

User Manual

Group 9

Introduction

This database is used to keep track of sports leagues. We used MongoDB and GUI(Tkinter).

Using the Database

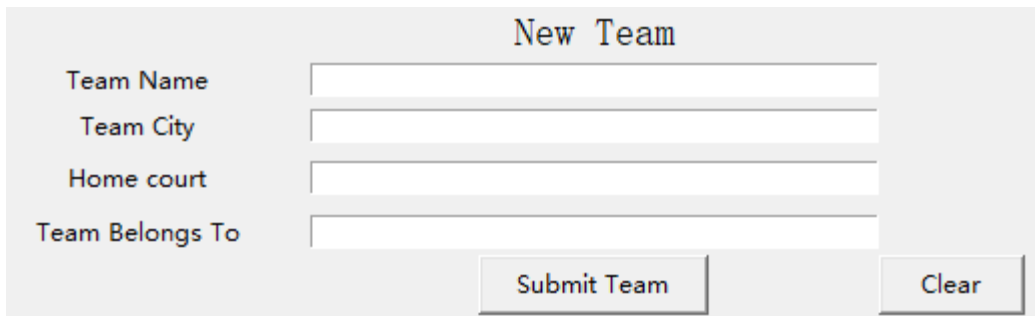
1. Add a New League



A screenshot of a Tkinter window titled "New league". It contains five text input fields with labels: "League name", "League Commissioner", "Commissioner SSN", "First season start time", and "First season end time". At the bottom right, there are two buttons: "Submit league" and "Clear".

You can add a new league by inputting the league's name, league commissioner, commissioner SSN, and the season time (all seasons start on February 1st and end on December 31st). Then you click the submit league button. If the league name is duplicated or the season time is not correct, it will show "fault".

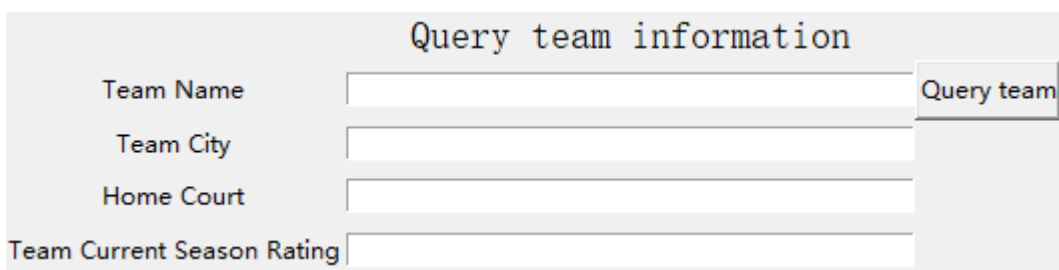
2. Add a New Team



A screenshot of a Tkinter window titled "New Team". It contains four text input fields with labels: "Team Name", "Team City", "Home court", and "Team Belongs To". At the bottom right, there are two buttons: "Submit Team" and "Clear".

You can add a new team by updating the team's name, team city, home court, and team belongs to. Then you click the submit team button. If the entered league team belongs to does not exist, it will show "fault".

