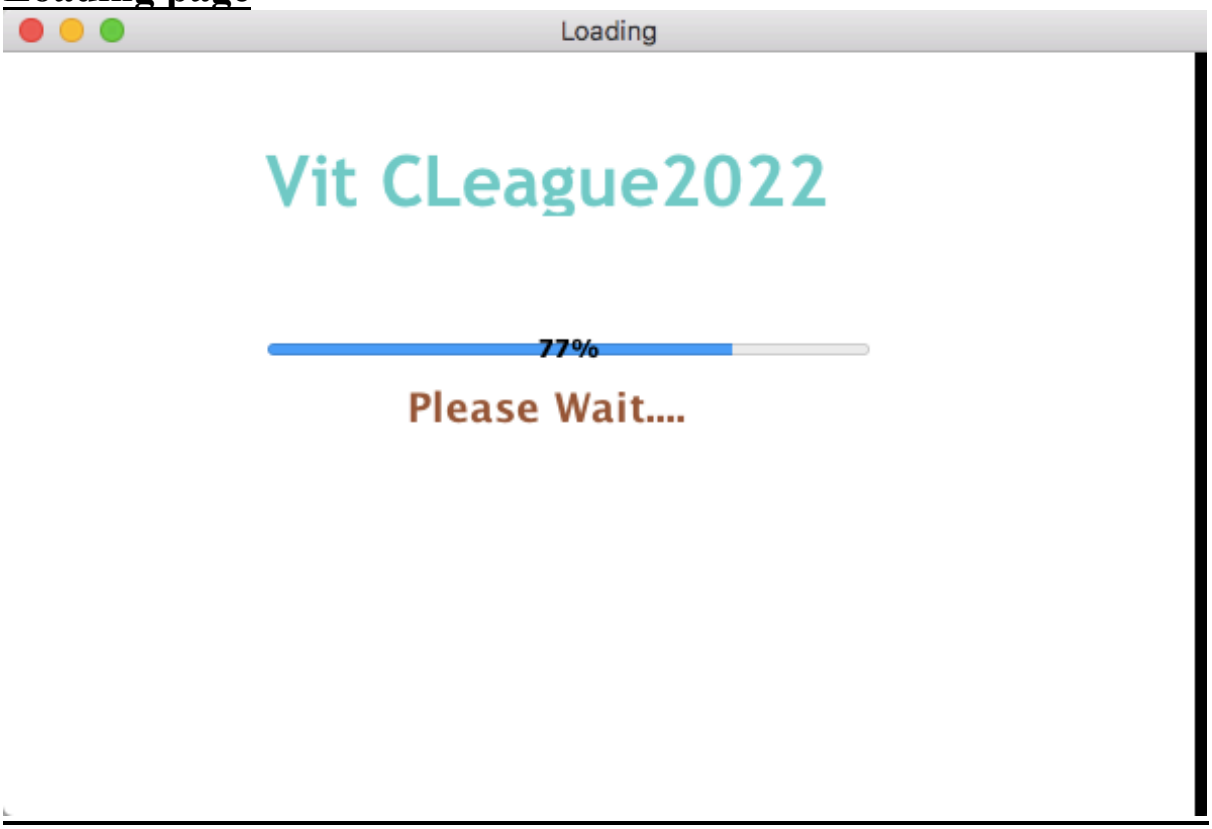
create account



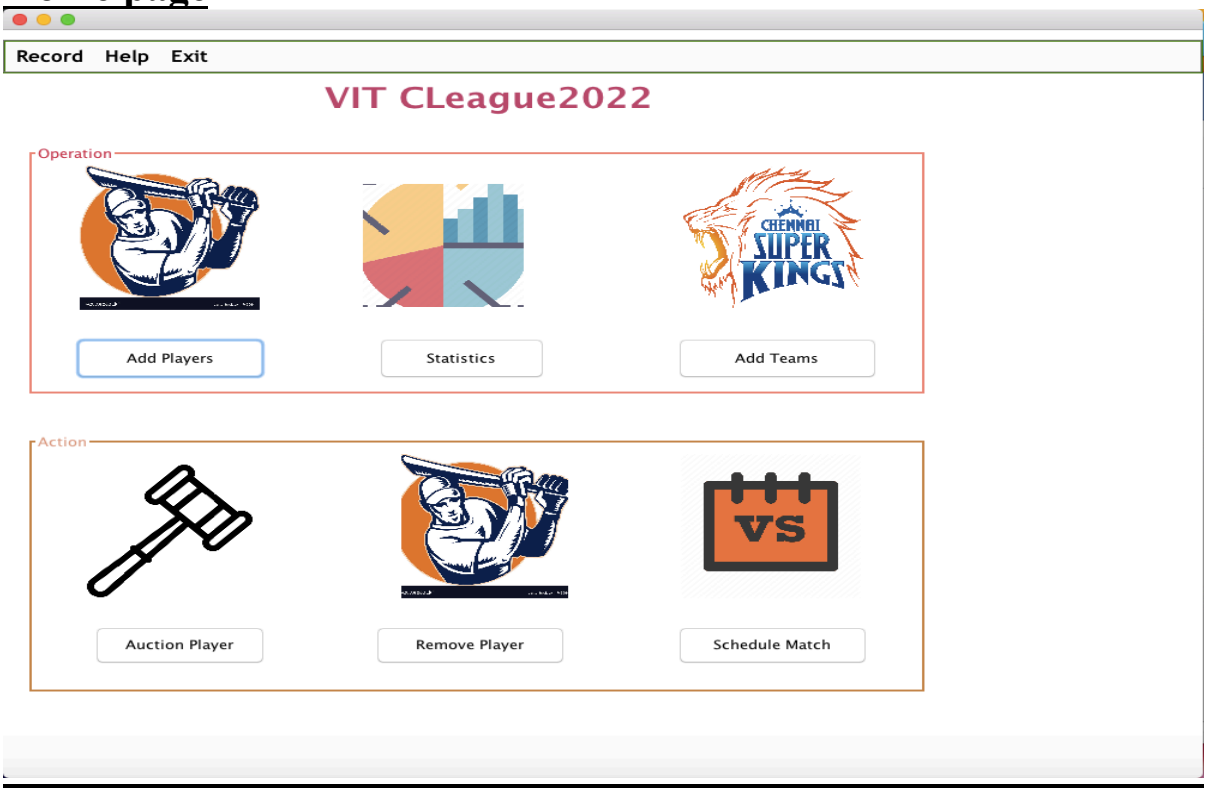
forgot password



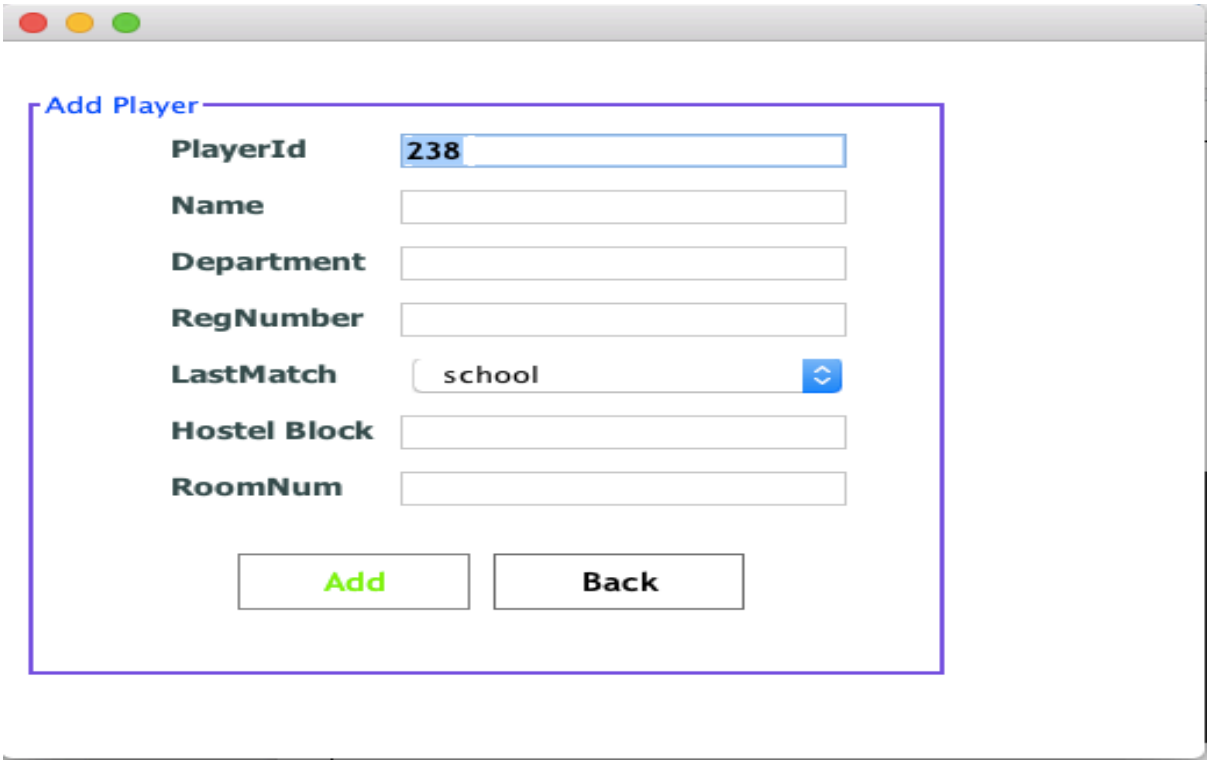
Loading page



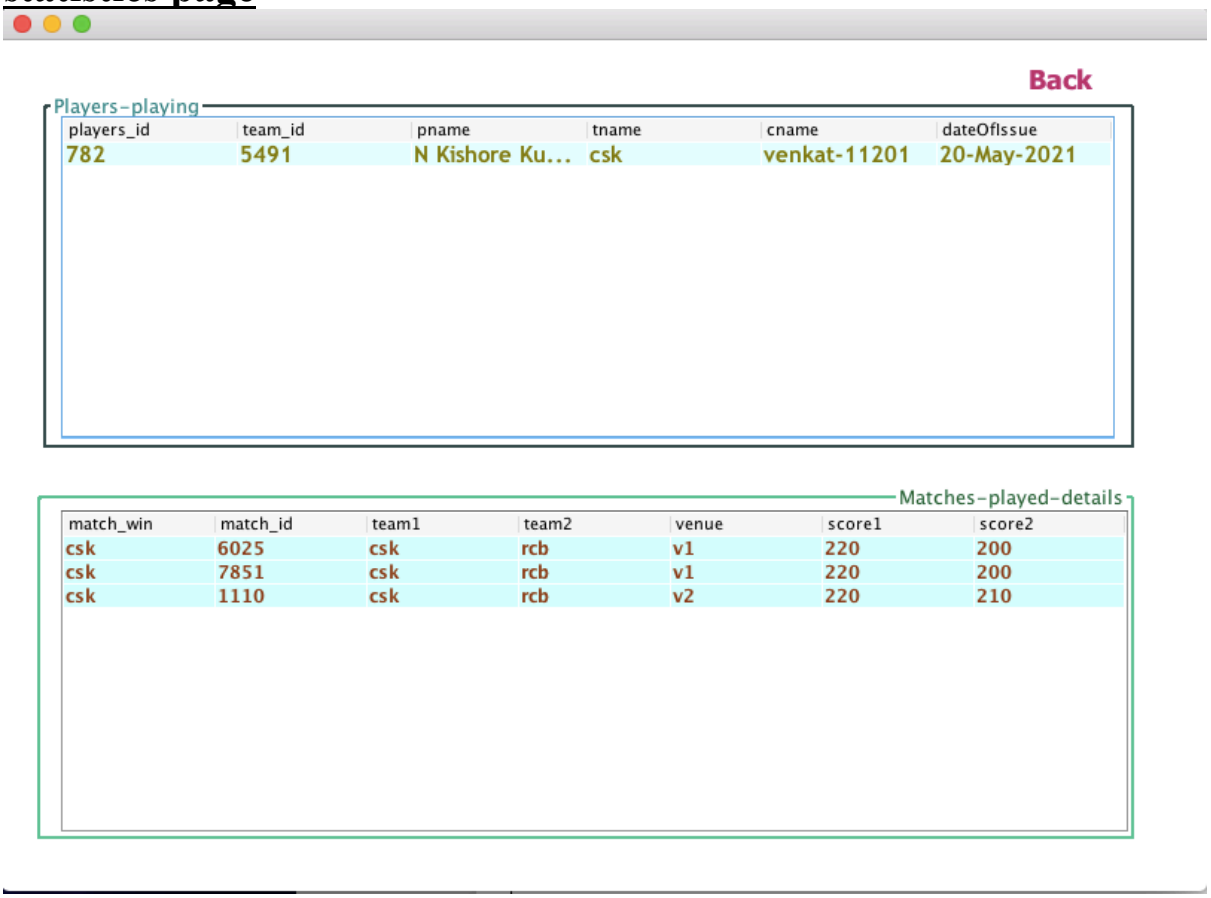
Home page



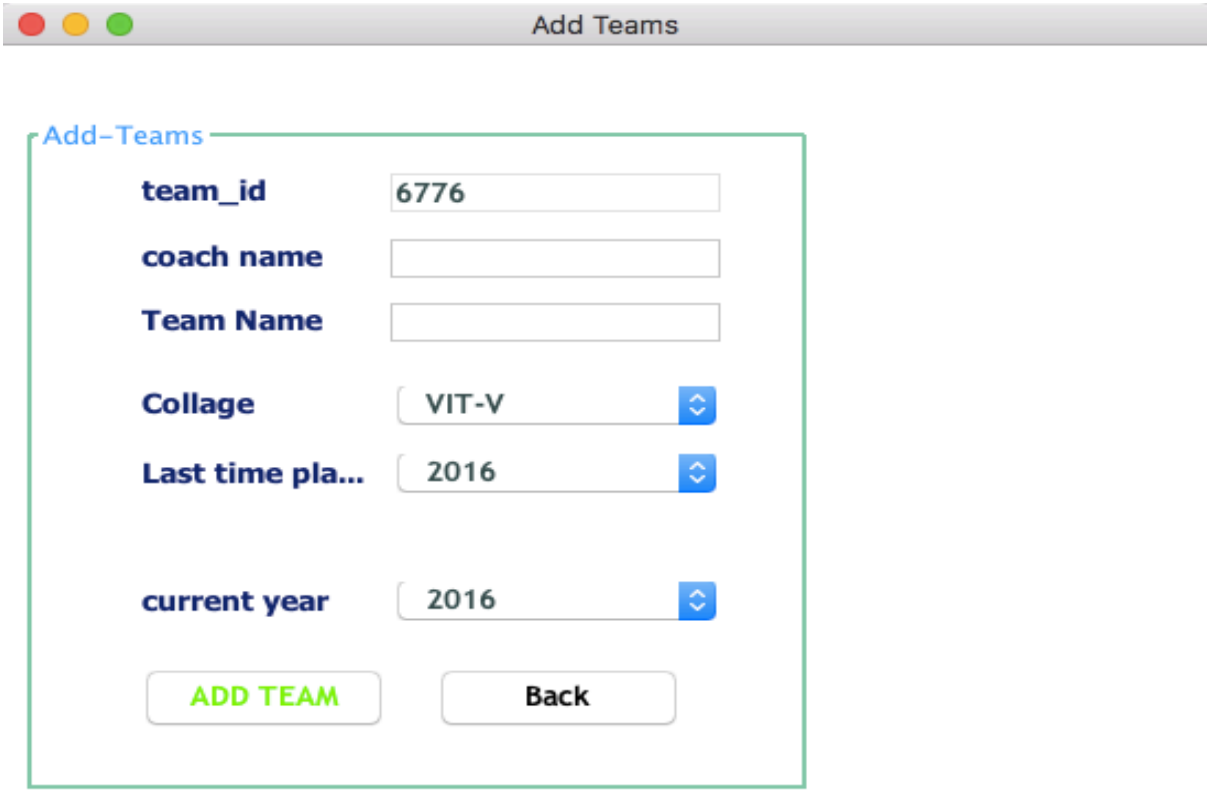
Add player page



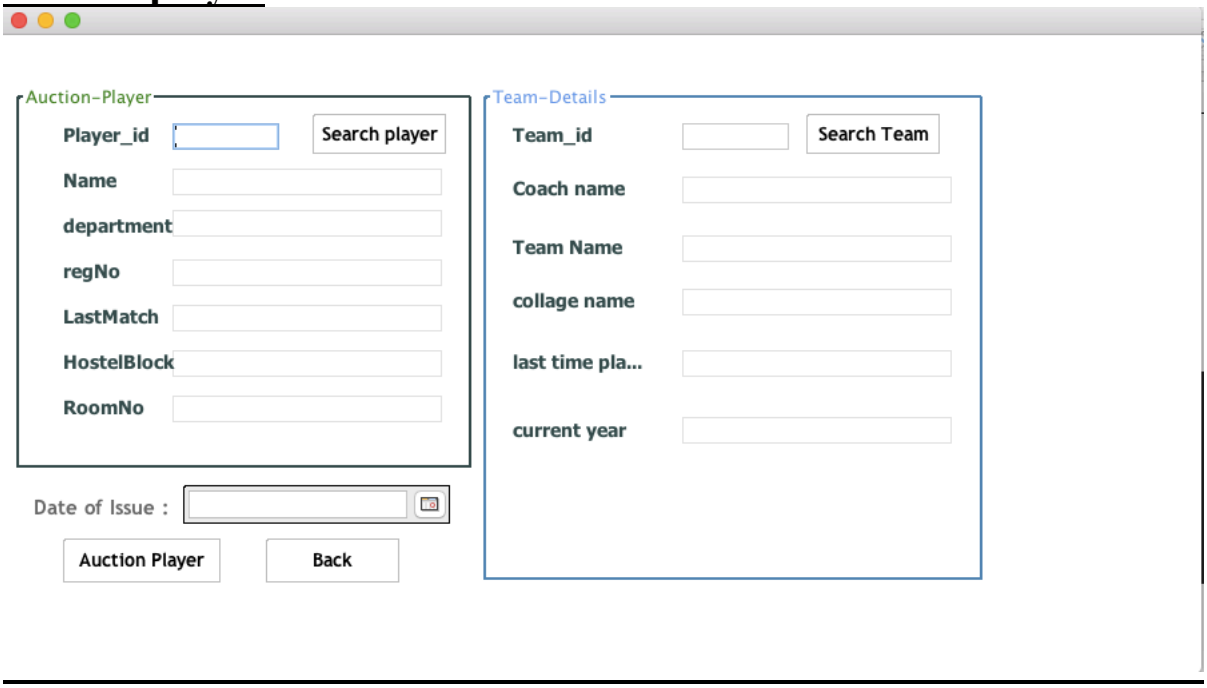
statistics page



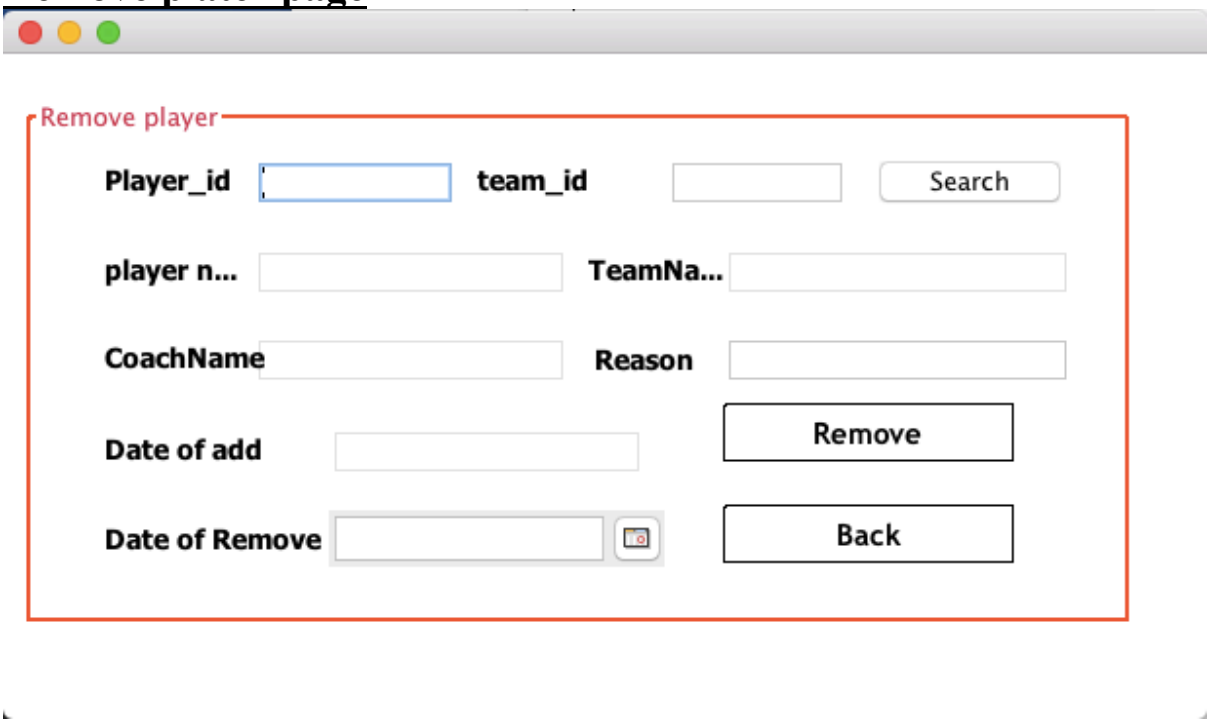
