



CSE302: Database Systems (Section 01) **[Summer 2021]**

Project Report

Olympic 2020-Tokyo

<https://apex.oracle.com/pls/apex/f?p=41650>

1. Final version of the E-R Model of the Project

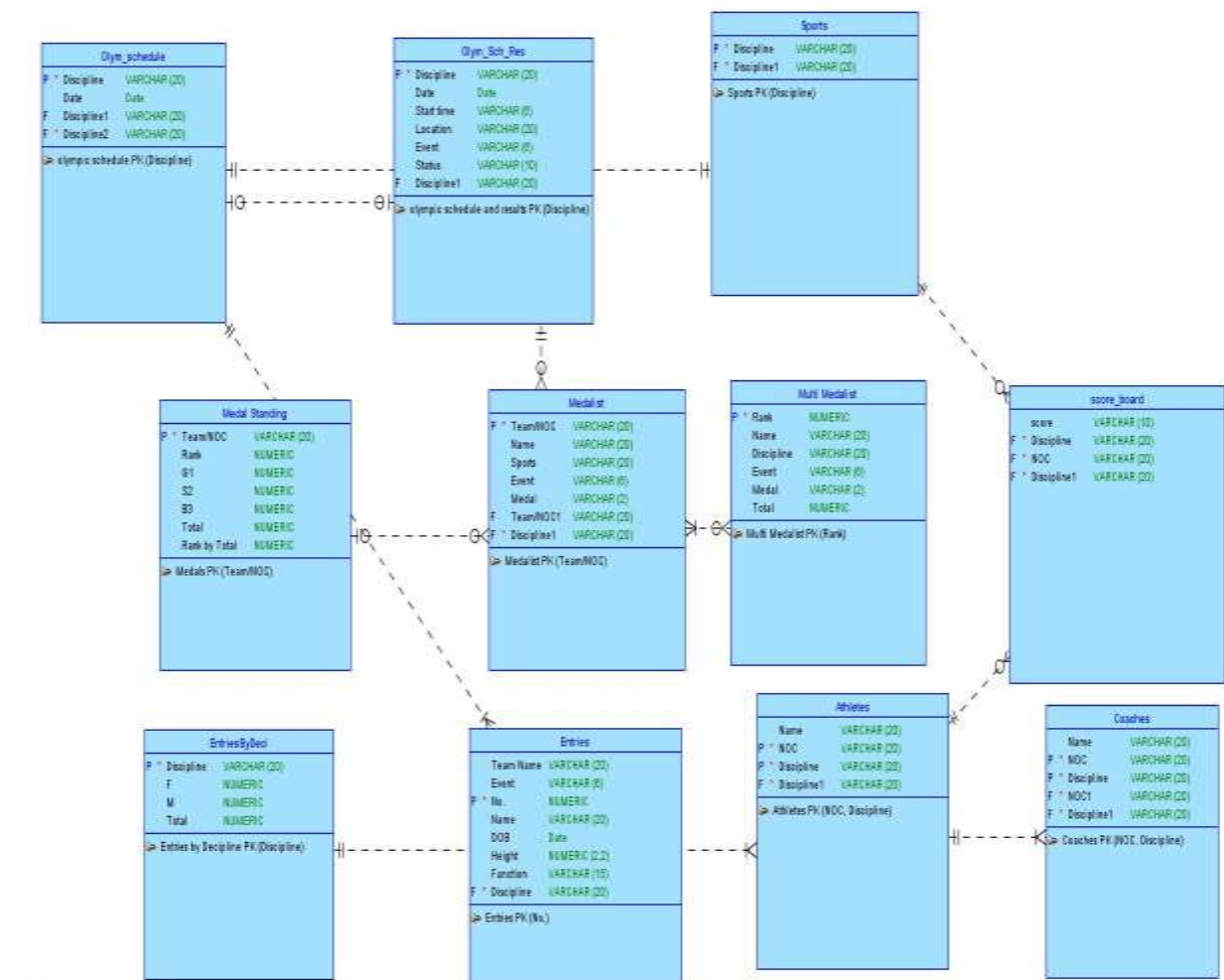


Figure: ER Model (Logical)