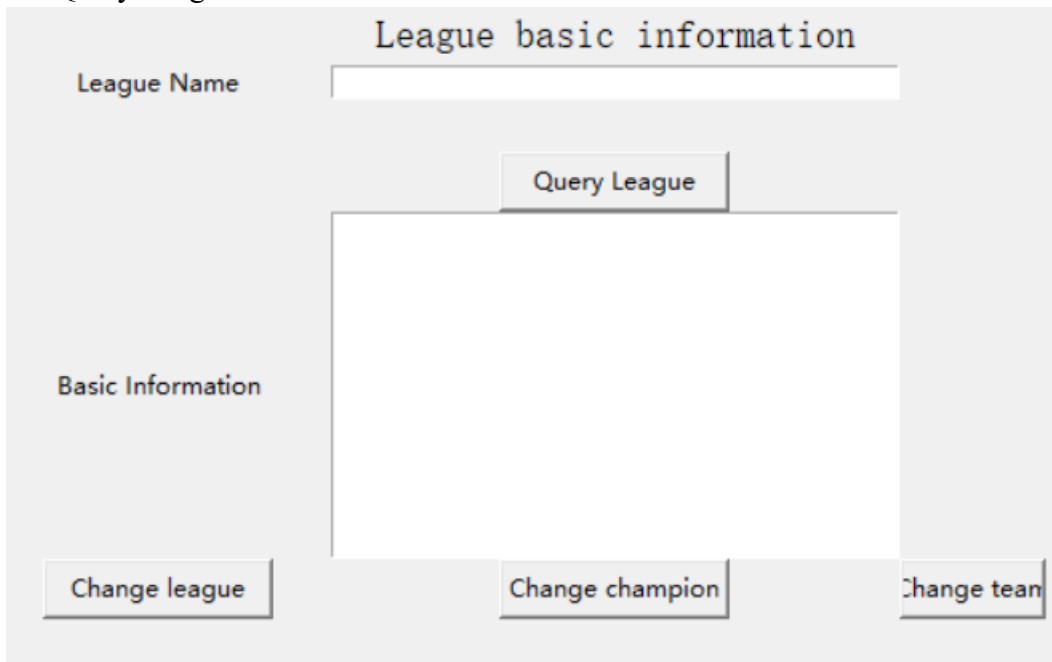
3. Query Team Information



A screenshot of a Tkinter window titled "Query team information". It contains four text input fields with labels: "Team Name", "Team City", "Home Court", and "Team Current Season Rating". To the right of the "Team Name" field is a button labeled "Query team".

You can input the team's name and click the query team button. If the entered team name does not exist, it will show "fault".

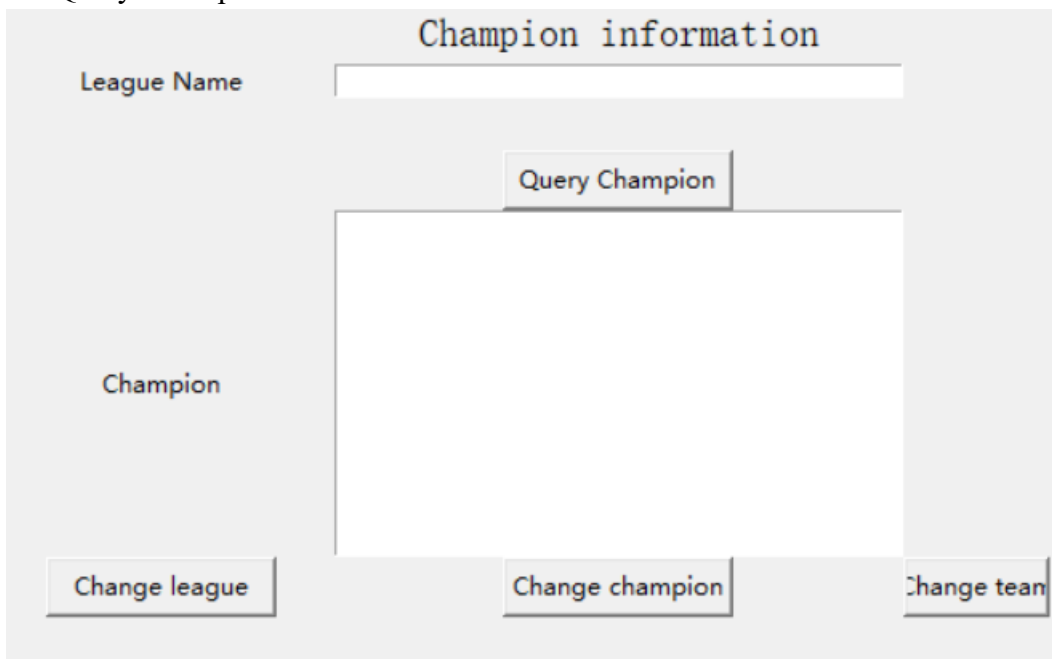
4. Query League Basic Information



The screenshot shows a web interface titled "League basic information". At the top left, there is a label "League Name" next to a text input field. Below the input field is a button labeled "Query League". To the left of a large central white rectangular area is the label "Basic Information". At the bottom of the interface, there are three buttons: "Change league" on the left, "Change champion" in the center, and "Change team" on the right.