add team page



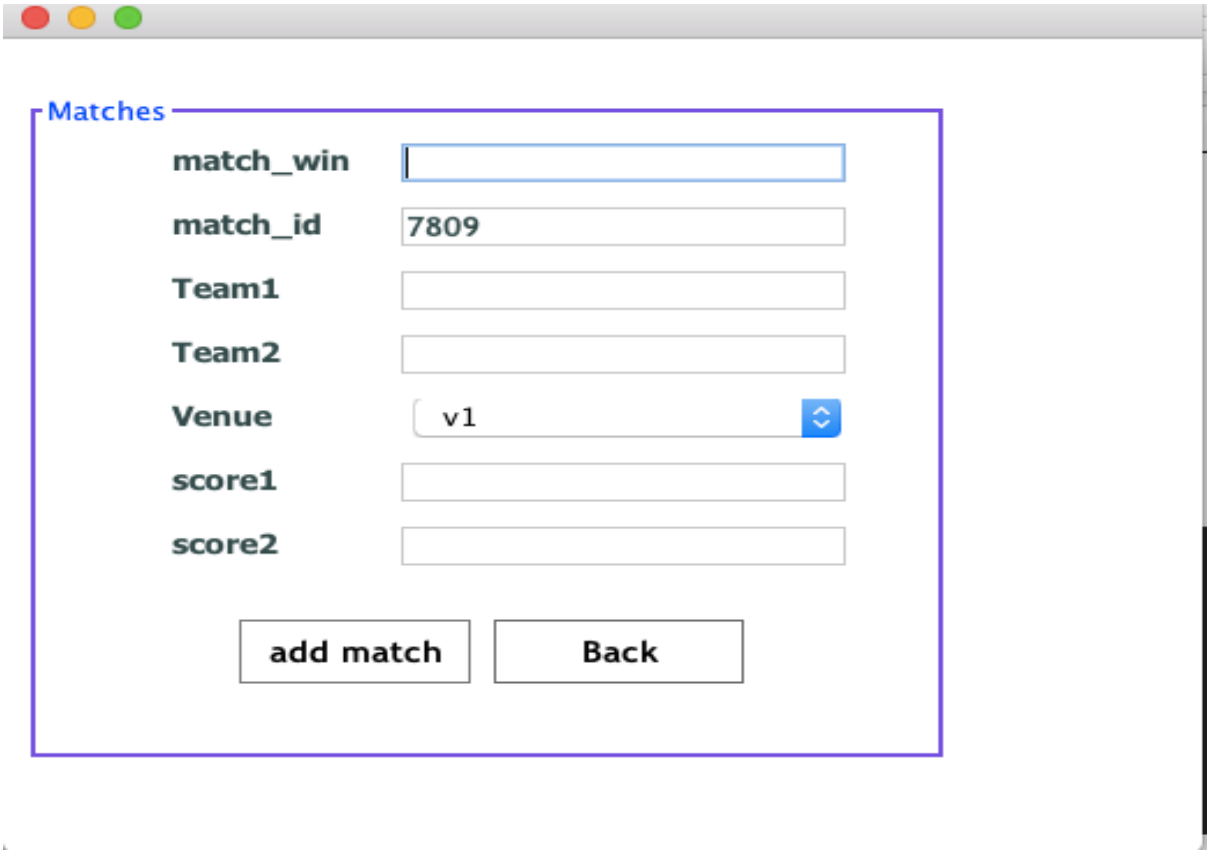
auction player



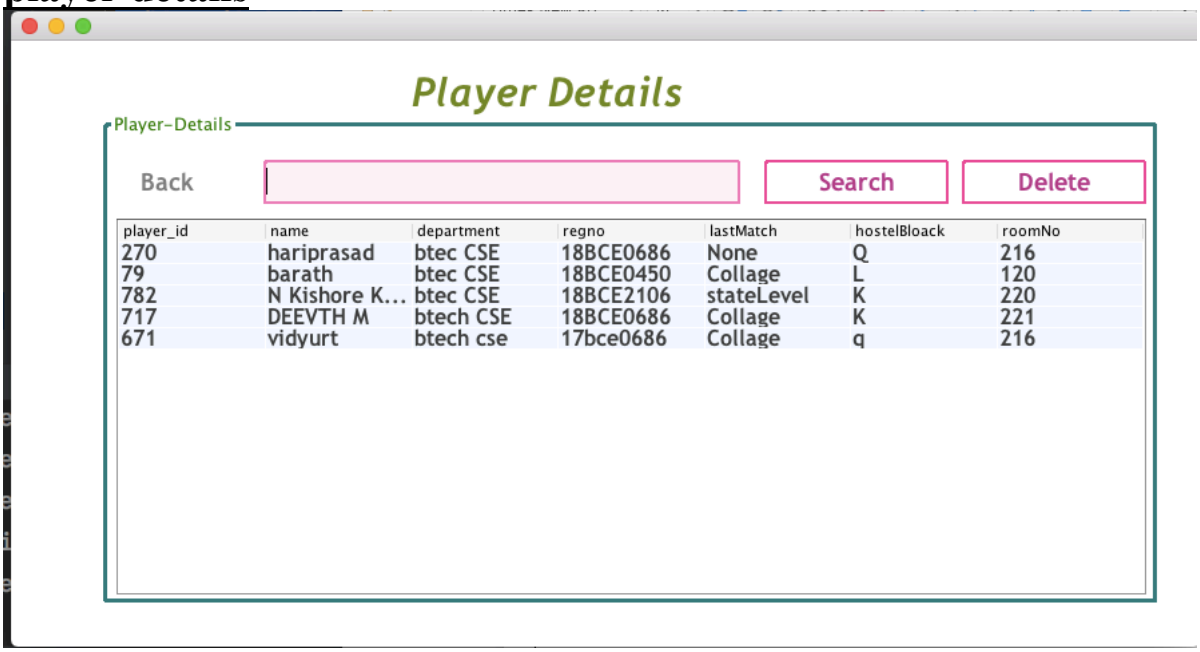
Remove plater page



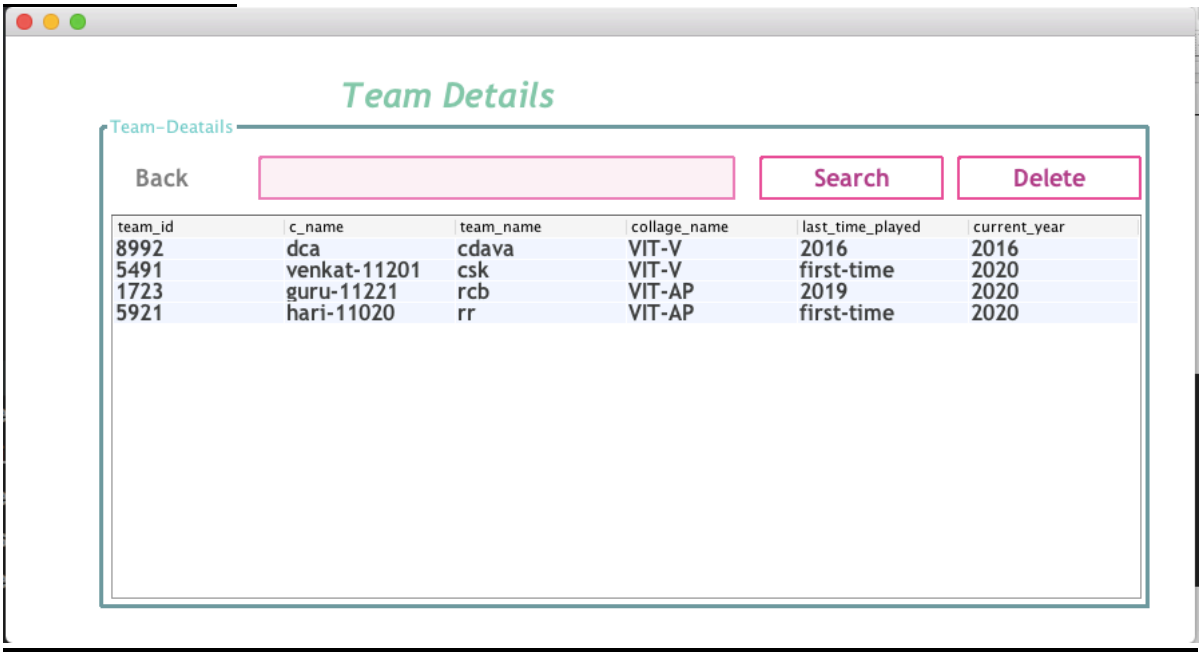
update match scores



player details



Team details



About me page

Database and images

Players table

+ Options

player_id	name	department	regno	lastMatch	hostelBloack	roomNo
