

CSE302: Database Systems
Project Report

Title : Olympic 2020

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

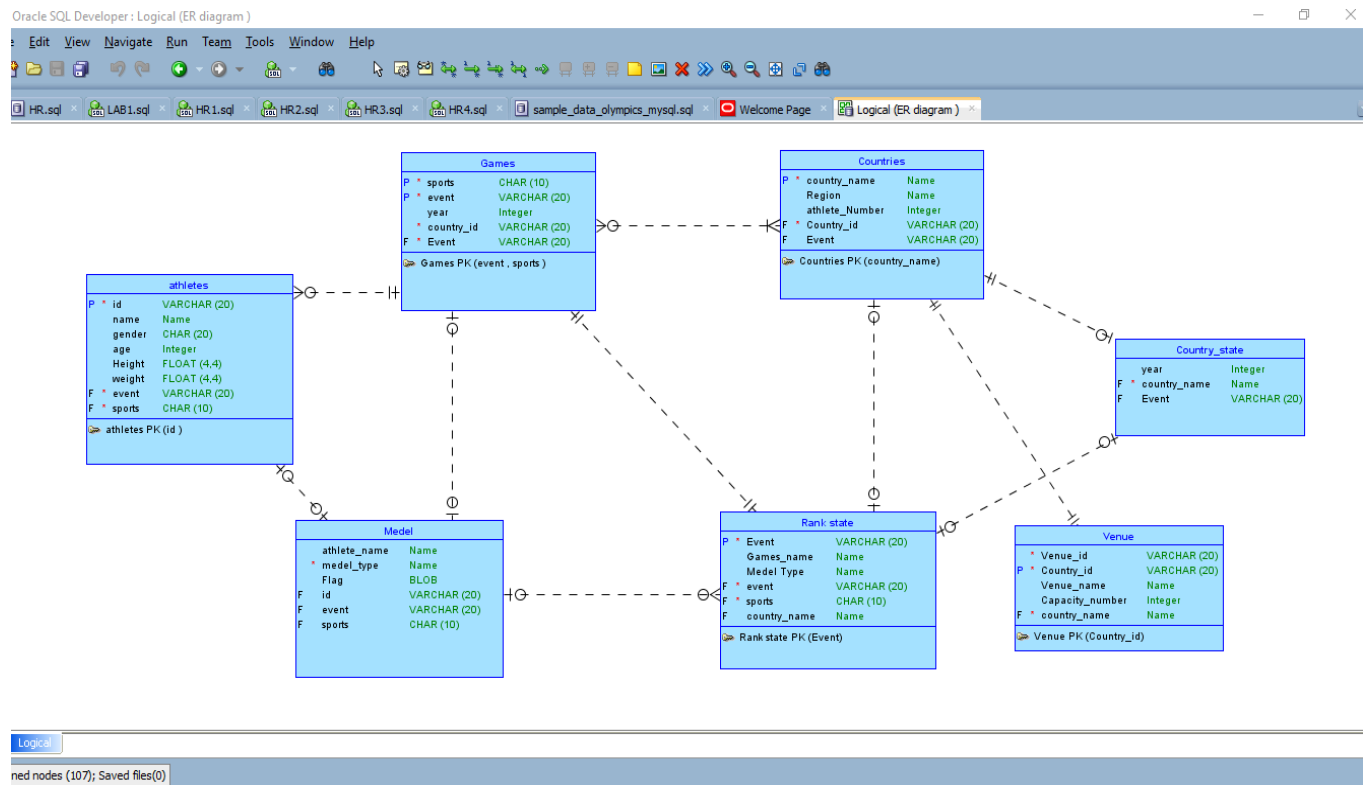


Figure 1.1: ER model of the project

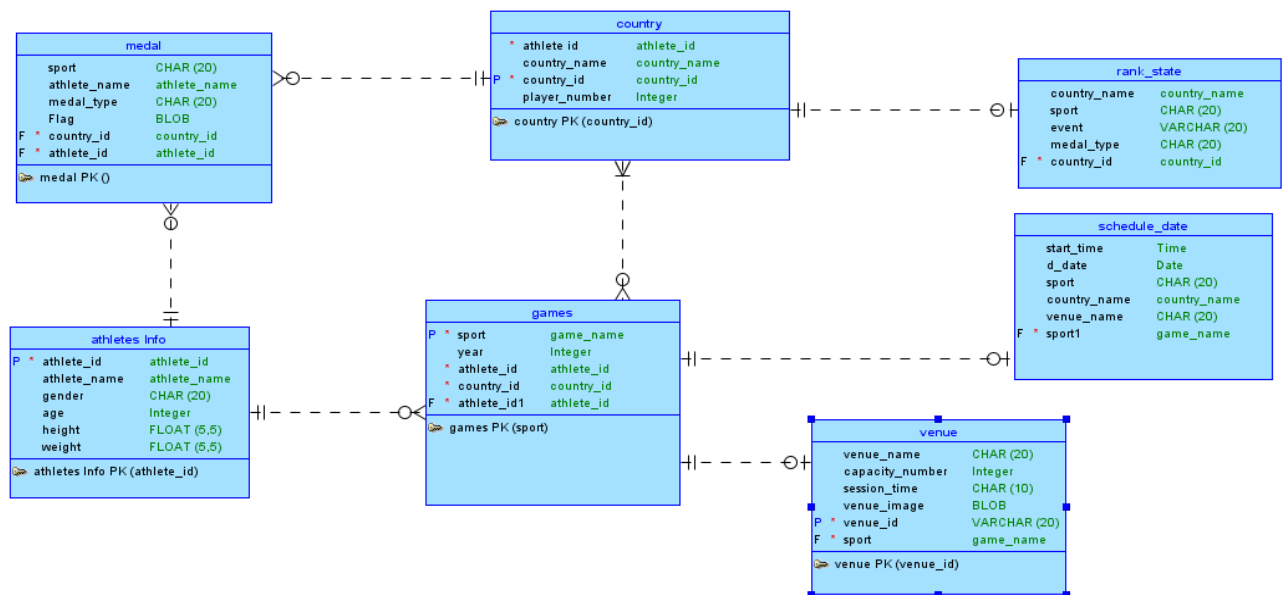


Figure 1.2: ER model of the project

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

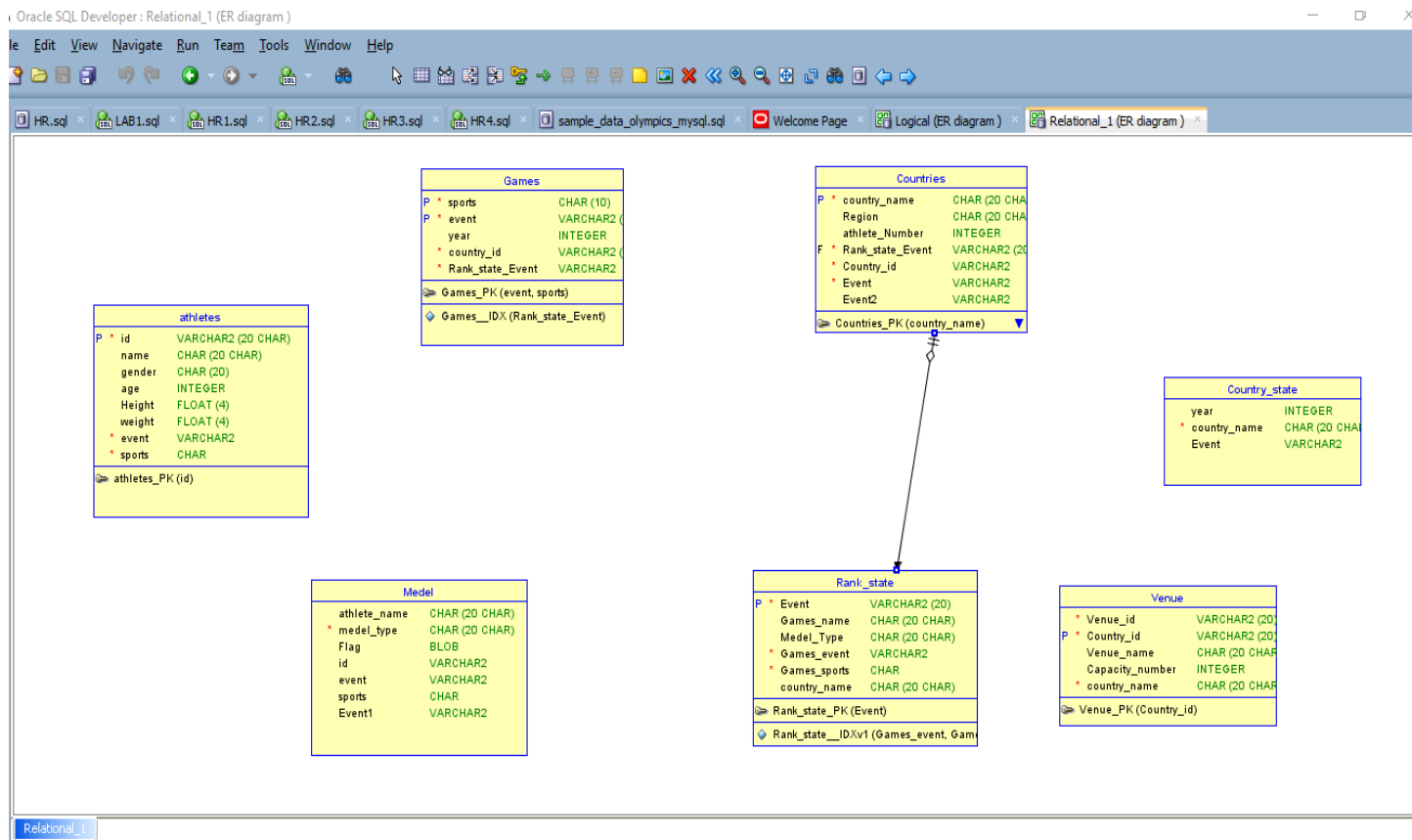


Figure 2.1: Relational Data model of the project

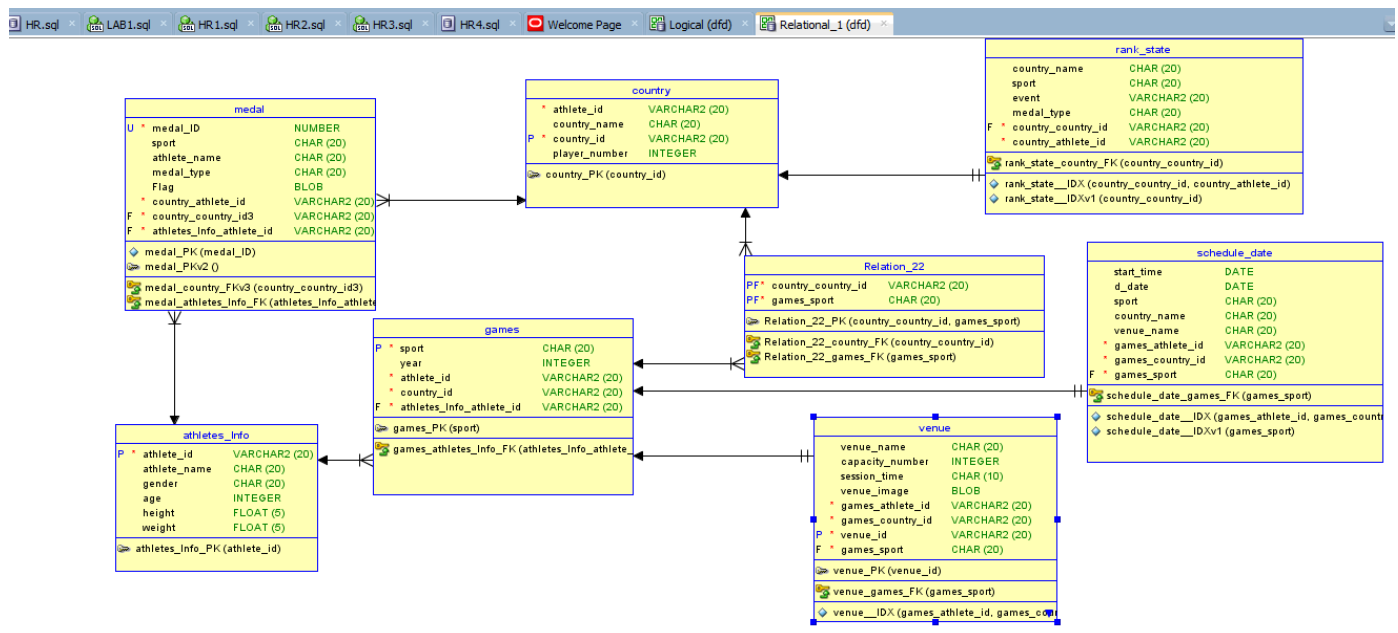


Figure 2.2: Relational Data model of the project

3. Implementation Checklist

Uploaded and Displayed Images in Reports	Yes (In MEDEL Page)
Implemented Page-wise Authorization	Yes
Number of Reports with Forms	7
Number of Master-detail Forms	2
Number of Reports based on Queries, Aggregate Queries	2
Number of Parameterized Reports	2
Number of Graphs/Charts	4