1. Final Version of the Relational Data Model of the Project

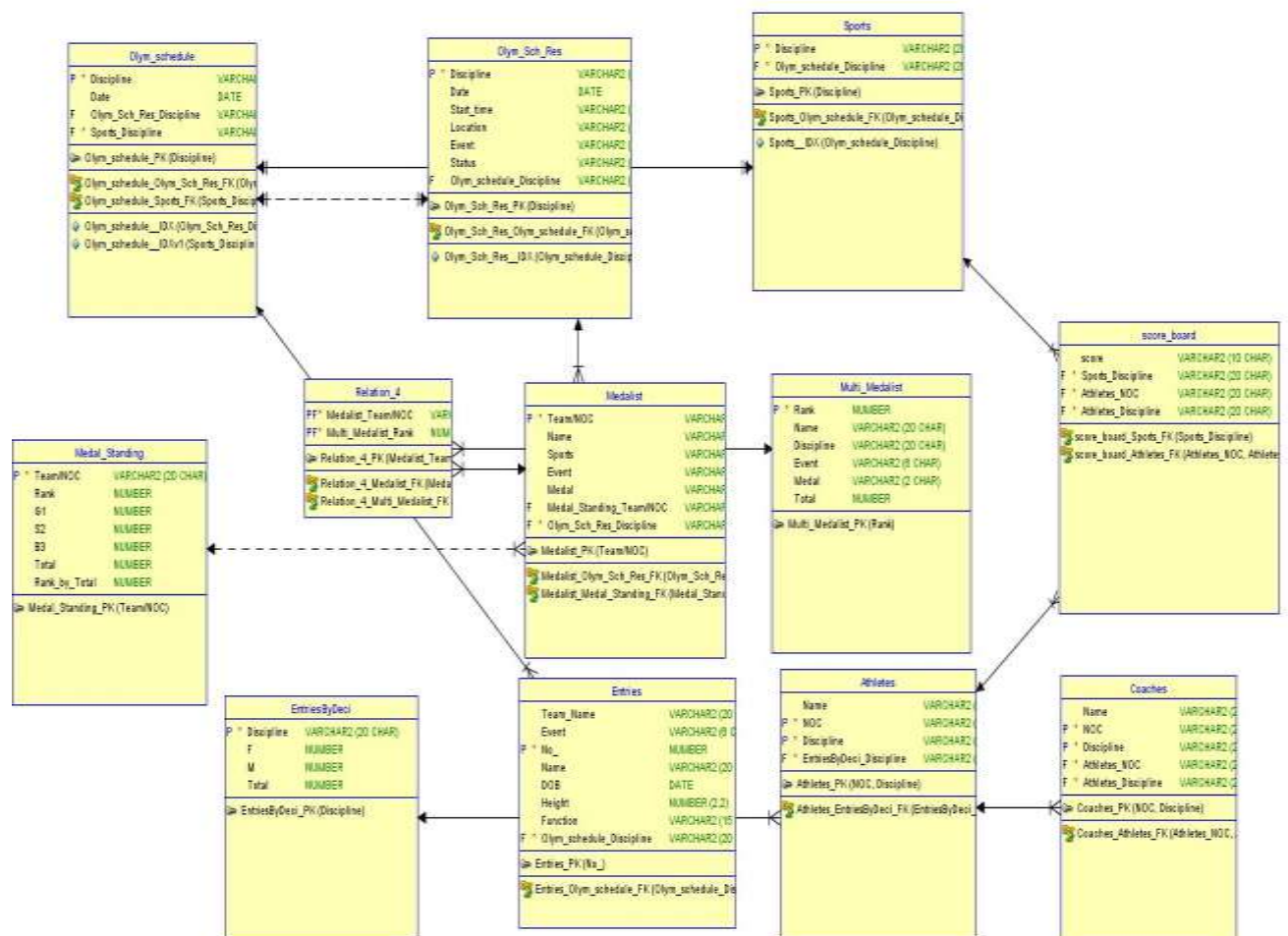


Figure: ER Model (Relational)

3. Implementation Checklist

| Description | Remarks |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project ID | 41650 |
| Workspace Name | |
| Workspace Email | |
| Workspace Password | |
| Authentication Type | Custom |
| Username and Password to Login | |
| write username like admin | write password like <i>admin123</i> |
| if you have multiple users, write all username and password correctly | |
| USERNAME: admin | PASSWORD: admin123 |
| USERNAME: adri | PASSWORD: adri123 |
| Uploaded and Displayed Images in Reports | yes |
| Implemented Page-wise Authorization | no |
| Number of Reports with Forms | 9 pages |
| Number of Master-detail Forms | 1 page |
| Number of Reports based on Queries, Aggregate Queries | 3 pages |
| Number of Parameterized Reports | 2 pages |
| Number of Graphs/Charts | 5 charts |
| Included any trigger/other feature which is not taught in class. If yes, please explain briefly. | <p>Yes, we have included triggered at 2 pages.</p> <ul style="list-style-type: none"> • Olympic Schedule, • Olympic schedule & results <p>Also created feedback page where viewers can give opinion.</p> |
| Write the most unique feature/functionality in your application or the page of your application which you are proud of. Explain briefly. | <p>We applied html, CSS on 7 pages including home page, sports, videos etc. Also added background, logo & login page picture, home page, sports pages, news etc.</p> <p>We inserted triggered on Olympic schedule data where entries can't be taken if date is earlier than 21-July-2020 or late than 8-august-2020. As it is application for Olympic 2020. So that, we made this triggered.</p> |

4. Reports with Forms

| Report Page Number and Name | Form Page Number and Name | Table |
|-------------------------------------|--------------------------------------|----------------|
| P7. Olympic Schedule | P8. Olympic Schedule Data | olym_schedule |
| P15. Olympic Schedule & Results | P16. Olympic Schedule & Results data | olym_sch_res |
| P26. Entries | P30. Entries data | entries |
| P20. Medal Standing | P21. Medal Standing Info | medal_standing |
| P23. Medalist | P23. Medalist Info | medalist |
| P39. Multi Medalist | P40. Multi Medalist Data | multi_medalist |
| P2. Athletes | P3. Athletes_data_entry | athletes |
| P4. Entries by discipline | P5. Entries by discipline | entriesbydeci |
| P10. Coaches | P17. Coaches_info | coaches |
| P13. 3X3 Basketball (schedule part) | | |
| P14. Archery (schedule part) | | |
| P18. Athletics (schedule part) | | |
| P22. Badminton (schedule part) | | |

Put screenshots of each of your reports and forms used for data input mentioning the name of the table in your database schema. Number your figures like 4.1, 4.2 and so on.

4.1. Olympic Schedule Report

The screenshot shows the 'Olympic 2020 - Tokyo' application interface. The top navigation bar includes 'Home', 'Olympic Schedule', 'Medal Standing', 'Athletes', 'Basic Info', and 'Administration'. The 'Olympic Schedule' section is active. Below the navigation bar, there is a search bar, a 'Go' button, and an 'Actions' dropdown menu. The main content area displays a table with the following columns: 'Discipline', 'Date', and 'Events'. The table lists several events, including Ceremonies, Archery, and 3x3 Basketball, with their respective dates and event details.

| | Discipline | Date | Events |
|--|----------------|--------|--------|
| | Ceremonies | 21-JUL | |
| | Ceremonies | 08-AUG | |
| | Archery | 23-JUL | |
| | 3x3 Basketball | 25-JUL | |
| | 3x3 Basketball | 26-JUL | |
| | 3x3 Basketball | 28-JUL | |
| | Archery | 24-JUL | |

4.2. Form: Olympic Schedule Data

The screenshot shows a web application interface for 'Olympic 2020 - Tokyo'. A modal form titled 'Olympic Schedule data' is open in the center. The form contains the following fields:

- Discipline:** A text input field.
- Date:** A date input field with a calendar icon.
- File:** A section with a 'Choose File' button and a file upload icon.

At the bottom of the form are two buttons: 'Cancel' and 'Create'. The background shows a sidebar with navigation links: Home, Olympic Schedule, Medal Standing, Athletes, Basic Info, and Administration. A list of events is visible on the right side of the background.

4.3. Olympic Schedule & Results

The screenshot shows the 'Olympic Schedule & Results' table in the 'Olympic 2020 - Tokyo' application. The table has the following columns: Discipline, Date, Start Time, Location, Event, Status, and Winner Country. The data is as follows:

| Discipline | Date | Start Time | Location | Event | Status | Winner Country |
|------------|-----------|------------|------------------------------------------|----------------------------------|----------|----------------|
| Archery | 7/25/2020 | 9:30 | menoshima final field | Women's Team 1/8 Eliminations | Finished | |
| Athletics | 7/31/2020 | 9:55 | Olympic Stadium - Track | Men's 800m Round 1 - Heat 1 | Finished | |
| Badminton | 8/2/2020 | 13:50 | Musashino Forest Sport Plaza BDM Court 1 | Women's Doubles Gold Medal Match | Finished | |
| Archery | 7/23/2020 | 9:00 | Yumenoshima Ranking Field | Women's Individual Ranking Round | Finished | |
| | | | Urban Sports Park | Men's Pool Round | Finished | |