You can click the change league button and search for the league's name. If the entered league name does not exist, it will show "fault".

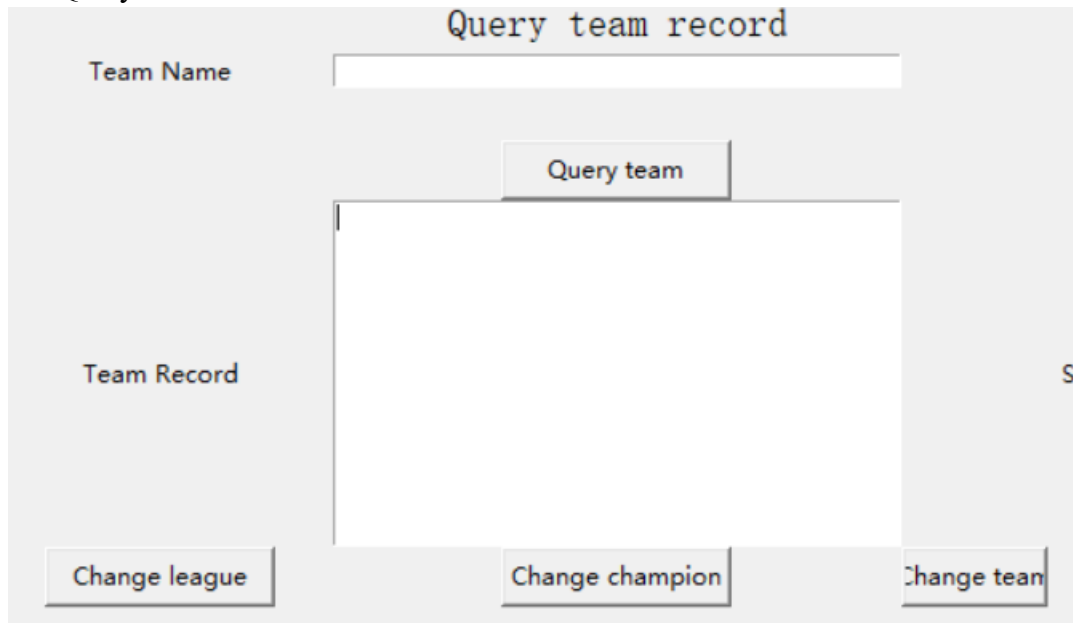
5. Query Champion Information



The screenshot shows a web interface titled "Champion information". At the top left, there is a label "League Name" next to a text input field. Below the input field is a button labeled "Query Champion". To the left of a large central white rectangular area is the label "Champion". At the bottom of the interface, there are three buttons: "Change league" on the left, "Change champion" in the center, and "Change team" on the right.

You can click the change champion button and input the league's name. If the entered league name does not exist, it will show "fault".

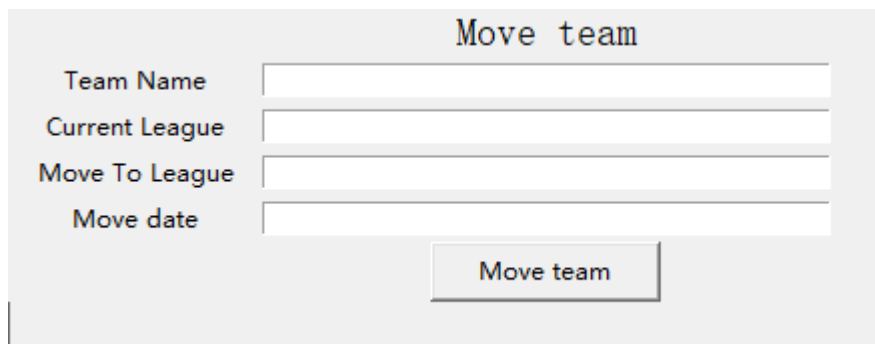
6. Query Team Record



The form is titled "Query team record". It features a "Team Name" label followed by a text input field. Below this is a "Query team" button. A large, empty rectangular box labeled "Team Record" is positioned below the button. At the bottom of the form, there are three buttons: "Change league", "Change champion", and "Change team".