Included any trigger/other feature which is not taught in class. If yes, please explain briefly.	Dashbord,activity report, email report,configuration option,theme style selection
Write the most unique feature/functionality in your application or the page of your application which you are proud of. Explain briefly.	Athlete_Country Information report as a mastertable. There have athlete information and also you can get country information by searching as athlete_id.

4. Reports with Forms

Report Page Number and Name	Form Page Number and Name	Table
write your report page number and name here	write your form page number and name here	write the name of the table for which pages are created
Athlete info(2)	Athlete info(2)	Athlete search parameterize
GAMES (4)	GAMES (4)	medel
Countries (6)	Countries (6)	
Medel (12)	Medel (12)	

	Id	Name	Gender	Age	Height	Weight
	001	Jahani Chadni	women	20	5.1	62
	002	Sazzad Hossen	male	23	6	60
	003	Shuha Ahmed	women	21	5	64
	004	Shishir Ehsas	male	26	6.8	66
	005	Mim Zaman	women	25	6.3	55
	006	Feroz Islam	male	45	6	60
	007	Kledi Kadiu	male	34	6.4	70
	008	Amel Melih	women	35	5.8	64
	009	Samantha Roberts	women	36	6	65
	010	Pollo Mondal	women	22	6	50
	011	Nafis Faiyaz	male	35	5.6	66

Figure 5.1: Athlete information

	Sport	Event Code	Athlete Id	Country Id	Year
	Boxing	B10	014	GE	2020
	Rugby	R22	500	BE	2020
	Breaking	06B	004	AS	2020
	Curling	07B	026	AZ	2020
	Equestrian	08B	005	BB	2020
	Fencing	10C	012	EG	2020
	Ice Hockey	13C	019	GD	2020
	Long Jump	T33	006	BT	2020
	Table Tennis	T21	501	DM	2020
	Taekwondo	T22	018	GR	2020
	Sport Climbing	R20	016	GY	2020

Figure 5.2: Games report with form

	Id	Country	Country ID	Player Number
	002	Bangladesh	BD	69
	007	Belgium	BE	10
	BT	Bhutan		6
	DM	Dominica		501
	GR	Greece		18
	GN	Guinea		512
	IS	Iceland		21
	BS	Bahamas		15
	ER	Eritrea		7
	HN	Honduras		505
	HK	Hong Kong		20
				510