4.4. Olympic Schedule & Results data

Olympic 2020 - Tokyo

Home Olympic Schedule Medal Standing

Olympic Schedule & Results data

Olympic Schedule & Results data

Discipline

Date

Start Time

Location






Event

Status

File Log

Choose File

Create

| Status | Winner Country |
|----------|-------------------------------------------------------------------------------------|
| Finished |  |
| Finished |  |
| Finished |  |
| Finished |  |
| Finished |  |





4.5.Entries

Olympic 2020 - Tokyo

Home Olympic Schedule Medal Standing Athletes Basic Info Videos Sports Administration

Go Actions

Create

| No | Team Name | Event | Discipline | Name | Date of Birth | Height | Function | Player |
|----|------------|-------|----------------|----------------|---------------|------------|----------|---------------------------------------------------------------------------------------|
| 5 | China | Women | 3X3 Basketball | WAN Jiyun | 12-JUL-2002 | 1.87/6'1" | Athlete |  |
| 7 | Bangladesh | Men | Archery | SHANU Md Ruman | 08-JUN-1995 | 1.79/5'10" | Athlete |  |
| 8 | Argentina | Women | Athletics | CASSETTA Belen | 26-SEP-1994 | 1.54/5'0" | Athlete |  |
| 9 | Australia | Women | Athletics | HAYWARD Katie | 23-JUL-2000 | 1.79/5'9" | Athlete |  |

4.6. Entries data

Olympic 2020 - Tokyo

[Home](#)
[Olympic Schedule](#)
[Medal Standings](#)

| No | Team Name | Event |
|----|------------|-------|
| 1 | China | Women |
| 7 | Bangladesh | Men |
| 8 | Argentina | Women |
| 9 | Australia | Women |

Entries data

Entries data

No

Team Name

Event

☐ Men
☐ Women

Discipline

Name

Dob

Height

Create

| Function | Player |
|----------|--------|
| Athlete | |
| Athlete | |
| Athlete | |
| Athlete | |

Entries data

Event

☐ Men
☐ Women

Discipline

Name

Dob

Height

Function

File Lob

Choose File

Cancel

Create

4.7. Medal Standing Report

Olympic 2020 - Tokyo

adi

Home

Olympic Schedule

Medal Standing

Athletes

Basic Info

Administration

Q

Go

Actions

Create

| | Noc | Gold | Silver | Bronze | Rank | Total | Rank By Total |
|--|---------------|------|--------|--------|------|-------|---------------|
| | USA | 39 | 41 | 33 | 1 | 113 | 1 |
| | China | 38 | 32 | 18 | 2 | 88 | 2 |
| | Japan | 27 | 14 | 17 | 3 | 58 | 3 |
| | Great Britain | 22 | 21 | 22 | 4 | 65 | 4 |
| | ROC | 20 | 28 | 23 | 5 | 71 | 5 |
| | Australia | 17 | 7 | 22 | 6 | 46 | 6 |
| | Netherlands | 10 | 12 | 14 | 7 | 36 | 9 |
| | German | 10 | 11 | 16 | 8 | 37 | 8 |
| | Italy | 10 | 10 | 20 | 9 | 40 | 7 |
| | France | 10 | 12 | 11 | 10 | 33 | 10 |
| | Cuba | 7 | 3 | 5 | 11 | 15 | 17 |
| | Brazil | 7 | 6 | 8 | 12 | 21 | 12 |

4.8. Medal Standing Form:

| Olympic 2020 - Tokyo | | | | | | | | adi |
|----------------------|------------------|----------------|----------|------------|----------------|--|--|-----|
| Home | Olympic Schedule | Medal Standing | Athletes | Basic Info | Administration | | | |

Q
Go

| | Noc | Gold | Silver | Bronze | Rank | Total | Rank By Total |
|--|---------------|------|--------|--------|------|-------|---------------|
| | USA | 39 | 41 | 33 | 1 | 113 | 1 |
| | China | 38 | 32 | 18 | 2 | 88 | 2 |
| | Japan | 27 | 14 | 17 | 3 | 58 | 3 |
| | Great Britain | 22 | 21 | 22 | 4 | 65 | 4 |
| | ROC | 20 | 28 | 23 | 5 | 71 | 5 |
| | Australia | 17 | 7 | 22 | 6 | 46 | 6 |
| | Netherlands | 10 | 12 | 14 | 7 | 36 | 9 |
| | German | 10 | 11 | 16 | 8 | 37 | 8 |
| | Italy | 10 | 10 | 20 | 9 | 40 | 7 |
| | France | 10 | 12 | 11 | 10 | 33 | 10 |
| | Cuba | 7 | 3 | 5 | 11 | 15 | 17 |
| | Brazil | 7 | 6 | 8 | 12 | 21 | 12 |

Medal Standing Info

Medal Standing Info

Noc

G1

S2

B3

Cancel

Create

4.9. Medalist Report:

| Olympic 2020 - Tokyo | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|-------------------|----------------------|-------|-------|
| Home Olympic Schedule Medal Standing Athletes Basic Info Administration | | | | | | |
| <input type="text"/> <input type="button" value="Go"/> <input type="button" value="Actions"/> <input type="button" value="Create"/> | | | | | | |
| | Noc | Name | Sports | Event | Medal | Image |
| | ROC | ROMASHINA Svetlana | Artistic Swimming | Duet | G | |
| | Italy | STANO Massimo | Athletics | Men's 20km Race Walk | G | |
| | Australia | FOX Jessica | Canoe Slalom | Women's Canoe | G | |
| | Canada | BECKE Janine | Football | Women | G | |

4.10. Medalist Info Form:

| Olympic 2020 - Tokyo | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|--------|-------|-------|-------|
| Home Olympic Schedule Medal Sta | | | | | | |
| <div> <input type="text"/> <input type="button" value="Go"/> <input type="button" value="Actions"/> <input type="button" value="Create"/> </div> | | | | | | |
| | Noc | Name | Sports | Event | Medal | Image |
| | ROC | ROMASHINA | | | G | |
| | Italy | STANO Massimo | | | G | |
| | Australia | FOX Jessica | | | G | |
| | Canada | BECKE Janine | | | G | |
| | Japan | HASHIMOTO | | | G | |

Medalist Info

Medalist Info

Noc

Name

Sports

Event

Medal

☐ G

☐ S

☐ B

File List

Choose File

4.11. Multi Medalist

Olympic 2020 - Tokyo

Home Olympic Schedule Medal Standing Athletes Basic Info Videos Sports Administration

Go Actions Create

| | Name | Noc | Discipline | Gold | Silver | Bronze | Image | Total | Ranking |
|--|----------------|-----------|------------|------|--------|--------|-------|-------|---------|
| | DRESSEL Caeleb | USA | Swimming | 5 | 0 | 0 | | 5 | 1 |
| | McKEON Emma | Australia | Swimming | 4 | 0 | 3 | | 7 | 2 |
| | AN San | Korea | Archery | 3 | 0 | 0 | | 3 | 3 |
| | McKEOWN Kaylee | Australia | Swimming | 3 | 0 | 1 | | 4 | 3 |

Activate Windows
Go to Settings to activate Windows.