You can click the change team button and input the team's name. If the entered team name does not exist, it will show "fault".

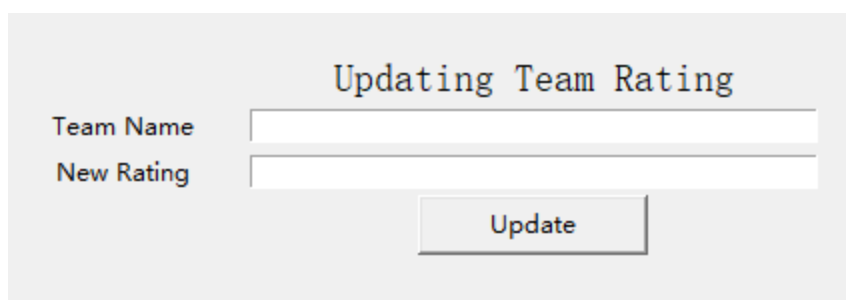
7. Move Team



The form is titled "Move team". It contains four input fields with labels: "Team Name", "Current League", "Move To League", and "Move date". Below these fields is a "Move team" button.

You can input the team's name, current league, league moving to, and move date. Then click the move team button. It will show "fault" if your entered information(team name, league) does not exist. The league moving date should be between January 1 and January 31.

8. Updating Team Rating

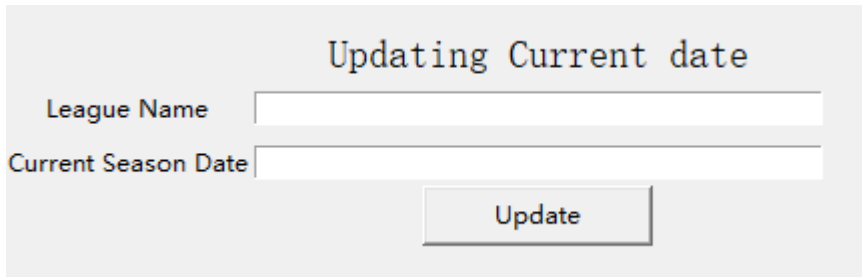


The form is titled "Updating Team Rating". It has two input fields with labels: "Team Name" and "New Rating". Below these fields is an "Update" button.

You can input the team's name and the new rating. Then click the update button. If

the entered team name does not exist, it will show "fault".

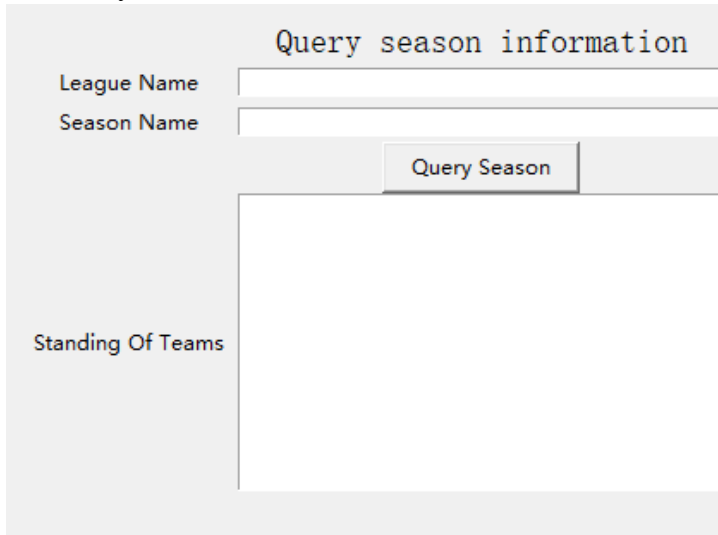
9. Updating the Current Date



The screenshot shows a web form titled "Updating Current date". It contains two input fields: "League Name" and "Current Season Date". Below these fields is a button labeled "Update".