270	hariprasad	btec CSE	18BCE0686	None	Q	216
79	barath	btec CSE	18BCE0450	Collage		120
782	N Kishore Kumar	btec CSE	18BCE210			
717	DEEVTH M	btech CSE	18BCE0686	Collage	K	221
671	vidyurt	btech cse	17bce0686	Collage	q	216

- Drag to reorder.
- Click to mark/unmark.
- Double-click to copy column name.

Matches scheduled

+ Options

match_win	match_id	team1	team2	venue	score1	score2
csk	6025	csk	rcb	v1	220	200
csk	7851	csk	rcb	v1	220	200
csk	1110	csk	rcb	v2	220	210

Auctioned players table

+ Options

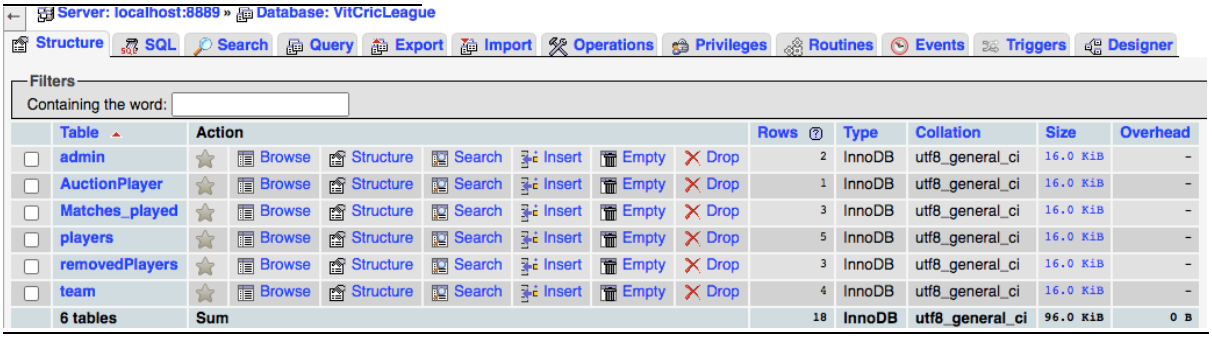
players_id	dateOfIssue	team_id	pname	tname	cname
782	20-May-2021	5491	N Kishore Kumar	csk	venkat-11201

admin table

+ Options

username	name	password	sec_q	sec_ans
sahari	S A HARIPRASAD	12345	Your Lucky Number?	10