4.12. Multi Medalist Data

Olympic 2020 - Tokyo

Home Olympic Schedule Medal Standing Athletes Basic Info Videos Sports Administration

Go Actions Create

| | Name | Noc | Discipline | Gold | Silver | Bronze | Image | Total | Ranking |
|--|----------------|-----------|------------|------|--------|--------|-------|-------|---------|
| | DRESSEL Caeleb | USA | Swimming | 5 | 0 | 0 | | 5 | 1 |
| | McKEON Emma | Australia | Swimming | 4 | 0 | 3 | | 7 | 2 |
| | AN San | Korea | Archery | 3 | 0 | 0 | | 3 | 3 |
| | McKEOWN Kaylee | Australia | Swimming | 3 | 0 | 1 | | 4 | 3 |

Multi Medalist Data

Multi Medalist Data

Name

Noc

Discipline

Gold

Silver

Bronze

File List

Choose File

4.13. Athletes

| Olympic 2020 - Tokyo | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|---------------------|------------|
| Home | Olympic Schedule | Medal Standing | Athletes | Basic Info |
| <div> <input type="text"/> <input type="button" value="Go"/> <input type="button" value="Actions"/> <input type="button" value="Create"/> </div> | | | | |
| | Name | Noc | Discipline | Player |
| | ABAD Nestor | Spain | Artistic Gymnastics | |
| | ABALDE Tereza | Spain | Basketball | |
| | RAHMAN Mohammad | Bangladesh | Athletics | |
| | PARVEEN Najma | Pakistan | Athletics | |

4.14. Athlets_data_entry

Olympic 2020 - Tokyo
Home
Olympic Schedule
Medal Standing
Athletes
Basic Info
Administration

| | Name | Noc | Discipline | Player |
|--|-----------------|------------|---------------------|--------|
| | ABAD Nestor | Spain | Artistic Gymnastics | |
| | ABALDE Tereza | Spain | Basketball | |
| | RAHMAN Mohammad | Bangladesh | Athletics | |
| | PARVEEN Najma | Pakistan | Athletics | |

Athletes_data_entry

Athletes_data_entry

Name

Noc

Discipline

File List:

4.15. Entries by discipline

Olympic 2020 - Tokyo

adri

Home

Olympic Schedule

Medal Standing

Athletes

Basic Info

Videos

Sports

Administration

Q

Go

Actions

Create

| | Discipline | F | M | Total |
|--|-----------------------|-----|------|-------|
| | Cycling BMX Racing | 24 | 24 | 48 |
| | Cycling Mountain Bike | 38 | 38 | 76 |
| | 3x3 Basketball | 32 | 32 | 64 |
| | Artistic Gymnastics | 98 | 98 | 196 |
| | Athletics | 951 | 1066 | 2017 |
| | Basketball | 144 | 144 | 288 |
| | Beach Volleyball | 48 | 48 | 96 |
| | Canoe Slalom | 41 | 41 | 82 |
| | Cycling BMX Freestyle | 9 | 9 | 18 |
| | Cycling Road | 70 | 131 | 201 |
| | Cycling Track | 92 | 103 | 195 |
| | Archery | 64 | 64 | 128 |

4.16. Entries by discipline Data

| | | |
|----|----------------------------|---|
| Go | entries by discipline data | X |
|----|----------------------------|---|

entries by discipline data

Discipline

F

M





Cancel

Create

| | |
|-----------------------|------|
| | M |
| Cycling BMX Racing | 24 |
| Cycling Mountain Bike | 38 |
| 3x3 Basketball | 32 |
| Artistic Gymnastics | 98 |
| Athletics | 1066 |
| Basketball | 144 |
| Beach Volleyball | 48 |
| Canoe Slalom | 41 |
| Cycling BMX Freestyle | 9 |
| Cycling Road | 131 |
| Cycling Track | 92 |
| | 103 |

4.17. Coaches

| Olympic 2020 - Tokyo | | | | | |
|----------------------|------------------|----------------|----------|------------|--------|
| Home | Olympic Schedule | Medal Standing | Athletes | Basic Info | Videos |
| Sports | Administration | | | | |





| Name | Noc | Discipline | Event | Image |
|-------------------|---------|------------|-------|-------------------------------------------------------------------------------------|
| AL SAADI Kari | Germany | Hockey | Men |  |
| ALY Kamal | Egypt | Football | Men |  |
| ANDONOVSKI Vlatko | USA | Football | Women |  |
| ABDELMAGID Wael | Egypt | Football | Men |  |

4.18. Coaches_info

Olympic 2020 - Tokyo

Olympic Schedule
Medal Standings

Go
Actions
Create

| Name | Noc | Discipline | Event | Image |
|-------------------|---------|------------|-------|---------------------------------------------------------------------------------------|
| AL SAADI Kari | Germany | Hockey | Men |  |
| ALY Kamal | Egypt | Football | Men |  |
| ANDONOVSKI Vlatko | USA | Football | Women |  |
| ABDELMAGID Wael | Egypt | Football | Men |  |

Coaches_info

Coaches_info

Name

Noc

Discipline

File Loc

Choose File

Event

Cancel
Create

Then, we also created some report pages for sports where the sports related news, photos, information, schedule are given.
These are:

4.19. 3*3 Basketball schedule(P-13)

Schedule

| Date | Start Time | Location | Event |
|-----------|------------|------------------------|--------------------|
| 7/24/2020 | 11:35 | Aomi Urban Sports Park | Men's Pool Round |
| 7/24/2020 | 10:15 | Aomi Urban Sports Park | Women's Pool Round |
| 7/24/2020 | 10:40 | Aomi Urban Sports Park | Women's Pool Round |

1 - 3

4.20. Archery schedule (P-14)

Schedule

| Date | Start Time | Location | Event |
|-----------|------------|---------------------------|----------------------------------|
| 7/25/2020 | 9:30 | menoshima Final Field | Women's Team 1/8 Eliminations |
| 7/23/2020 | 9:00 | Yumenoshima Ranking Field | Women's Individual Ranking Round |
| 7/23/2020 | 13:00 | Yumenoshima Ranking Field | Men's Individual Ranking Round |