Figure 5.3: Countries report with form

	Sport	Athletes Name	Medel Type	Flag
	Shooting	Sazzad Hossen	Gold	
	Badminton	Jahani Chadni	Gold	
	Long Jump	Feroz Islam	Silver	
	Ice Hockey	Maddy Gough	Bronze	
	Judo	Rakibul Hasan	Gold	
	Rowing	Israt Emu	Silver	
	Road Cycling	Kledi Kadiu	Bronze	
	Triathlon	Pollo Mondal	Silver	
	Speed Skating	Tharin Juthi	Bronze	
	Karate	Iftakhir Nibir	Gold	

Figure 5.4: medel report with form

5. Master-Detail Form

Page Number and Name	Master Table (Parent)	Detail Table (Child)
write your master-detail page number and name here	write the master table name here	write the detail table name here
Athelete-Country info (16)	Athlete info	Countriens
Athlete-Rank state(19)	Athlete info	Rank state

The screenshot displays a web application interface for managing athlete and rank state information. The sidebar on the left contains navigation links: Home, Athlets info, GAMES, Countries, COUNTRY STATE, VENUE, MEDAL, Rank State, Athelete-Count..., Athlete info, and Administration. The main content area is titled 'Athlete-Rank state' and features a search bar and a list of athletes. The 'Athlete -Rank state' section shows a table with columns for Name, Gender, Age, Height, and Weight. The 'Rank State' section shows a table with a single row for 'Rank State' and a '+ Add' button. The bottom of the page displays 'Release 1.0'.

Athlete -Rank state	
Name	Sazzad Hossen
Gender	male
Age	21
Height	5.6
Weight	57

Rank State	
Rank State	

Figure 5.1: Athlete and Rank state Information

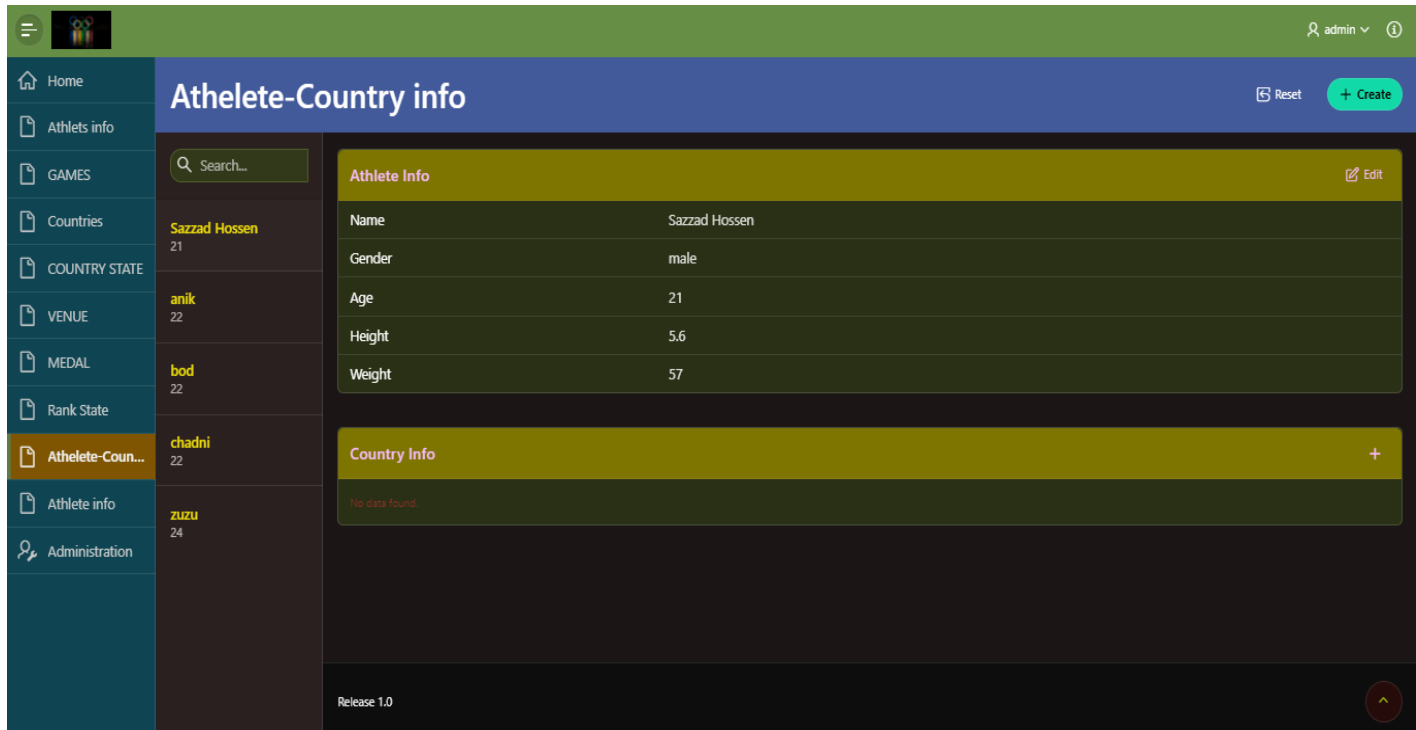


Figure 5.2: Athlete-Country Information

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.
Athlete_country Info(16)	Athlete , country table	Provide you athlete and country information of each player.
Venue parameterized(25)	Venue,rank state	Provide you venue information and rank state graph.