cskfanhp	S ANAND	prasad2000	Your NickName?	anni

List of all tables in database



removed players

+ Options

player_id	team_id	player_name	team_name	coach_name	reason	date_of_issue	date_of_return
270	8992	hariprasad	cdava	dca	malpractice	15-May-2021	25-May-2021
717	5491	DEEVTH M	csk	venkat-11201	covid	14-May-2021	28-May-2021
717	5491	DEEVTH M	csk	venkat-11201	covid	26-May-2021	26-May-2021

Table teams

+ Options

team_id	c_name	team_name	collage_name	last_time_played	current_year
8992	dca	cdava	VIT-V	2016	2016
5491	venkat-11201	csk	VIT-V	first-time	2020
1723	guru-11221	rcb	VIT-AP	2019	2020
5921	hari-11020	rr	VIT-AP	first-time	2020

8. RESULTS AND DISCUSSION

Through this project I have created a minimal application that can be used by VIT administration to conduct an inter-collage cricket league tournament with all the record of student participation and also maintain list of faculty's who take care of each and every team so that the league happens in a safe and proper manner.

In the future version of this project we can add statistics of previously played cricket players and also make an auction system where team can bid for the player they want with the points they have.

9.CONCLUSION

In conclusion we have created a prototype application for cricket league management in Vellore institute of technology using Java swings and MYSQL. We have explained with context and background the scope of an application of this kind along with the flow of data. Appropriate results and a demo has also been performed.