1 - 3

4.21. Athletics schedule (P-18)

Schedule

| Date | Start Time | Location | Event |
|-----------|------------|-------------------------|---------------------------------------|
| 7/31/2020 | 9:50 | Olympic Stadium - Track | Men's 800m Round 1 - Heat 1 |
| 7/31/2020 | 9:00 | Olympic Stadium - Track | Women's 400m Hurdles Round 1 - Heat 1 |
| 8/1/2020 | 11:25 | Olympic Stadium - Track | Men's 400m Round 1 - Heat 6 |

1 - 3

4.22. Badminton schedule (P-22)

Schedule

| Date | Start Time | Location | Event |
|-----------|------------|------------------------------------------|------------------------------------------|
| 8/2/2020 | 13:50 | Musashino Forest Sport Plaza BDM Court 1 | Women's Doubles Gold Medal Match |
| 7/26/2020 | 14:00 | Musashino Forest Sport Plaza BDM Court 3 | Men's Singles Group Play Stage - Group I |
| 8/1/2020 | 13:00 | Musashino Forest Sport Plaza BDM Court 1 | Men's Singles Semi-final |

1 - 3

5. Master-Detail Form

| Page Number and Name | Master Table (Parent) | Detail Table (Child) |
|--------------------------|-----------------------|----------------------|
| P27: Medal-Medalist Info | medal_standing | medal |

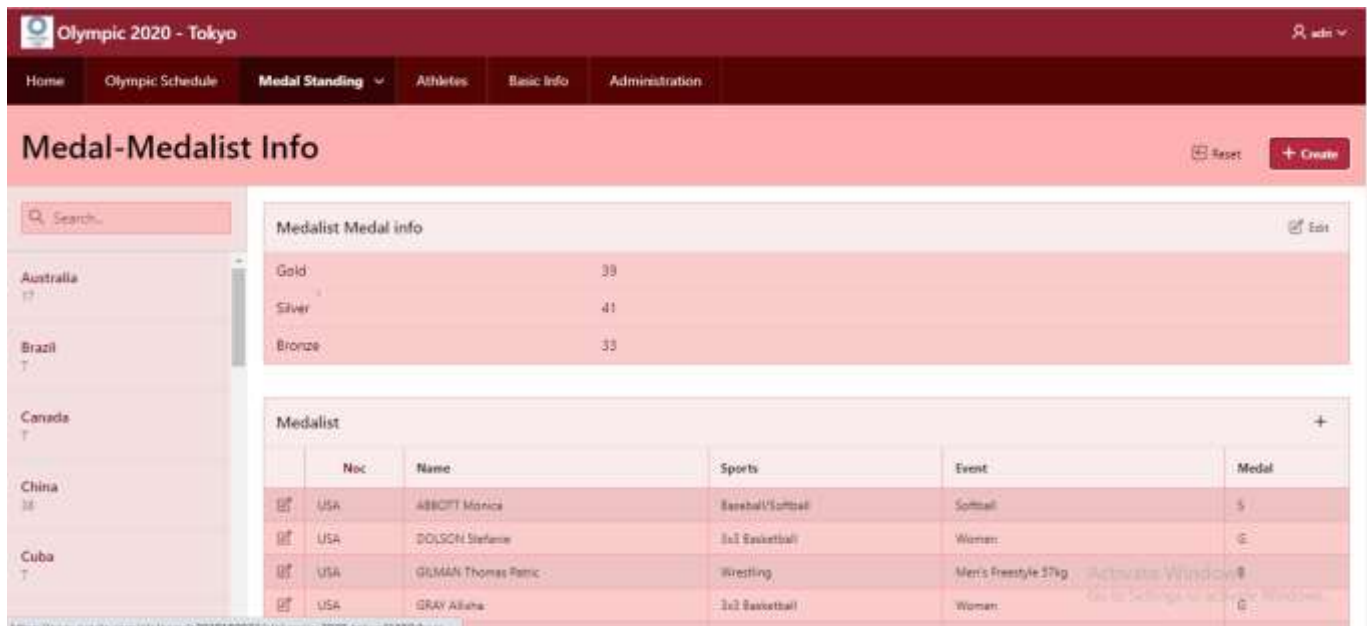


Figure 5.1: NOC-wise medal Information



Figure 5.2: Also can add entries from master table

6. Reports based on Multi-Table and Aggregate Queries

| Page Number and Name | Query Type | Report description |
|---------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| write your report page number and name here | Multi-table/Aggregate | write the description of the report in a simple sentence such as this report shows the total number of instructors per department. |

| | | |
|---------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------|
| P39. Multi Medalist | Multi Table | By this multi table entering someone's name we can easily find out which medals he/she got on which event. |
| P4. Entries by discipline | Aggregate Queries | By this query we can find out the total number of individual female & male entries. Also, total male & female entries. |
| P20. Medal Standing | Aggregate Queries | By this query we can find out the total medals, total rank by gold medal as well total rank by all models |

6.1. Multi- table from Multi Medalist

Detail of Multi medalist

Name
CARRINGTON Lisa

Submit

Details:

| Event ↑ | Medal |
|--------------------------|-------|
| Womens Kayak Double 500m | G |
| Womens Kayak Single 200m | G |
| Womens Kayak Single 500m | G |

1 - 3

6.2. Aggregate queries from Entries by discipline

| Columns... | | |
|------------|---------|-------|
| F(female) | M(male) | Total |
| 2115 | 2342 | 4457 |

7. Aggeregate queries from Medal Standing

| Noc | Gold | Silver | Bronze | Rank | Total | Rank By Total |
|---------------|------|--------|--------|------|-------|---------------|
| USA | 39 | 41 | 33 | 1 | 113 | 1 |
| China | 38 | 32 | 18 | 2 | 88 | 2 |
| Japan | 27 | 14 | 17 | 3 | 58 | 5 |
| Great Britain | 22 | 21 | 22 | 4 | 65 | 4 |

8. Parameterized Reports

| Page Number and Name | Given Input | Report description |
|------------------------|-------------------|---------------------------------------------------------------------|
| P36. Search for player | Discipline, Event | It shows the players information of a particular discipline & event |
| P10. Coaches | NOC, Sport | It shows the coaches names for a particular NOC & Sport |

8.1. Search for player

Search Player by Discipline

Discipline 3X3 BasketBall ▾

Event Men ▾

Search 🔍

Player

| No ↑ | Team Name | Name | Date of Birth | Height |
|------|-----------|------------------|---------------|-----------|
| 1 | Belgium | CELIS Nick | 11/24/1988 | 1.96/6'5" |
| 2 | Belgium | VERVOORT Thibaut | 12/10/1997 | 1.96/6'5" |
| 3 | Belgium | BOGAERTS Rafael | 8/16/1993 | 1.98/6'5" |