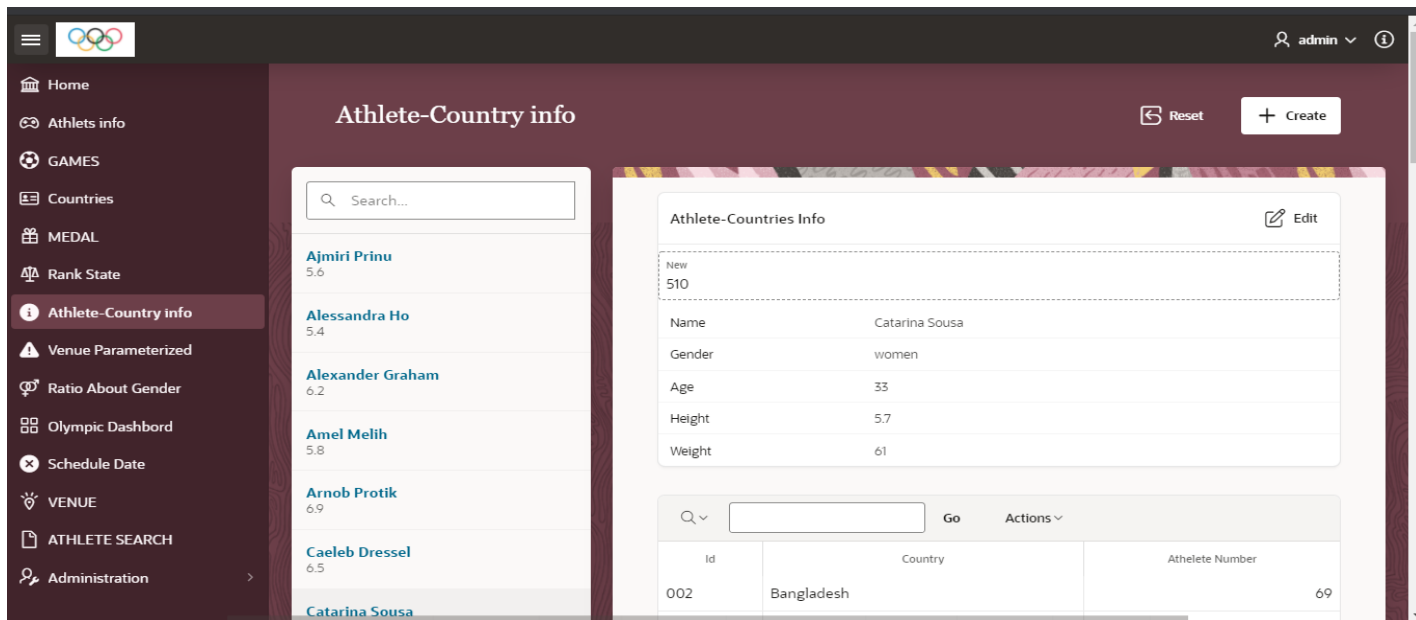


Figure 6.1: Athlete-Country Information

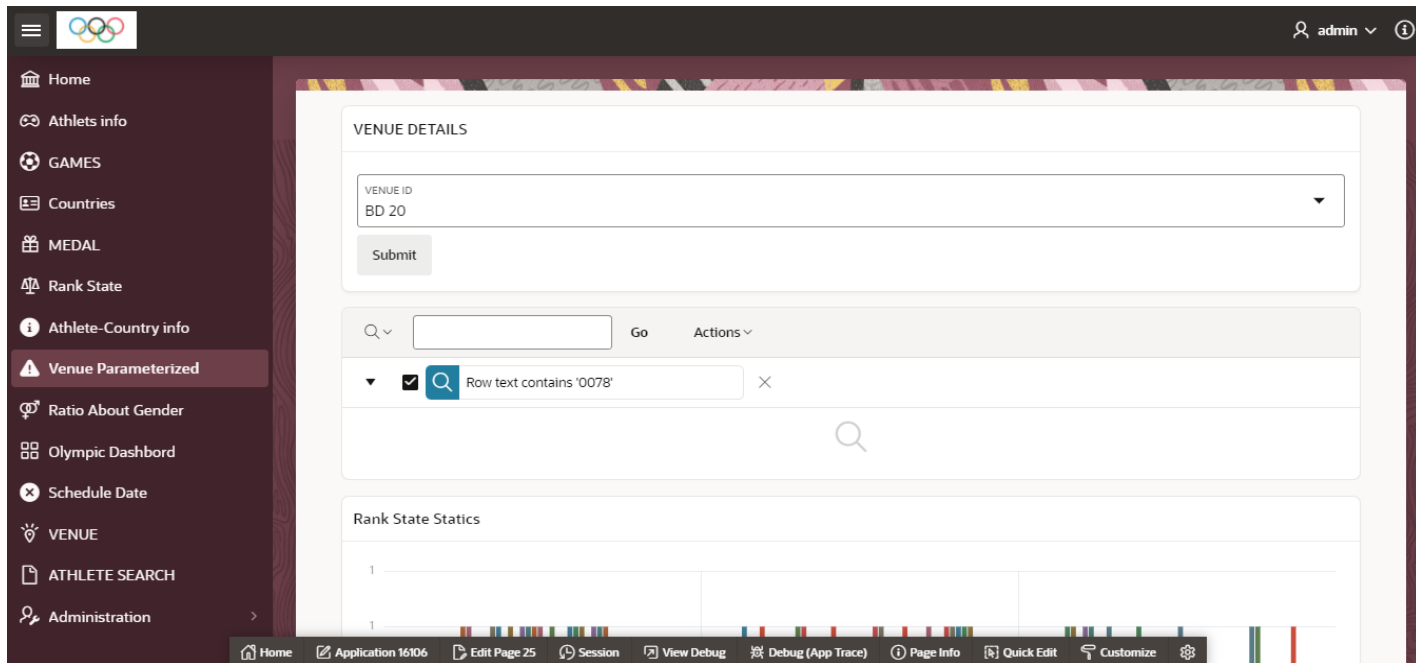


Figure 6.1: Venue and Rank state Query

7. Parameterized Reports

Page Number and Name	Given Input	Report description
write your page number and name here	write the name of the attribute which will be given by user	write the description of the report in a simple sentence such as this report shows the courses taught by the given instructor.
Venue parameterized (25)	Venue_id	Provide you venue information.
Athlete search(8)	Athlete_id	Provide you athlete information

The screenshot displays a web application interface for generating parameterized reports. On the left, a sidebar lists navigation options: Home, Athlets info, GAMES, Countries, MEDAL, Rank State, Athlete-Country info, and **Venue Parameterized** (which is highlighted). The main content area is titled 'VENUE DETAILS' and features a search bar with the text 