Database Diagram

Players
PK PlayerID (number(38))
PlayerName (varchar2, 50) Team (varchar2, 50) PositionName (varchar2, 20) Age (number(20))

Class Diagram

Players
-PlayerID : int -PlayerName : String -Team : String -PositionName : String -Age : int
+Player() : void +Player(int, String, String, String , int) : void +getPlayerID() : void +setPlayerID() : void +getPlayerName() : void +setPlayerName() : void +getTeam() : void +setTeam() : void +getPositionName() : void +setPositionName() : void +getAge() : void +setAge() : void +ToString() : String

Web Sitemap

index.jsp

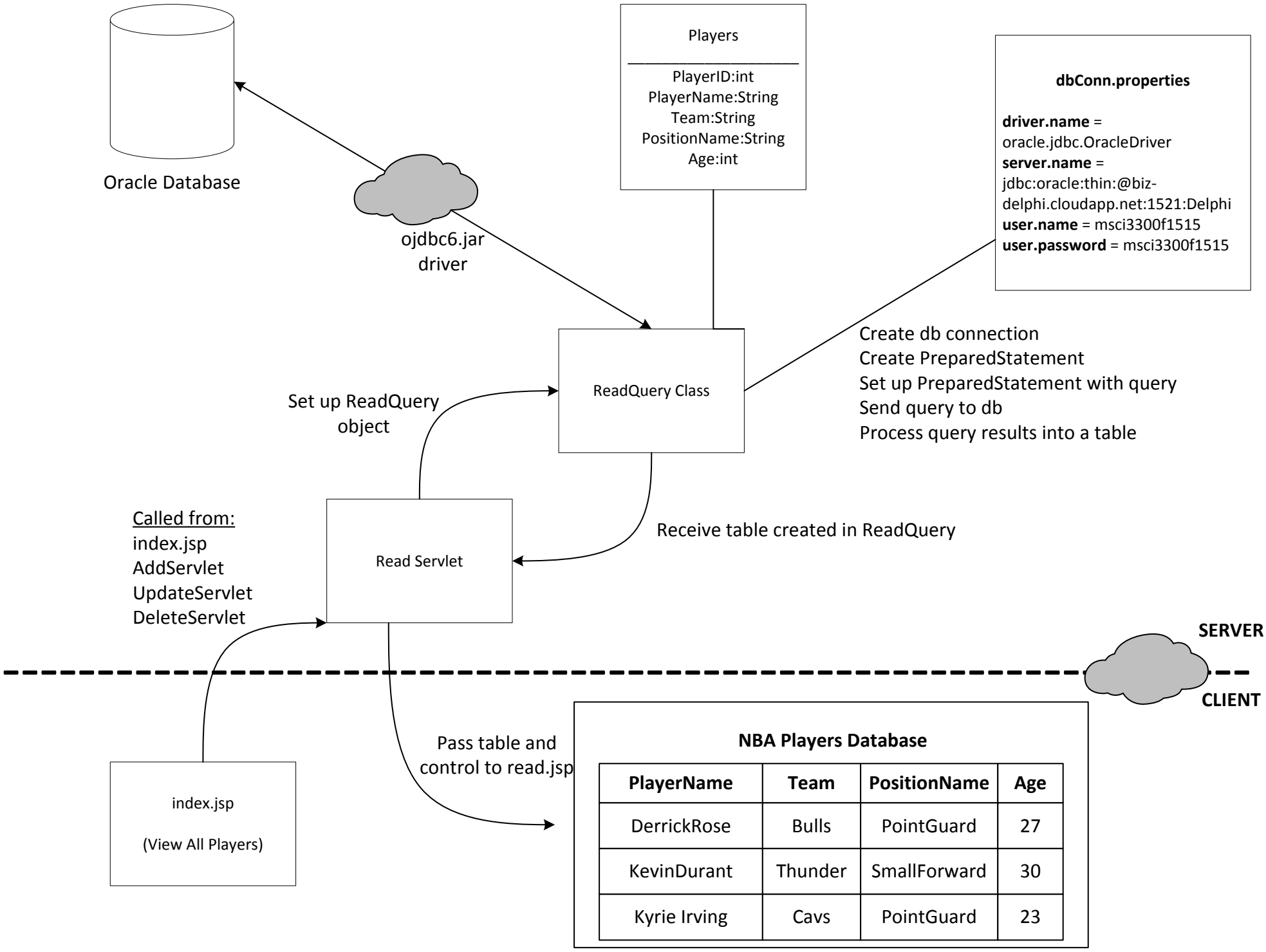
NBA Players Database

View All Players

read.jsp

NBA Players Database

PlayerName	Team	PositionName	Age
DerrickRose	Bulls	PointGuard	27
KevinDurant	Thunder	SmallForward	30
Kyrie Irving	Cavs	PointGuard	23


Oracle Database
ojdbc6.jar
driver
Players
PlayerID:int
PlayerName:String
Team:String
PositionName:String
Age:int
dbConn.properties
driver.name = oracle.jdbc.OracleDriver
server.name = jdbc:oracle:thin:@biz-delphi.cloudapp.net:1521:Delphi
user.name = msci3300f1515
user.password = msci3300f1515
ReadQuery Class
Create db connection
Create PreparedStatement
Set up PreparedStatement with query
Send query to db
Process query results into a table
Set up ReadQuery object
Called from:
index.jsp
AddServlet
UpdateServlet
DeleteServlet
Read Servlet
Receive table created in ReadQuery
SERVER
CLIENT
index.jsp
(View All Players)
Pass table and control to read.jsp
NBA Players Database
PlayerName
Team
PositionName
Age
DerrickRose
Bulls
PointGuard
27
KevinDurant
Thunder
SmallForward
30
Kyrie Irving
Cavs
PointGuard
23