1 - 3

8.2. Country wise Coaches

Country Wise Coach

Noc

Egypt

Sports

Football

Submit

Coaches

Name

ABDELMAGID Wael

ALY Kamal

1 - 2

8. Charts

| Page Number and Name | Chart description |
|----------------------|-------------------------------------------------------------------------------------|
| P31: Basic Info | The bar chart shows country wise winning gold medals from 'medal standing' table. |
| | The bar chart shows country wise winning silver medals from 'medal standing' table. |
| | The bar chart shows country wise winning bronze medals from 'medal standing' table. |
| | The pie chart shows discipline wise male participation from 'entriesbydeci' table. |
| | The pie chart shows discipline wise female participation 'entriesbydeci' table. |

Basic Info (Chart Report): Page 31

8.1. Gold medal wise country



8.2. Silver medal wise country

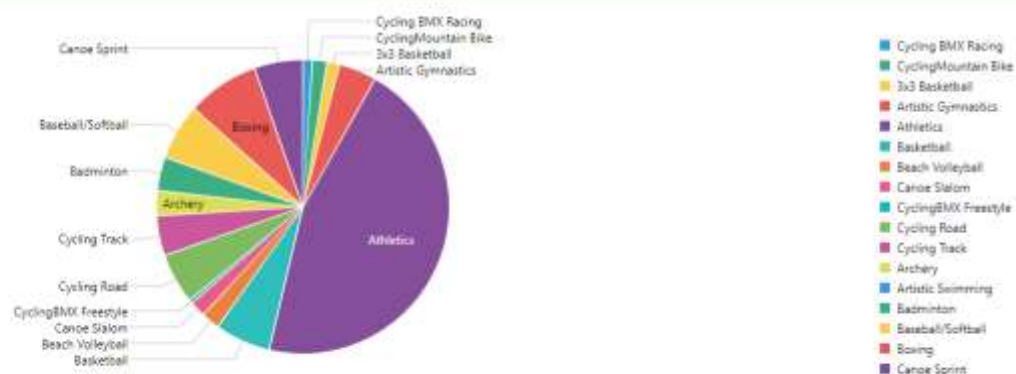


8.3. Bronze medal wise country



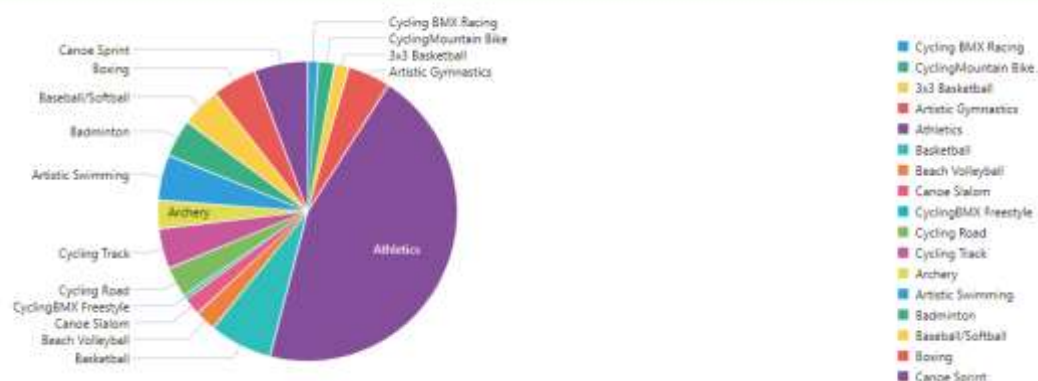
8.4. Discipline wise male participation

Discipline wise Male Participation



8.5. Discipline wise female participation

Discipline Wise Female Participation



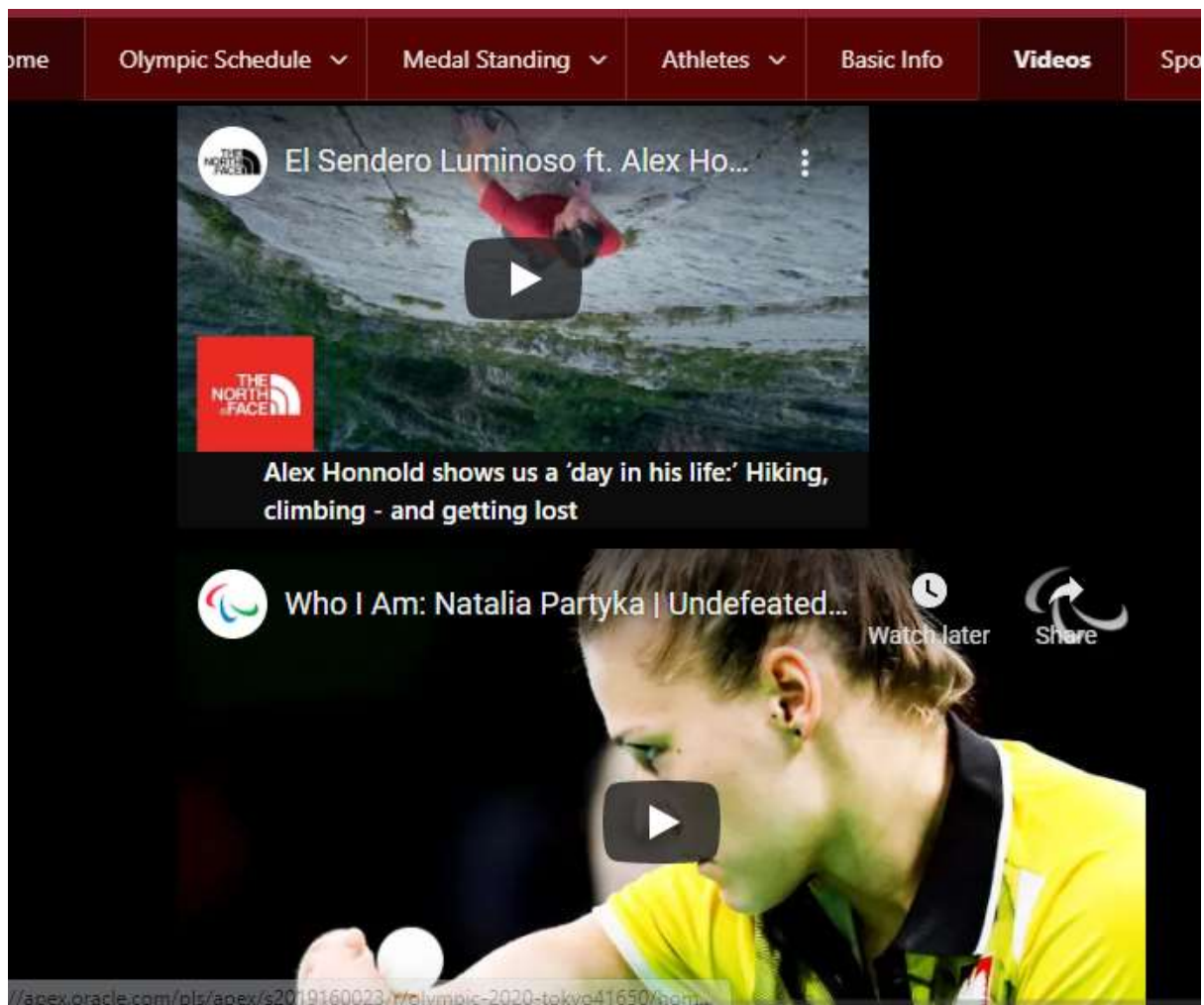
Some extra functions in our application:

We have also created feedback page, some blank pages to add Olympic news, photos, featured videos, logo, background images by using html, CSS. There are some screenshots are in given below:

Video page (P-11):



[Home](#)[Olympic Schedule](#) ▾[Medal Standing](#) ▾[Athletes](#) ▾[Basic Info](#)[Videos](#)




Sport Page:



By clicking on that,

3x3 Basketball: (P13)

 Olympic 2020 - Tokyo

Home

Olympic Schedule

Medal Standing

Athletes


Basic Info

Videos

Sports

Administration

3X3 Basketball



e

Medal Standing

Athletes

Basic Info

Videos

Sports

Administration

Overview

3x3 basketball is an exciting and innovative sport. It developed from street basketball and is considered to be the world's No. 1 urban team sport. In 2007, the International Basketball Federation (FIBA) formally adopted universal rules for 3x3 basketball ahead of its debut at the 2010 Youth Olympic Games (YOG) in Singapore.

Since 2012, FIBA has organised the FIBA 3x3 World Cup which is contested among nations while the FIBA 3x3 World Tour is club based. In 2017, 3x3 was selected as an official Olympic sport for the Tokyo 2020 Games and is the first-ever new YOG discipline to be included in the Olympic programme. As a result, in just seven years the sport has gone from the streets to the Olympic Games.

Some 182 countries and regions participate in the world competitions, and the number of players practising the sport exceeds 430,000.

3x3 basketball is played on half a regular five-a-side basketball court, with each team shooting into a single hoop. Teams consists of four players, three players on court and one substitute. A coin toss is held to determine which team will start the game on offence. The three-point line in conventional basketball serves as the two-point line in 3x3 basketball, with shots made outside the line earning two points and those inside it one (free throws also earn a single point if a foul is committed inside the arc). The winner is the team with the highest score at the end of the 10-minute period, or the first team to reach 21 points. If the score is tied after 10 minutes, the game goes into overtime with the first team to score two points declared the winner.

Event Programme

8-team tournament (Men/Women)

Essence of the sport

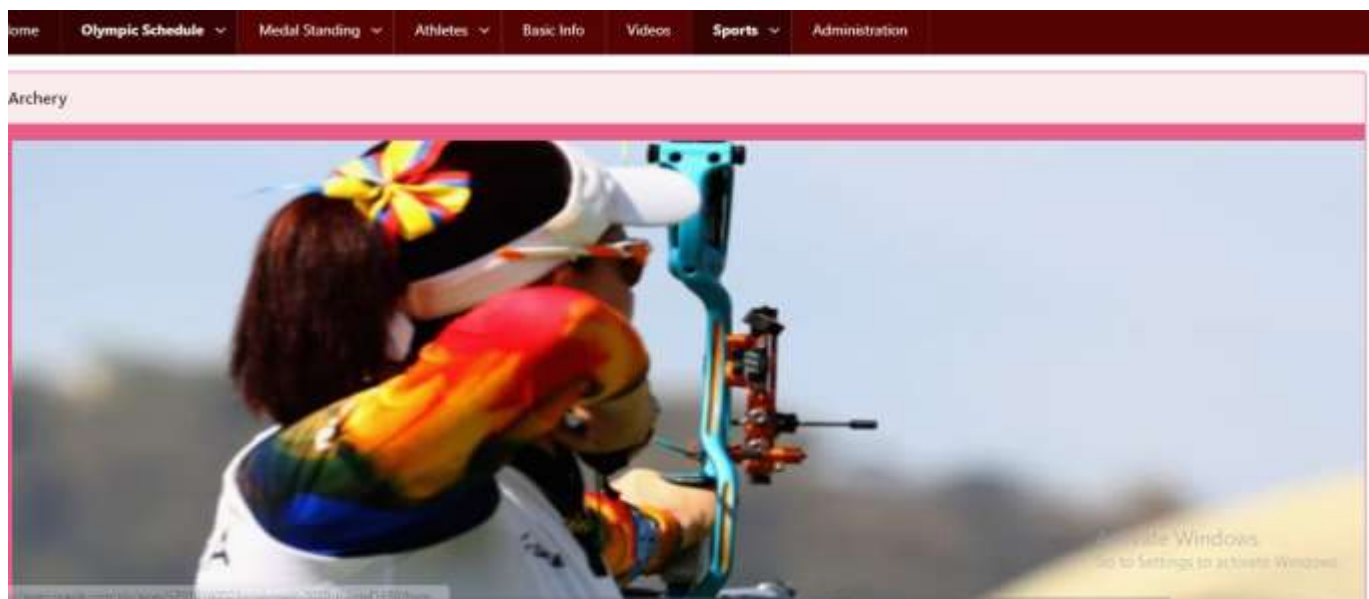
A fast-paced and dynamic sport that switches between offence and defence in a flash.

3x3 is known for its highly entertaining atmosphere with games being played at iconic locations in the city, while DJs and music help create an exciting and urban atmosphere.

However, the highlight of 3x3 basketball is its fast pace. There is no break after a goal or foul, and the team on offence must take a shot within 12 seconds from possession of the ball.

Unlike the five-a-side game, players are not required to be specialists, rather they should be versatile all-rounders, with strong skills in both shooting and

Archery (P14):



Overview

Archery dates back over 10,000 years, when bows and arrows were first used for hunting and warfare, before it developed as a competitive activity in medieval England. There are several variants, including target archery, where competitors shoot at stationary targets on a flat range; and field archery, which involves shooting at targets of varying and often unmarked distance, typically in woodland and rough terrain. Only target archery is an Olympic sport, practised in more than 140 countries around the world.