'VENUE ID BD 20' and a 'Submit' button. Below the search bar is a table with two columns: 'Venue Id' and 'Session Time'. The table contains six rows, each with 'BD 20' in the 'Venue Id' column and 'Winter' in the 'Session Time' column. At the bottom of the interface, there is a footer bar with various application details and tools, including 'Home', 'Application 16106', 'Edit Page 25', 'Session', 'View Debug', 'Debug (App Trace)', 'Page Info', 'Quick Edit', and 'Customize'.

Figure 7.1: Venue parameterized

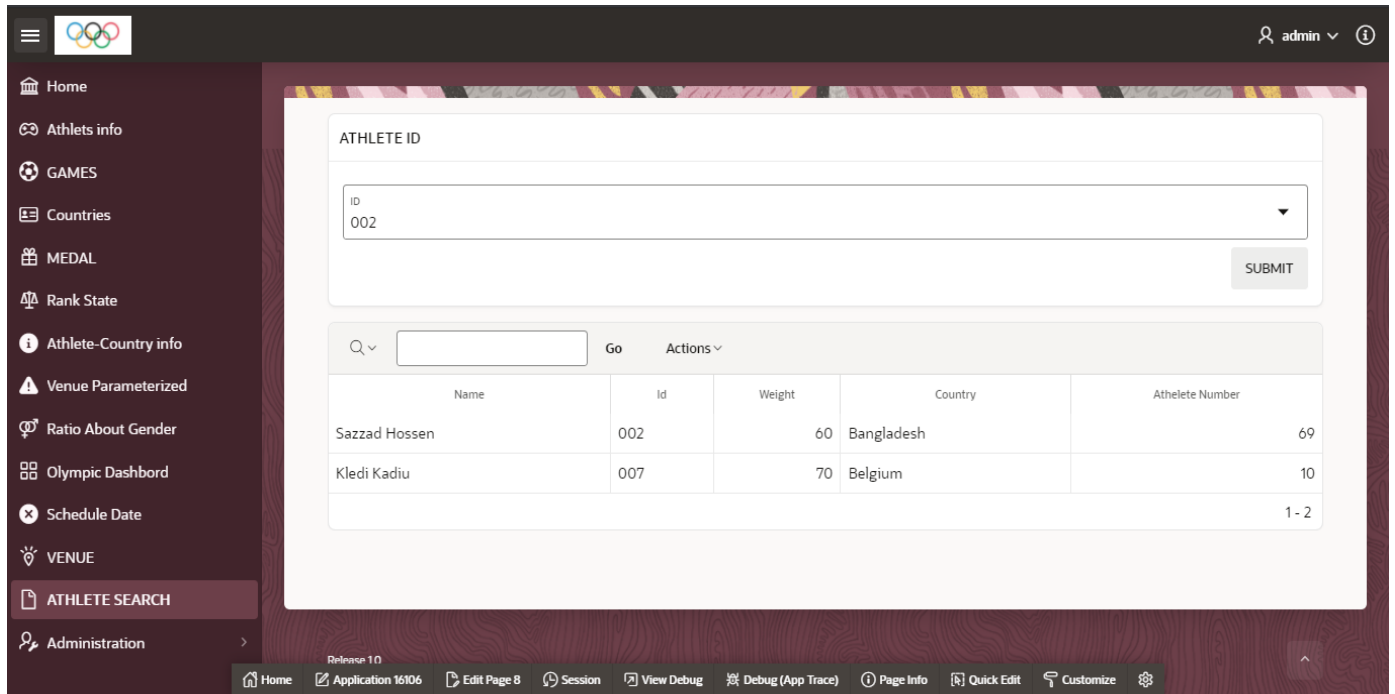


Figure 7.2: ATHLETE SEARCH Parameterize

8. Charts

Page Number and Name	Chart description
write your page number and name here	write the description of the chart in a simple sentence such as this bar chart shows the number of students enrolled per semester at each year.
Olympic Dashbord (27)	Three Chart there : VENUE CAPACITY NUMBER,Gender ratio,medel type
Venue parameterized	Rank state statics