You can input the league's name and the current season date. Then click the update button. If the entered league name does not exist, it will show "fault".

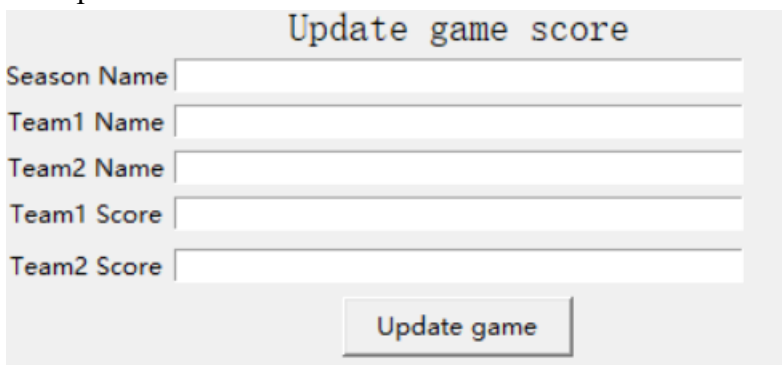
10. Query Season Information



The screenshot shows a web form titled "Query season information". It contains two input fields: "League Name" and "Season Name". Below these fields is a button labeled "Query Season". To the left of the button is a label "Standing Of Teams". Below the button is a large empty rectangular box.

You can input the league's name and the season name. Then click the query season button. If the entered league name or season name does not exist, it will show "fault".

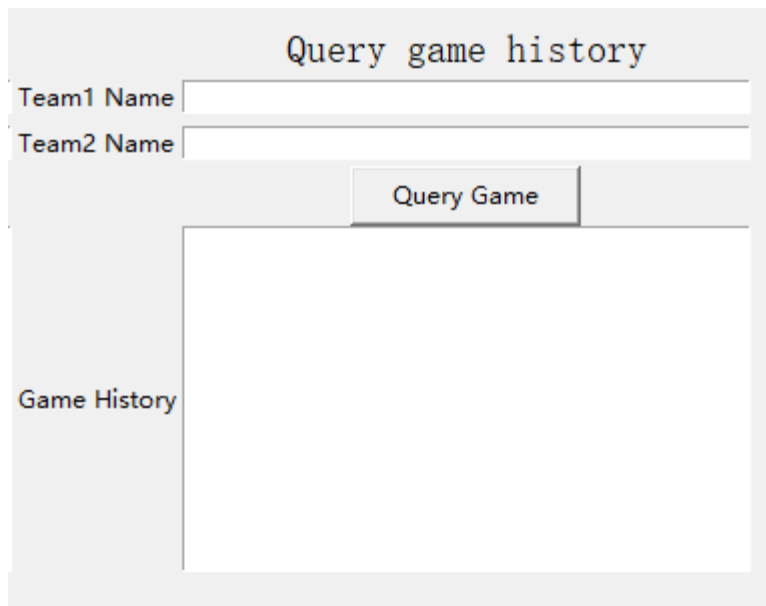
11. Update the Game Score



The screenshot shows a web form titled "Update game score". It contains five input fields: "Season Name", "Team1 Name", "Team2 Name", "Team1 Score", and "Team2 Score". Below these fields is a button labeled "Update game".

You should input the season name, team's name, and team's score. Then click the update game button. If the entered season name or team name does not exist, it will show "fault".

12. Query Game History



The form is titled "Query game history". It contains two input fields: "Team1 Name" and "Team2 Name". Below these fields is a button labeled "Query Game". To the left of a large rectangular area is the label "Game History".

You should input the team1 name and team2 name. Then click the query game button. If the entered league name does not exist or there is no game between two teams, it will show "fault".

13. Alert

Input League Name

Input Team Name

Incomplete data

You must input all the key information. An alert will appear and tell you what is missing if the information is not completed.