Archery made its Olympic debut at Paris 1900 and also featured in 1906 and 1920. But the rules were inconsistent and entirely dependent on the host country, making it difficult for the athletes. After a 52-year gap, the modernised sport was reintroduced at Munich 1972 and has remained on the Olympic programme ever since. At Tokyo 2020, athletes will compete in men's and women's individual events, men's and women's team events and a mixed team event. The mixed team event is a new addition to the Olympic programme.



Event Programme

- Individual competition (Men/Women)
- Team competition (Men/Women)
- Mixed Team

Essence of the sport

Coping with the mental pressure

The archery competition starts with a ranking round on the day of the Opening Ceremony. All 64 men and 64 women shoot 72 arrows and are then ranked from first to 64th based on their total scores. They then compete in pairs based on their rankings, with the first-ranked archer facing off against the 64th-ranked archer, the second-ranked against the 63rd-ranked, and so on.

Athletics(P-18):



Overview

The athletics track at the Olympic Stadium is a 400m oval. For all track events the finish line is in the same place, at the end of the 'home straight'. The track programme comprises sprints, middle-distance and long-distance events for men and women; hurdles and steeplechase races; and relays. Most events start with heats, with the fastest athletes or teams progressing to semi-finals and then the final. To become the fastest human being at a particular distance requires not only speed but also supreme fitness, strength and the ability to master challenging techniques, such as the start in sprints and clearing the barriers in hurdles and steeplechase events. Short-distance sprint races are the 100m, 200m and 400m. These three events (each with men's and women's categories), along with two hurdles events for men and two for women, employ a crouching start using starting blocks. The 100m, which determines the fastest human being and is one of the most eagerly awaited event at any Games, is run on a straight course. The distance was covered in 12 seconds at the Athens 1896 Games while Jim Hines (USA) became the first Olympian to dip below 10 seconds at Mexico 1968. Since then, the world record has been lowered primarily by American and Jamaican athletes. The current men's 100m world record is 9.58 seconds, set by the greatest sprinter in history, Usain Bolt (Jamaica), at the IAAF World Championships in 2009. Remarkably, any athlete running the distance in under ten seconds covers ten metres in less than one second.

Event Programme

- 100m (Men/Women)
- 200m (Men/Women)
- 400m (Men/Women)
- 800m (Men/Women)
- 1,500m (Men/Women)
- 5,000m (Men/Women)
- 10,000m (Men/Women)

Essence of the sport

Tactics and technique

Middle and long-distance events range from 800m to 10,000m. In the shortest of these, athletes must stay in separate lanes for the first 100m, after which they are free to use any lane. In the 1,500m and longer races, athletes stand along a crescent-shaped start line and all lanes are open to run in.

Middle-distance athletes often need to find a scintillating last spurt of speed to cross the finish line first, while endurance and running efficiency allied to flexible tactics can prove decisive in the longer races.

The 3,000m steeplechase poses the additional challenge of jumping over barriers placed at five points around the track. The height of these obstacles is fixed at 36 inches (91.4cm) for men and 30 inches (76.2cm) for women. One of the five consists of a water jump, which further saps the energy and can be tricky to manoeuvre.

There are four hurdles events: women's 100m, men's 110m, and the men's and women's 400m. The shorter events are run on a straight track, the longer races over one lap, all with ten hurdles to overcome.

In four-person relay events, victory is not simply a matter of getting together the athletes with the fastest times. As the Japanese team competing in the men's 4x100m relay at Rio 2016 proved, technique can count for more.

In a race crowded with athletes capable of running 100m in less than ten seconds, the Japanese team didn't have a single athlete at that level yet still placed second to powerhouse Jamaica. How? Japan utilised an underhand baton pass, a technique that is very efficient but difficult to execute. The team thoroughly researched the method then practised it relentlessly.

Badminton(P-22):



Overview

Unlike other net sports, badminton uses a shuttlecock instead of a ball. A shuttlecock is an open conical object formed by goose feathers embedded in a rounded cork base. The speed at which this projectile moves is higher than in any other racket sport. Badminton became an official sport at the Barcelona 1992 Olympic Games. The competition at Tokyo 2020 will consist of men's and women's singles, men's and women's doubles, and mixed doubles.

A match consists of best-of-three games, with the first player or pair to reach 21 points winning the game. If the score is 20-all, the side that gains a two-point lead wins that game. If the difference is less than two, the game continues until the two-point difference is achieved. If the score gets to 29-all, the side that reaches 30 first wins the game.

A match is won by winning two games. Either the server or receiver can win a point by winning the rally.

In singles events, players are divided into 12-16 groups of three to four players each for a series of round-robin matches. The top-ranked player in each group then advances to the round-of-16.

In doubles, players are divided into four round-robin groups of four. The two top-ranked pairs in each group then progress to the quarterfinals.



Event Programme

- Singles (Men/Women)
- Doubles (Men/Women)
- Mixed Doubles

Essence of the sport

A test of strategy as well as skill

Essence of the sport


A test of strategy as well as skill

Players aim to win points with a variety of tactics, incorporating attack, defence, deception and extended rallies. Subtle 'drop shots' are played at the net to force opponents out of position. Hard attacking shots such as smashes are used to try to win points outright. High-level players typically anticipate two or three strokes ahead as they play. This mental battle to outwit an opponent is one of the most enthralling aspects of the sport.

In the singles game, it's important to move an opponent around the court to create open space into which the shuttlecock can be hit. In doubles, competitors play at a dizzying pace as they rotate from attack to defence and back again.


In doubles, the weakest player may come under sustained attack, placing the focus on their ability to return powerful shots from the opposing player.

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9. Authorization and User Role Assignment

User Role Assignment

| Username | Password | Role | User Activated |
|----------|----------|---------------|----------------|
| admin | admin123 | Administrator | 1 |
| adri | adri123 | Administrator | 1 |
| rafe | rafe123 | Administrator | 1 |

10. Concluding Remarks

First, we want to **THANK YOU** sir for giving us this great opportunity of doing this wonderful project with **ORACLE APEX**. By help of your guidance and some YouTube videos we able to implement this website. This project has increased our knowledge on making websites & made us more confident to become a future developer. We enjoyed a lot by making this webpage. We have learned to how to use sql, aggregate queries to make a proper website. By doing this project, we also faced some troubles. As an example, we were not able to be figuring out how to use triggers on this page as there is no one to one relation. That's why we created a trigger where entries can't be taken if date is earlier than 21-July-2020 or late than 8-august-2020. There was also challenging to add videos on websites. But after some research, we also add featured videos by help of html, CSS. So, despite everything we finally able to complete our project. We are very grateful to you to give us this opportunity to increase our knowledge and creativity on building websites.