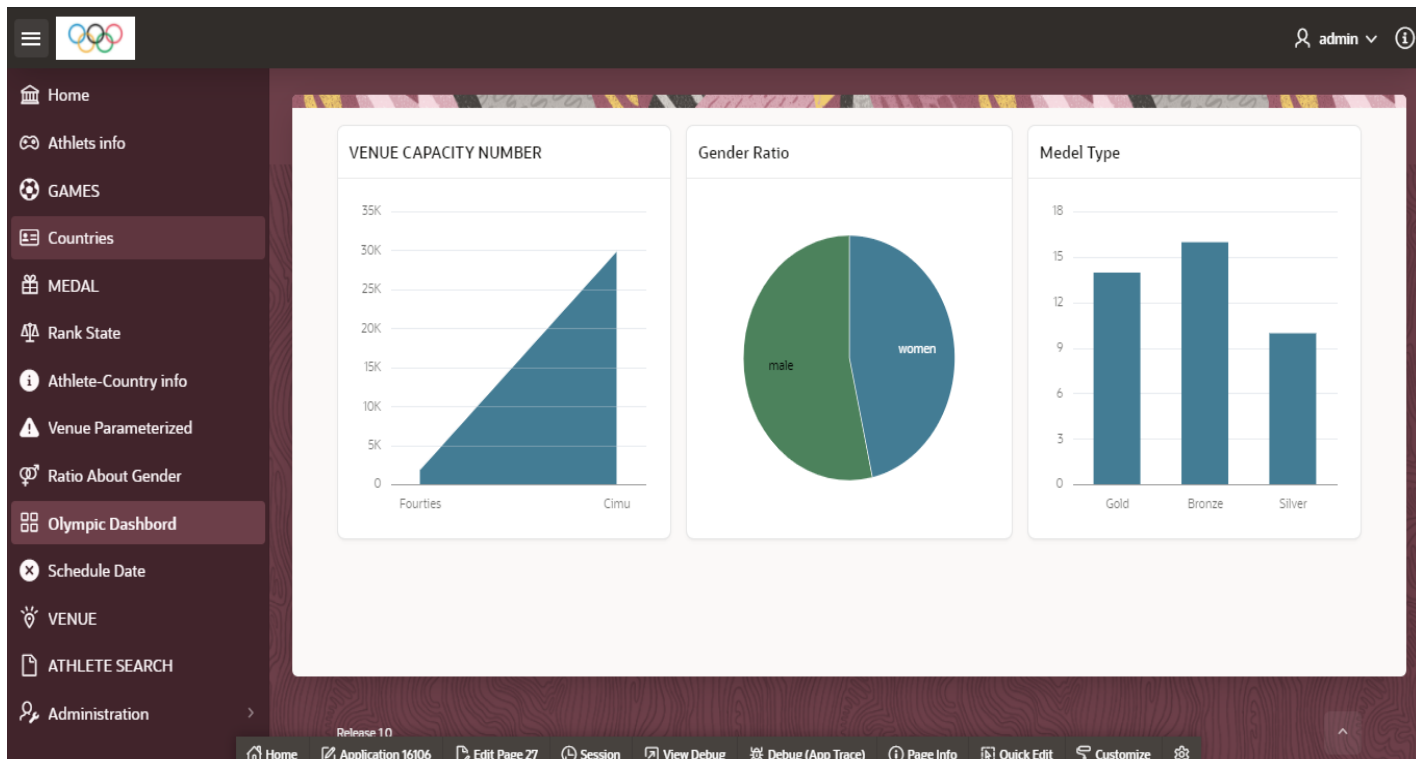


Figure 8.1: Olympic Dashbord Chart

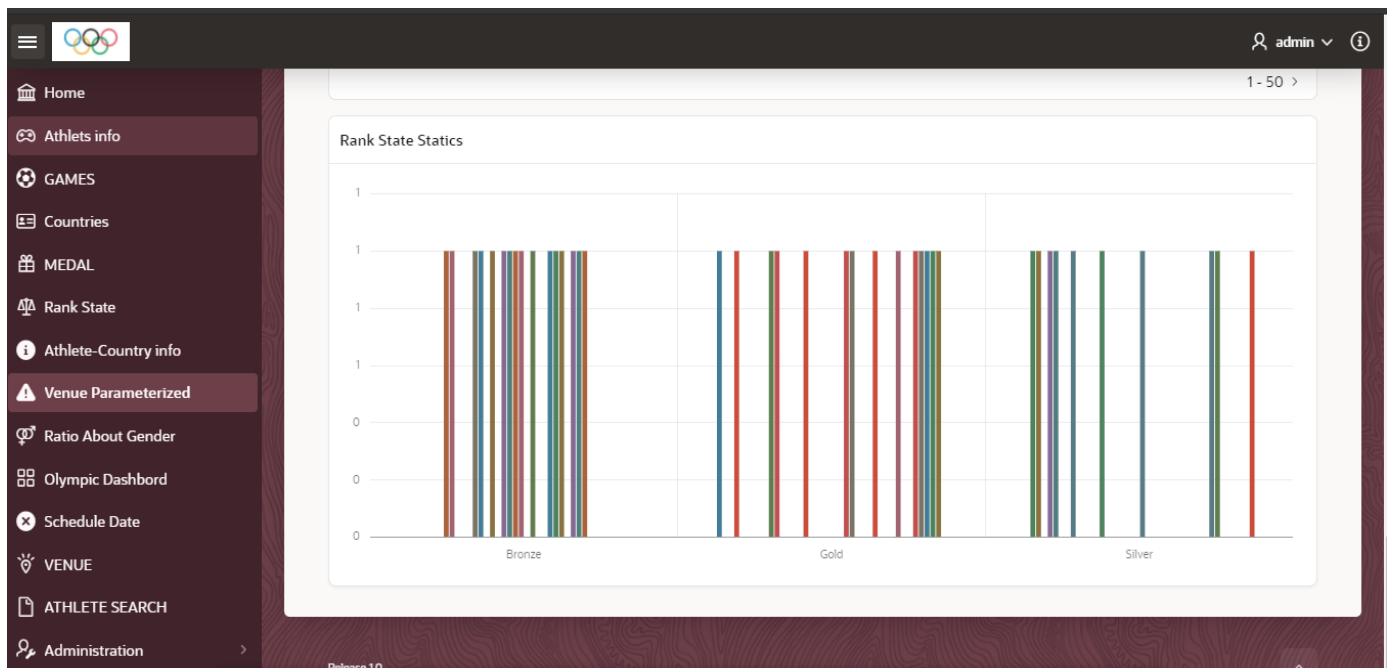


Figure 8.2: Rank state Graph

9. Authorization and User Role Assignment

User Role Assignment

User name	Password	Role
Example: admin	Example: admin123	Example: Administrator
sazzad	Sazzad123	Administrator
chadni	Chadni123	reader

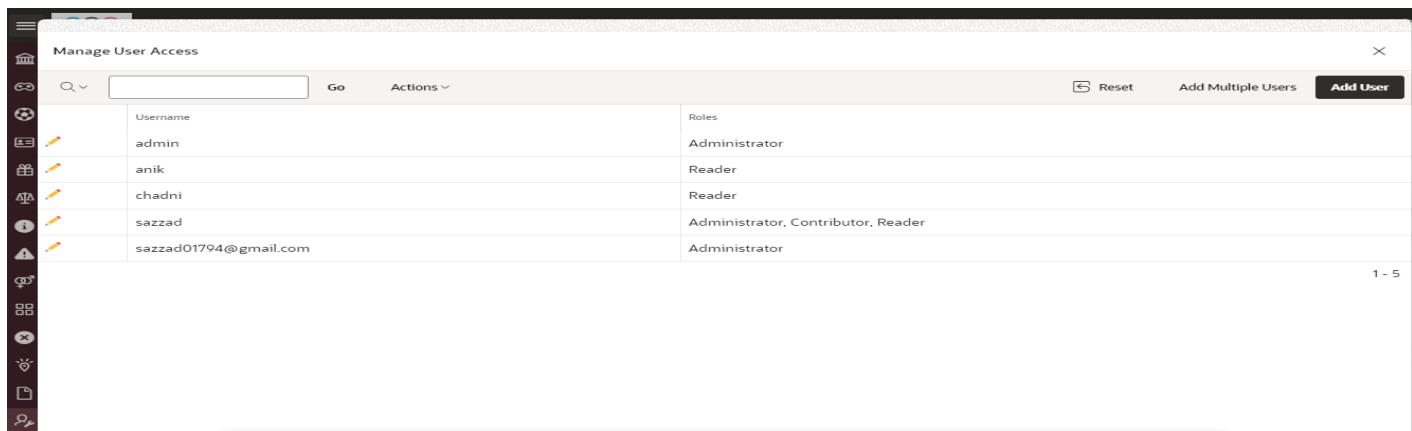


Figure 9.1: user access

Page-wise Authorization Information

Page number and name	Authorization Level
Example: P1. Home	Reader
Example: P10000: Administration	Administrator
Map	Reader
Olympic dashboard	Contributer Right

10. Concluding Remarks

At first, thank you for giving us unique experience and thank you for learning oracle apex well.

Oracle APEX helps build better apps with rich capabilities for data management, reporting, user interface, security, accessibility, monitoring, and globalization.

Oracle APEX has been used to successfully provide solutions for real business problems across industries and geographies. From the simplest app that turns a spreadsheet into a web app, to mission critical apps that are accessed daily by hundreds of thousands of users.

Oracle Apex is a very helpful platform. Through which we can easily create an application here user authentication has given a lot of benefits to the developer. Any type of application can be created from here. From here we have learned parameterize, report, form, chat insert, master table create, trigger ETC.

After all, the Oracle Apex application is definitely looking good after learning. Thank you for teaching us the Oracle Apex application very well. Thank you.